



## ***Appendix K***

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### **Residential Sector Base & Remaining Factors Derivations**

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## Residential Model - Single Family Derivations

Single Family Households										
All Utilities										
Measure Name	Electric End Use Affected	End Use Saturation (Percentage of total homes that contain the electric end use or the measure)	Saturation Source (Survey Question)	Base Case Factor (Fraction of the end use energy that is already energy efficient)	Base Case Factor Source (Survey Question)	Remaining Factor (In how many homes can this be installed)	Convertibility Factor	Single-/Multi-Family Fraction (Q. HC2)	Type of home where applicable	Comment
<b>Appliances</b>										
E-Star Compliant Manual or Partial Automatic Defrost Refrigerators	Refrigerator					100.0%		66.6%	Homes in service area	This measure is redundant. Other measures cover replacement of a refrigerator/freezer combinations with E-Star compliant models
E-Star Compliant Top Mount Freezer	Refrigerator	65.8%	Tab 1 - R1 (breakdown by freezer type from GDS -VT Tech Potential Study)	35.2%	Tab 1 - PP7A_4, PP7B_4	64.8%		66.6%	Homes in service area	Saturation estimate is for all top mount freezers (with and without through-the-door ice)
E-Star Compliant Side Mount Freezer	Refrigerator	26.0%	Tab 1 - R1 (breakdown by freezer type from GDS -VT Tech Potential Study)	35.2%	Tab 1 - PP7A_4, PP7B_4	64.8%		66.6%	Homes in service area	Saturation estimate is for all side mount freezers (with and without through-the-door ice)
E-Star Compliant Bottom Mount Freezer	Refrigerator	8.2%	Tab 1 - R1 (breakdown by freezer type from GDS -VT Tech Potential Study)	35.2%	Tab 1 - PP7A_4, PP7B_4	64.8%		66.6%	Homes in service area	Saturation estimate is for all bottom mount freezers (with and without through-the-door ice)
Wine refrigerators (Informational)	Informational					100.0%		66.6%		
E-Star Compliant Upright Freezers	Freezer	21.6%	Tab 1 - R2 (breakdown by freezer type from GDS -VT Tech Potential Study)	19.4%	Tab 1 - PP7A_5, PP7B_5	80.6%		66.6%	Homes in service area which contain a freezer	
E-Star Compliant Chest Freezers	Freezer	19.2%	Tab 1 - R2 (breakdown by freezer type from GDS -VT Tech Potential Study)	19.4%	Tab 1 - PP7A_5, PP7B_5	80.6%		66.6%	Homes in service area which contain a freezer	
Energy Star Dehumidifier	Dehumidifier	26.9%	Tab 1 - DH1	31.9%	Tab 1 - PP7A_8, PP7B_8	68.1%		66.6%	Homes in service area with a dehumidifier	
Second Refrigerator Turn In	Refrigerator	29.2%	Tab 1 - R1			100.0%		66.6%	Homes in service area with 2+ refrigerators	Average 2.1 refrigerators in home with more than 1 refrigerator
Second Freezer Turn In	Freezer	2.0%	Tab 1 - R2			100.0%		66.6%	Homes in service area with 2+ freezers	Average 2.4 freezers in homes with more than 1 freezer
Induction Cooktop vs. Electric Coil Cooktop	Range	87.0%	Tab 1 - SH2 (See Comments)	0.0%	See Comments	100.0%		66.6%		End Use saturation is assumed to equal the percentage of homes not heated with gas. Could not find any saturation data for induction cooktops, but According to a recent Washington Post article (The Next Hot Thing? Well maybe, by Denise Di Fulco, May 8,2008), this is a new technology that was a novelty just a few years ago, but sales have picked up in 2008. Given that sales have only recently picked up, we assumed that their overall market penetration is approximately 0%.
Energy Star office equipment including monitors, copiers, multi-function machines.	Office Equipment	81.4%	Tab 1 - TC2	22.9%	Tab 1 - PP7A_11, PP7B_11	77.1%		66.6%	Homes in service area with 1 or more computers	Average 1.6 computers per home with 1 or more computers
TVs - Energy Star over standard	Television	100.0%	Tab 1 - TC1A, B, C	51.0%		49.0%		66.6%	Homes in service area	There are an average of 2.5 TVs per home. No survey data available on fraction of TVs that are Energy Star labeled. Based EE Saturation on Historical Energy Star market penetration data for the years 1999-2006 as reported by Estar and in a 2007 report by Tiax for the Consumer Electronics Association.
<b>Water Heating</b>										
Energy Star Dishwasher (Residential-w/Electric DHW)	Dishwasher	18.0%	Tab 2 - WH1, D1	38.1%	Tab 1 - PP7A_9, PP7B_9	61.9%		66.6%	Homes in service area with a dishwasher and natural gas DHW	
Energy Star Dishwasher (Residential-w/Gas DHW)	Dishwasher	14.8%	Tab 2 - WH1, D1	38.1%	Tab 1 - PP7A_9, PP7B_9	61.9%		66.6%	Homes in service area with a dishwasher and electric DHW	
Energy Star Dishwasher (Residential-w/Propane DHW)	Dishwasher	24.3%	Tab 2 - WH1, D1	38.1%	Tab 1 - PP7A_9, PP7B_9	61.9%		66.6%	Homes in service area with a dishwasher and propane DHW	
Energy Star Dishwasher (Residential-w/Oil DHW)	Dishwasher	40.2%	Tab 2 - WH1, D1	38.1%	Tab 1 - PP7A_9, PP7B_9	61.9%		66.6%	Homes in service area with a dishwasher and oil DHW	

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Beyond Energy Star Dishwasher (Residential-w/Electric DHW)	Dishwasher	18.0%	Tab 2 - WH1, D1	38.1%	Tab 1 - PP7A_9, PP7B_9	61.9%		66.6%	Homes in service area with a dishwasher and electric DHW	
Beyond Energy Star Dishwasher (Residential-w/Gas DHW)	Dishwasher	14.8%	Tab 2 - WH1, D1	38.1%	Tab 1 - PP7A_9, PP7B_9	61.9%		66.6%	Homes in service area with a dishwasher and natural gas DHW	
Beyond Energy Star Dishwasher (Residential-w/Propane DHW)	Dishwasher	24.3%	Tab 2 - WH1, D1	38.1%	Tab 1 - PP7A_9, PP7B_9	61.9%		66.6%	Homes in service area with a dishwasher and propane DHW	
Beyond Energy Star Dishwasher (Residential-w/Oil DHW)	Dishwasher	40.2%	Tab 2 - WH1, D1	38.1%	Tab 1 - PP7A_9, PP7B_9	61.9%		66.6%	Homes in service area with a dishwasher and oil DHW	
Energy Star Clothes Washer (w/ Electric DHW)	Clothes Washer	20.0%	Tab 2 - WH1, CW1	39.6%	Tab 1 - PP7A_6, PP7B_6	60.4%		66.6%	Homes in service area with a clothes washer and electric DHW	
Energy Star Clothes Washer (w/ Gas DHW)	Clothes Washer	13.9%	Tab 2 - WH1, CW1	39.6%	Tab 1 - PP7A_6, PP7B_6	60.4%		66.6%	Homes in service area with a clothes washer and natural gas DHW	
Energy Star Clothes Washer (w/ Propane DHW)	Clothes Washer	22.4%	Tab 2 - WH1, CW1	39.6%	Tab 1 - PP7A_6, PP7B_6	60.4%		66.6%	Homes in service area with a clothes washer and propane DHW	
Energy Star Clothes Washer (w/ Oil DHW)	Clothes Washer	41.6%	Tab 2 - WH1, CW1	39.6%	Tab 1 - PP7A_6, PP7B_6	60.4%		66.6%	Homes in service area with a clothes washer and oil DHW	
Natural Gas Clothes Dryer Fuel Switch	Electric Clothes Dryer	78.3%	Tab 1 - CW3, CW4	0.0%		100.0%		66.6%	Homes in service area with an electric dryer	
Propane Clothes Dryer Fuel Switch	Electric Clothes Dryer	78.3%	Tab 1 - CW3, CW4	0.0%		100.0%		66.6%	Homes in service area with an electric dryer	
Efficient Water Heater (EF=0.93)	Water Heating	20.2%	Tab 1 - WH1	16.2%	Tab 1 - PP7A_3, PP7B_3	83.8%		66.6%	Homes in service area with an electric water heater	There is a question in the survey that asks if the water heater that was purchased in the last five years has an Energy Star Logo. However, Energy Star does not label water heaters. I used the response to this question as a proxy for the number of water heaters purchased in the last five years that are energy efficient
High efficiency water heater (EF=0.95)	Water Heating	20.2%	Tab 1 - WH1	16.2%	Tab 1 - PP7A_3, PP7B_3	83.8%		66.6%	Homes in service area with an electric water heater	
High Efficiency Water Heater - Natural Gas (EF=0.62)	Water Heating	13.8%	Tab 1 - WH1	16.2%	Tab 1 - PP7A_3, PP7B_3	83.8%		66.6%	Homes in service area with a natural gas water heater	
High Efficiency Water Heater - Natural Gas (EF=0.67)	Water Heating	13.8%	Tab 1 - WH1	16.2%	Tab 1 - PP7A_3, PP7B_3	83.8%		66.6%	Homes in service area with a natural gas water heater	
High Efficiency Water Heater - Propane (EF=0.67)	Water Heating	22.9%	Tab 1 - WH1	16.2%	Tab 1 - PP7A_3, PP7B_3	83.8%		66.6%	Homes in service area with a propane water heater	
High Efficiency Water Heater - Oil (EF=0.66)	Water Heating	40.7%	Tab 1 - WH1	16.2%	Tab 1 - PP7A_3, PP7B_3	83.8%		66.6%	Homes in service area with an oil water heater	
Gas-Condensing Water Heater - Natural Gas (EF=0.80)	Water Heating	13.8%	Tab 1 - WH1	16.2%	Tab 1 - PP7A_3, PP7B_3	83.8%		66.6%	Homes in service area with a natural gas water heater	
Gas-Condensing Water Heater - Propane (EF=0.80)	Water Heating	22.9%	Tab 1 - WH1	16.2%	Tab 1 - PP7A_3, PP7B_3	83.8%		66.6%	Homes in service area with a propane water heater	
Whole-House Tankless Water Heater - Nat Gas <=200 kBTUH	Water Heating	2.8%	Tab 3 - SH2, SH3, SH4	16.2%	Tab 1 - PP7A_3, PP7B_3	83.8%		66.6%	Homes in service area with a natural gas boiler	
Whole-House Tankless Water Heater - Electric <=12 kW	Water Heating	20.2%	Tab 1 - WH1	16.2%	Tab 1 - PP7A_3, PP7B_3	83.8%		66.6%	Homes in service area with electric water heater	

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Indirect-fired domestic water heater - NG boiler w/ EF = 0.65	Water Heating	2.8%	Tab 3 - SH2, SH3, SH4	16.2%	Tab 1 - PP7A_3, PP7B_3	83.8%		66.6%	Homes in service area with a natural gas boiler
Heat Pump Water Heater	Water Heating	20.2%	Tab 1 - WH1	4.4%	RMLD Tech Potential (GDS: GDS Estimate based on age of housing, measure assumptions and other key factors, Base: Medium Size Tank (40-49gal.) ; EF=.90 EE: Medium Size Tank (40-49 gal.) ; EF=2.0)	95.6%		66.6%	Homes in service area with electric water heater
Solar Water Heating - Active, w/ Elec Backup	Water Heating	20.2%	Tab 1 - WH1	1.0%	RMLD Tech Potential (RECS HC5: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC5-9b. Appliances by Northeast Census Region, Percent of U.S. Households, Assumes Base: Medium Size Tank (40-49gal.) ; EF=.90 EE: Medium Size Tank (40-49 gal.) ; EF=1.8)	99.0%		66.6%	Homes in service area with electric water heater
Solar Water Heating - Active, w/ Gas Backup	Water Heating	13.8%	Tab 1 - WH1	1.0%	RMLD Tech Potential (RECS HC5: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC5-9b. Appliances by Northeast Census Region, Percent of U.S. Households, Assumes Base: Medium Size Tank (40-49gal.) ; EF=.90 EE: Medium Size Tank (40-49 gal.) ; EF=1.8)	99.0%		66.6%	Homes in service area with natural gas water heater
Solar Water Heating - Active, w/ Propane Backup	Water Heating	22.9%	Tab 1 - WH1	1.0%	RMLD Tech Potential (RECS HC5: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC5-9b. Appliances by Northeast Census Region, Percent of U.S. Households, Assumes Base: Medium Size Tank (40-49gal.) ; EF=.90 EE: Medium Size Tank (40-49 gal.) ; EF=1.8)	99.0%		66.6%	Homes in service area with propane water heater
Solar Water Heating - Active, w/ Oil Backup	Water Heating	40.7%	Tab 1 - WH1	1.0%	RMLD Tech Potential (RECS HC5: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC5-9b. Appliances by Northeast Census Region, Percent of U.S. Households, Assumes Base: Medium Size Tank (40-49gal.) ; EF=.90 EE: Medium Size Tank (40-49 gal.) ; EF=1.8)	99.0%		66.6%	Homes in service area with oil water heater
Low Flow Showerhead/Faucets - electric	Water Heating	20.2%	Tab 1 - WH1	55.3%	Tab 1 - WH4	44.7%		66.6%	Homes in service area with electric water heater
Low Flow Showerhead/Faucets - gas	Water Heating	13.8%	Tab 1 - WH1	55.3%	Tab 1 - WH4	44.7%		66.6%	Homes in service area with natural gas water heater
Low Flow Showerhead/Faucets - LPG	Water Heating	22.9%	Tab 1 - WH1	55.3%	Tab 1 - WH4	44.7%		66.6%	Homes in service area with propane water heater
Low Flow Showerhead/Faucets - oil	Water Heating	40.7%	Tab 1 - WH1	55.3%	Tab 1 - WH4	44.7%		66.6%	Homes in service area with oil water heater
Pipe Wrap - electric DHW	Water Heating	20.2%	Tab 1 - WH1	10.0%	RMLD Tech Potential (GDS: GDS Estimate based on age of housing, measure assumptions and other key factors)	90.0%		66.6%	Homes in service area with electric water heater
									Not included in survey

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Pipe Wrap - gas DHW	Water Heating	13.8%	Tab 1 - WH1			100.0%		66.6%	Homes in service area with natural gas water heater	
Pipe Wrap - LPG DHW	Water Heating	22.9%	Tab 1 - WH1			100.0%		66.6%	Homes in service area with propane water heater	
Pipe Wrap - oil DHW	Water Heating	40.7%	Tab 1 - WH1			100.0%		66.6%	Homes in service area with oil water heater	
Water Heater Blanket/Tank Insulation - electric only	Water Heating	20.2%	Tab 1 - WH1	10.0%	RMLD Tech Potential (GDS: GDS Estimate based on age of housing, measure assumptions and other key factors)	90.0%		66.6%	Homes in service area with electric water heater	This measure is being phased out in many locales. Heaters last 10 years on average and most new machines have the additional insulation once provided by wraps. Many warranties are void with added insulation.
Horizontal Axis Washer-Dryer Combination Unit (informational)	Informational					100.0%		66.6%		
Built-in Interior Clothes Lines in new construction (informational)	Informational					100.0%		66.6%		
<b>Lighting</b>										
CFL Bulbs (Homes w/ partial CFL installation - High Use)	Lighting	75.0%	Tab 1 - L3	37.3%	Tab 1 - Weighted number (L4A) and % (L4B) responses	62.7%		66.6%	Homes in service area	High Use/Low Use breakdown not available in the survey
CFL Bulbs (Homes w/ partial CFL installation - Low Use)	Lighting	75.0%	Tab 1 - L3	37.3%	Tab 1 - Weighted number (L4A) and % (L4B) responses	62.7%		66.6%	Homes in service area	High Use/Low Use breakdown not available in the survey
CFL Bulbs (Homes w/ no CFL bulbs installed - High Use)	Lighting	25.0%	Tab 1 - L3	0.0%		100.0%		66.6%	Homes in service area	
CFL Bulbs (Homes w/ no CFL bulbs installed - Low Use)	Lighting	25.0%	Tab 1 - L3	0.0%		100.0%		66.6%	Homes in service area	
LED options, inc. MR 16, R16, R20, R30, R38 & G25	Lighting	100.0%				100.0%		66.6%	Homes in service area	Not included in survey
LED Exit Signs	Commercial Measure					100.0%		66.6%		Commercial Measure
CFL Torchiere (residential)	Lighting					100.0%		66.6%		Included in CFL Bulbs
CFL Torchiere (commercial)	Commercial Measure					100.0%		66.6%		Commercial Measure
CFL fixtures- exterior (high use)	Lighting					100.0%		66.6%		Included in CFL Bulbs
Occupancy sensors	Lighting					100.0%		66.6%	Homes in service area	Not included in survey
Timers/Motion/Photozell controlled outdoor lighting	Lighting	100.0%		15.0%	2003 CA Study by Architectural Energy Corp for CA Energy Comm.	85.0%		66.6%	Homes in service area with outdoor lighting	Not included in survey. Assumed 100% of homes have at least 1 outdoor socket
Daylighting options, including retrofit & ligh tubes (informational)	Lighting					100.0%		66.6%		
Cold Cathode Bulbs (informational)	Informational					100.0%		66.6%		
<b>Space Conditioning (Heating and Cooling)</b>										
Programmable Thermostats (SF) - electric (Heating only)	Space Heating	1.2%	Tab 1 - SH2	54.5%	Tab 1 - SH14	45.5%		66.6%	Homes in service area with electric heat & no central air	Small N (N=4). Due to low N, use fuel neutral response to base case factor for programmable thermostats (Tab 1)
Programmable Thermostats (SF) - electric (Heating + Central Air)	Space Heating/Cooling	0.0%	Tab 3 - SH2, SH4			100.0%		66.6%	Homes in service area with electric heat & central air	This measure should be deleted because saturation of electrically heated homes with central air is 0%
Programmable Thermostats (SF) - gas furnace (Heating only)	Space Heating	4.7%	Tab 3 - SH2, SH3	76.5%	Tab 1b - SH14	23.5%		66.6%	Homes in service area with natural gas furnace & no central air	
Programmable Thermostats (SF) - gas furnace (Heating + Central Air)	Space Heating/Cooling	2.8%	Tab 3 - SH2, SH3	76.5%	Tab 1b - SH14	23.5%		66.6%	Homes in service area with natural gas furnace & central air	
Programmable Thermostats (SF) - gas boiler (Heating only)	Space Heating	3.2%	Tab 3 - SH2, SH3	76.5%	Tab 1b - SH14	23.5%		66.6%	Homes in service area with natural gas boiler & no central air	
Programmable Thermostats (SF) - gas boiler (Heating + Central Air)	Space Heating/Cooling	0.0%	Tab 3 - SH2, SH3	76.5%	Tab 1b - SH14	23.5%		66.6%	Homes in service area with natural gas boiler & central air	This measure should be deleted because the percentage of homes with natural gas boilers & central air is zero.
Programmable Thermostats (SF) - oil furnace (Heating only)	Space Heating	19.0%	Tab 3 - SH2, SH3	51.3%	Tab 1b - SH14	48.7%		66.6%	Homes in service area with oil furnace & no central air	
Programmable Thermostats (SF) - oil furnace (Heating + Central Air)	Space Heating/Cooling	5.5%	Tab 3 - SH2, SH3	51.3%	Tab 1b - SH14	48.7%		66.6%	Homes in service area with oil furnace & central air	

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Programmable Thermostats (SF) - oil boiler (Heating only)	Space Heating	27.3%	Tab 3 - SH2, SH3	51.3%	Tab 1b - SH14	48.7%	66.6%	Homes in service area with oil boiler & no central air	
Programmable Thermostats (SF) - oil boiler (Heating + Central Air)	Space Heating/Cooling	2.4%	Tab 3 - SH2, SH3	51.3%	Tab 1b - SH14	48.7%	66.6%	Homes in service area with oil boiler & central air	
Efficient Furnace Fan (Non-Electric Furnace)	Space Heating	39.1%	Tab 1 - SH3	28.9%	Tab 1 - SH7, SH8	71.1%	66.6%	Homes in service area with non-electric furnace	This measure was not specifically addressed in the survey. Base case factor is based on fairly new (<=10 yrs. old) systems that respondents said are energy efficient
HVAC Tune-Up (Electric Heat)	Space Heating	1.2%	Tab 1 - SH2	68.4%	Tab 1 - SH6	31.6%	66.6%	Homes in service area with electric heat	Small N (N=4). Due to low N, use fuel neutral response to base case factor for HVAC Tuneup (Tab 1)
HVAC Tune-Up (Gas Heat)	Space Heating	13.0%	Tab 1 - SH2	55.2%	Tab 1b - SH6	44.8%	66.6%	Homes in service area with gas heat	
HVAC Tune-Up (Oil Heat)	Space Heating	56.5%	Tab 1 - SH2	83.9%	Tab 1b - SH6	16.1%	66.6%	Homes in service area with oil heat	
Energy Star Room A/C	Room AC	59.7%	Tab 1 - SC7	50.3%	Tab 1 - PP7A_2, PP7B_2	49.7%	66.6%	Homes in service area with one or more window A/C units	Average of 2 plugged in room air conditioners per home with at least 1 room air conditioner
Energy Star ceiling fans	Impacts Heating & Cooling					100.0%	66.6%		Not included in survey
High Efficiency Central AC (Tier 1)	Central AC	15.4%	Tab 1 - SC1	12.8%	Tab 1 - PP7A_1, PP7B_1	87.2%	66.6%	Homes in service area with central AC	
High Efficiency Central AC (Tier 2)	Central AC	15.4%	Tab 1 - SC1	12.8%	Tab 1 - PP7A_1, PP7B_1	87.2%	66.6%	Homes in service area with central AC	
High Efficiency Heat Pump (Tier 1)	Heating/Cooling	100.0%		13.9%	RMLD Tech Potential (NEEA: Northwest Energy Efficiency Alliance Residential Existing Construction Stock Assessment)	86.1%	66.6%	Homes in service area	Primarily a moderate climate technology. Not included in survey.
High Efficiency Heat Pump (Tier 2)	Heating/Cooling	100.0%		1.0%	RMLD Tech Potential (GDS/EPRI: GDS assumptions based on information from Residential HVAC Data, Assumptions and Methodology for end use forecasting with EPRI REEPS 2.1 1994)	99.0%	66.6%	Homes in service area	Primarily a moderate climate technology. Not included in survey.
Ground Source Heat Pump	Heating/Cooling	100.0%		2.0%	RMLD Tech Potential (NWAlliance: NWAlliance.org Market Research Report on Ground Source Heat Pump Market Assessment 9/2000)	98.0%	66.6%	Homes in service area	
HE Whole House Fans	Air Conditioning	100.0%				100.0%	66.6%	Homes in service area	
High Efficiency Furnace - Natural Gas	Space Heating	7.5%	Tab 3 - SH2, SH3	30.3%	Tab 1 - SH2; Tab 3 - SH8, SH2;	69.7%	66.6%	Homes in service area with natural gas furnace	
High Efficiency Furnace - Propane	Space Heating	6.7%	Tab 3 - SH2, SH3	36.1%	Tab 1 - SH2; Tab 3 - SH8, SH2;	63.9%	66.6%	Homes in service area with propane furnace	
High Efficiency Furnace - Oil	Space Heating	24.5%	Tab 3 - SH2, SH3	28.0%	Tab 1 - SH2; Tab 3 - SH8, SH2;	72.0%	66.6%	Homes in service area with oil furnace	
High Efficiency Boiler - Natural Gas	Space Heating	3.2%	Tab 3 - SH2, SH3	30.3%	Tab 1 - SH2; Tab 3 - SH8, SH2;	69.7%	66.6%	Homes in service area with natural gas boiler	
High Efficiency Boiler - Propane	Space Heating	5.9%	Tab 3 - SH2, SH3	36.1%	Tab 1 - SH2; Tab 3 - SH8, SH2;	63.9%	66.6%	Homes in service area with propane boiler	
High Efficiency Boiler - Oil	Space Heating	29.6%	Tab 3 - SH2, SH3	28.0%	Tab 1 - SH2; Tab 3 - SH8, SH2;	72.0%	66.6%	Homes in service area with oil boiler	
Improved Steam Vents (SF) - gas	Space Heating	0.4%	Tab 3 - SH2, SH3	40.0%	Tab 1 - SH2; Tab 3 - SH8, SH2;	60.0%	66.6%	Homes in service area with natural gas steam boiler	Should consider dropping this measure or combining all steam trap measures because the percentage of homes with natural gas steam boilers is less than 1%
Improved Steam Vents (SF) - LPG	Space Heating	0.8%	Tab 3 - SH2, SH3	40.0%	Tab 1 - SH2; Tab 3 - SH8, SH2;	60.0%	66.6%	Homes in service area with LPG steam boiler	Should consider dropping this measure or combining all steam trap measures because the percentage of homes with natural gas steam boilers is less than 1%
Improved Steam Vents (SF) - oil	Space Heating	2.8%	Tab 3 - SH2, SH3	40.0%	Tab 1 - SH2; Tab 3 - SH8, SH2;	60.0%	66.6%	Homes in service area with oil steam boiler	Might want to combine all of the steam trap measures because of low saturation of steam boilers

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Efficient Steam Boiler (SF) - gas	Space Heating	0.4%	Tab 3 - SH2, SH3	40.0%	Tab 1 - SH2; Tab 3 - SH8, SH2;	60.0%		66.6%	Homes in service area with natural gas steam boiler	Should consider dropping this measure or combining all efficient steam boiler measures because the percentage of homes with natural gas steam boilers is less than 1%
Efficient Steam Boiler (SF) - LPG	Space Heating	0.8%	Tab 3 - SH2, SH3	40.0%	Tab 1 - SH2; Tab 3 - SH8, SH2;	60.0%		66.6%	Homes in service area with LPG steam boiler	Should consider dropping this measure or combining all efficient steam boiler measures because the percentage of homes with natural gas steam boilers is less than 1%
Efficient Steam Boiler (SF) - oil	Space Heating	2.8%	Tab 3 - SH2, SH3	40.0%	Tab 1 - SH2; Tab 3 - SH8, SH2;	60.0%		66.6%	Homes in service area with oil steam boiler	Might want to combine all of the efficient steam boiler measures because of low saturation of steam boilers
Duct Sealing - electric	Heating/Cooling	8.6%	RMLD Residential Tech Potential (RECS HC3: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC3-9b. Space Heating by Northeast Census Region, Percent of U.S. Households.)	25.0%	RMLD Residential Tech Potential (GDS: GDS Estimate based on age of housing, measure assumptions and other key factors)	75.0%		66.6%	Homes in service area with electric heat - forced hot air	Small N (N=3) Forced Hot Air/Electric is not specified
Duct Sealing - gas	Heating/Cooling	7.5%	Tab 3 - SH2, SH3	25.0%	RMLD Residential Tech Potential (GDS: GDS Estimate based on age of housing, measure assumptions and other key factors, Assumes 3Ton Unit, with 500 Full Load Cooling Hrs. SEER 10)	75.0%		66.6%	Homes in service area with natural gas heat - forced hot air	Duct sealing not addressed in survey
Duct Sealing - LPG	Heating/Cooling	6.7%	Tab 3 - SH2, SH3			100.0%		66.6%	Homes in service area with LPG heat forced hot air	Duct sealing not addressed in survey
Duct Sealing - oil	Heating/Cooling	24.5%	Tab 3 - SH2, SH3			100.0%		66.6%	Homes in service area with oil heat - forced hot air	Duct sealing not addressed in survey
Off Peak Cooling w/ Thermal Energy Storage (Informational)	Informational					100.0%		66.6%		
Combo Systems (Informational)	Informational					100.0%		66.6%		
<b>Building Envelope</b>										
Integrated Building Design - Good (ENERGY STAR Home ~ 20% Savings) - Electric Heat	Total Home Electric Use	100.0%	RMLD Tech Potential (Average kWh and Gas Consumption for all existing homes ~ 1,204 New Homes : Existing Homes ratio of energy consumption, based on EIA data.)			100.0%		66.6%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Better (ENERGY STAR Home ~35% Savings) - Electric Heat	Total Home Electric Use	100.0%				100.0%		66.6%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Best (ENERGY STAR Home ~ 50% Savings) - Electric Heat	Total Home Electric Use	100.0%				100.0%		66.6%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Good (ENERGY STAR Home ~ 20% Savings) - Gas Heat	Total Home Gas Use	100.0%				100.0%		66.6%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Better (ENERGY STAR Home ~35% Savings) - Gas Heat	Total Home Gas Use	100.0%				100.0%		66.6%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Best (ENERGY STAR Home ~ 50% Savings) -Gas Heat	Total Home Gas Use	100.0%				100.0%		66.6%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Good (ENERGY STAR Home ~ 20% Savings) - LPG Heat	Total Home LPG Use	100.0%				100.0%		66.6%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Better (ENERGY STAR Home ~35% Savings) - LPG Heat	Total Home LPG Use	100.0%				100.0%		66.6%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Best (ENERGY STAR Home ~ 50% Savings) - LPG Heat	Total Home LPG Use	100.0%				100.0%		66.6%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Good (ENERGY STAR Home ~ 20% Savings) - Oil Heat	Total Home Oil Use	100.0%				100.0%		66.6%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Better (ENERGY STAR Home ~35% Savings) -Oil Heat	Total Home Oil Use	100.0%				100.0%		66.6%	New Homes	No question in the survey regarding Energy Star Homes

## Residential Model - Single Family Derivations

Integrated Building Design - Best (ENERGY STAR Home - 50% Savings) - Oil Heat	Total Home Oil Use	100.0%				100.0%		66.6%	New Homes	No question in the survey regarding Energy Star Homes
Energy Efficient Windows (SF) - electric heat	Heating/Cooling	1.2%		17.0%	Tab 1 - PP7A_10, PP7B_10	83.0%		66.6%	Homes in service area with electric heat	Small N (N=4). Due to low N, use fuel neutral response to base case factor (Tab 1)
Energy Efficient Windows (SF) - gas heat	Heating/Cooling	13.0%		14.7%	Tab 1b - PP7A_10, PP7B_10	85.3%		66.6%	Homes in service area with natural gas heat	
Energy Efficient Windows (SF) - LPG heat	Heating/Cooling	14.2%		29.0%	Tab 1b - PP7A_10, PP7B_10	71.0%		66.6%	Homes in service area with LPG heat	
Energy Efficient Windows (SF) - oil heat	Heating/Cooling	56.5%		18.6%	Tab 1b - PP7A_10, PP7B_10	81.4%		66.6%	Homes in service area with oil heat	
Interior Storm Windows (Low-e or double clear film)	Heating/Cooling	100.0%		36.0%	Tab 1 - BE1_1	64.0%		66.6%	Homes in service area	
Cool roofing/white roof/green roof (Central AC)	Central AC	100.0%				100.0%		66.6%	Homes in service area	Not included in the survey
Exterior Door Insulation (New, Replacement, Retrofit)	Heating/Cooling	100.0%				100.0%		66.6%	Homes in service area	Is this a storm door? Not included in survey
Tree Shading (Central Air)	Central AC	15.4%	Tab 1 - SC1	50.4%	RMLD Tech Potential (RECS HC4: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC4-9b. Air Conditioning by Northeast Census Region, Percent of U.S. Households, Assumes 3Ton Unit, with 500 Full Load Cooling Hrs. SEER 10)	49.6%		66.6%	Homes in service area with central AC	Tree shading not addressed in survey
Tree Shading (Room AC)	Central AC	59.7%	Tab 1 - SC7	50.4%	RMLD Tech Potential (RECS HC4: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC4-9b. Air Conditioning by Northeast Census Region, Percent of U.S. Households, Assumes 11,000 BTU, 8.8 EER, and 1.5 Units/HH)	49.6%		66.6%	Homes in service area with Room AC	Tree shading not addressed in survey
Tree Shading (Central Air)	Central AC			50.4%	RMLD Tech Potential (RECS HC4: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC4-9b. Air Conditioning by Northeast Census Region, Percent of U.S. Households, Assumes 3Ton Unit, with 500 Full Load Cooling Hrs. SEER 10)	49.6%		66.6%		Duplicate measure
Tree Shading (Room AC)	Central AC			50.4%	RMLD Tech Potential (RECS HC4: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC4-9b. Air Conditioning by Northeast Census Region, Percent of U.S. Households, Assumes 11,000 BTU, 8.8 EER, and 1.5 Units/HH)	49.6%		66.6%		Duplicate measure
Insulation/weatherization package - electric heat - single family	Space Heating	1.2%	Tab 1 - SH2	66.7%	Tab 3 - SH2, BE3	33.3%		66.6%	Homes in service area with electric heat	Which insulation weatherization measures will be included? These combined measures or the detailed good/better/best (note Small N =3 for electric heat)
Insulation/weatherization package - gas heat	Space Heating	13.0%	Tab 1 - SH2	41.2%	Tab 1b - SH2, BE3	58.8%		66.6%	Homes in service area with natural gas heat	base case = respondents that said they have added insulation
Insulation/weatherization package - LPG heat	Space Heating	14.2%	Tab 1 - SH2	52.6%	Tab 1b - SH2, BE3	47.4%		66.6%	Homes in service area with LPG heat	base case = respondents that said they have added insulation
Insulation/weatherization package - oil heat	Space Heating	56.5%	Tab 1 - SH2	50.3%	Tab 1b - SH2, BE3	49.7%		66.6%	Homes in service area with oil heat	base case = respondents that said they have added insulation
Insulation/weatherization package - Good (Improved Base Home) - Electric Heat	Space Heating	1.2%	Tab 1 - SH2	50.0%	Tab 3 - SH2, BE3	50.0%		66.6%	Homes in service area with electric heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Better (Improved Base Home to Current NH Code) - Electric Heat	Space Heating	1.2%	Tab 1 - SH2	16.7%	Tab 3 - SH2, BE3	83.3%		66.6%	Homes in service area with electric heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)



## Residential Model - Single Family Derivations

Insulation/weatherization package - Best (Major Renovation to ES Home Levels) - Electric Heat	Space Heating	1.2%	Tab 1 - SH2	0.0%	Tab 3 - SH2, BE3	100.0%		66.6%	Homes in service area with electric heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Good (Improved Base Home) - Gas Heat	Space Heating	13.0%	Tab 1 - SH2	30.9%	Tab 1b - SH2, BE3	69.1%		66.6%	Homes in service area with natural gas heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Better (Improved Base Home to Current NH Code) - Gas Heat	Space Heating	13.0%	Tab 1 - SH2	10.3%	Tab 1b - SH2, BE3	89.7%		66.6%	Homes in service area with natural gas heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Best (Major Renovation to ES Home Levels) - Gas Heat	Space Heating	13.0%	Tab 1 - SH2	0.0%	Tab 1b - SH2, BE3	100.0%		66.6%	Homes in service area with natural gas heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Good (Improved Base Home) - LPG Heat	Space Heating	14.2%	Tab 1 - SH2	39.45%	Tab 1b - SH2, BE3	#VALUE!		66.6%	Homes in service area with LPG heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Better (Improved Base Home to Current NH Code) - LPG Heat	Space Heating	14.2%	Tab 1 - SH2	13.2%	Tab 1b - SH2, BE3	86.9%		66.6%	Homes in service area with LPG heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Best (Major Renovation to ES Home Levels) - LPG Heat	Space Heating	14.2%	Tab 1 - SH2	0.0%	Tab 1b - SH2, BE3	100.0%		66.6%	Homes in service area with LPG heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Good (Improved Base Home) - Oil Heat	Space Heating	56.5%	Tab 1 - SH2	37.7%	Tab 1b - SH2, BE3	62.3%		66.6%	Homes in service area with oil heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Better (Improved Base Home to Current NH Code) - Oil Heat	Space Heating	56.5%	Tab 1 - SH2	12.6%	Tab 1b - SH2, BE3	87.4%		66.6%	Homes in service area with oil heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Best (Major Renovation to ES Home Levels) - Oil Heat	Space Heating	56.5%	Tab 1 - SH2	0.0%	Tab 1b - SH2, BE3	100.0%		66.6%	Homes in service area with oil heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulating Concrete Forms (ICFs) for renovations/additions - electric heat	Space Heating	1.2%	Tab 1 - SH2			100.0%		66.6%	Homes in service area with electric heat	Included in new construction
Insulating Concrete Forms (ICFs) for renovations/additions - gas heat	Space Heating	13.0%	Tab 1 - SH2			100.0%		66.6%	Homes in service area with natural gas heat	Included in new construction
Insulating Concrete Forms (ICFs) for renovations/additions - LPG heat	Space Heating	14.2%	Tab 1 - SH2			100.0%		66.6%	Homes in service area with LPG heat	Included in new construction
Insulating Concrete Forms (ICFs) for renovations/additions - oil heat	Space Heating	56.5%	Tab 1 - SH2			100.0%		66.6%	Homes in service area with oil heat	Included in new construction
Structural Insulated Panels (SIPs) for renovations/additions - electric heat	Space Heating	1.2%	Tab 1 - SH2			100.0%		66.6%	Homes in service area with electric heat	Included in new construction
Structural Insulated Panels (SIPs) for renovations/additions - gas heat	Space Heating	13.0%	Tab 1 - SH2			100.0%		66.6%	Homes in service area with natural gas heat	Included in new construction
Structural Insulated Panels (SIPs) for renovations/additions - LPG heat	Space Heating	14.2%	Tab 1 - SH2			100.0%		66.6%	Homes in service area with LPG heat	Included in new construction
Structural Insulated Panels (SIPs) for renovations/additions - oil heat	Space Heating	56.5%	Tab 1 - SH2			100.0%		66.6%	Homes in service area with oil heat	Included in new construction
New Construction (standard) - Electric Heat	Space Heating	100.0%				100.0%		66.6%	New Homes	This is a baseline not a measure
New Construction (standard) - Natural Gas Heat	Space Heating	100.0%				100.0%		66.6%	New Homes	This is a baseline not a measure
New Construction (standard) - Propane Heat	Space Heating	100.0%				100.0%		66.6%	New Homes	This is a baseline not a measure
New Construction (standard) - Oil Heat	Space Heating	100.0%				100.0%		66.6%	New Homes	This is a baseline not a measure
New Construction (BPI) - Electric Heat	Space Heating	100.0%				100.0%		66.6%	New Homes	Isn't BPI a builder/contractor accreditation organization.?
New Construction (BPI) - Natural Gas Heat	Space Heating	100.0%				100.0%		66.6%	New Homes	Isn't BPI a builder/contractor accreditation organization.?
New Construction (BPI) - Propane Heat	Space Heating	100.0%				100.0%		66.6%	New Homes	Isn't BPI a builder/contractor accreditation organization.?
New Construction (BPI) - Oil Heat	Space Heating	100.0%				100.0%		66.6%	New Homes	Isn't BPI a builder/contractor accreditation organization.?
LI Insulation & Weatherization (Electrically Heated)	Space Heating	9.1%	Tab 5-SH2	30.3%		69.7%		66.6%	Low income homes in service area with electric heat	base case = respondents that said they have added insulation
LI Insulation & Weatherization (Natural Gas Heated)	Space Heating	24.2%	Tab 5-SH2	30.3%		69.7%		66.6%	Low income homes in service area with natural gas heat	base case = respondents that said they have added insulation
LI Insulation & Weatherization (Propane Heated)	Space Heating	12.1%	Tab 5-SH2	30.3%		69.7%		66.6%	Low income homes in service area with propane heat	base case = respondents that said they have added insulation

## Residential Model - Single Family Derivations

LI Insulation & Weatherization (Gas Heated)	Space Heating	36.4%	Tab 5-SH2	30.3%	69.7%	66.6%	Low income homes in service area with oil heat	base case = respondents that said they have added insulation
LI Insulation & Weatherization (Central AC)	Central AC	9.1%	Tab 5-SC1	30.3%	69.7%	66.6%	Low income homes in service area with central AC	base case = respondents that said they have added insulation
LI Insulation & Weatherization (Room AC)	Room AC	78.8%	Tab 5-SC7	30.3%	69.7%	66.6%	Low income homes in service area with room AC	base case = respondents that said they have added insulation
LI Insulation & Weatherization (Electrically Heated)	Space Heating				100.0%	66.6%		Duplicate measure
LI Insulation & Weatherization (Natural Gas Heated)	Space Heating				100.0%	66.6%		Duplicate measure
LI Insulation & Weatherization (Propane Heated)	Space Heating				100.0%	66.6%		Duplicate measure
LI Insulation & Weatherization (Gas Heated)	Space Heating				100.0%	66.6%		Duplicate measure
LI Insulation & Weatherization (Central AC)	Central AC				100.0%	66.6%		Duplicate measure
LI Insulation & Weatherization (Room AC)	Room AC				100.0%	66.6%		Duplicate measure
<b>Standby Power and Automation:</b>								
Standby Power (ES Plug loads including battery chargers, cordless phones, TV/DVD combo units, DVD, External Power adapters, home Audio)	Appliances	100.0%		15.0%	85.0%	66.6%	Homes in service area	Not addressed in the survey. Used data from GDS VT study
Energy Efficient "Smart" Power Strip for PC/Monitor/Printer	Computers/Printers	81.4%	Tab 1 - TC2		100.0%	66.6%	Homes in service area with 1 or more computers	Average 1.6 computers per home with 1 or more computers. This measure is not addressed in the survey. Similar savings are assumed to be included in Energy Star office equipment.
Home Automation & SMART Controls	Appliances	100.0%			100.0%	66.6%	Homes in service area	Not addressed in the survey
<b>Pools</b>								
Pool Pump and Motor	Pool				100.0%	66.6%	Homes in service area with a pool	Survey question only asked about heated pools
High efficiency spas/hot tubs	Spa/Hot Tub	5.9%	Tab 1 - HT1		100.0%	66.6%	Homes in service area with outdoor spa/hot tub	What is a high efficiency Spa/Hot Tub? Survey asks about covers and timers to the heater.
Solar Pool Heater	Pool	0.8%	Tab 1 - HT6		100.0%	66.6%	Homes in service area with heated pool	Very low saturation: May want to consider dropping all pool heating measures.
HE Pool Water Heater - Electric (EF=0.95)	Pool	0.8%	Tab 1 - HT6		100.0%	66.6%	Homes in service area with heated pool	Very low saturation: May want to consider dropping all pool heating measures.
HE Pool Water Heater - Natural Gas Propane (EF=0.67)	Pool	0.8%	Tab 1 - HT6		100.0%	66.6%	Homes in service area with heated pool	Very low saturation: May want to consider dropping all pool heating measures.
HE Pool Water Heater - Propane (EF=0.67)	Pool	0.8%	Tab 1 - HT6		100.0%	66.6%	Homes in service area with heated pool	Very low saturation: May want to consider dropping all pool heating measures.
Temperature control	Pool	0.8%	Tab 1 - HT6		100.0%	66.6%	Homes in service area with heated pool	Very low saturation: May want to consider dropping all pool heating measures.
Pool Cover	Pool	0.8%	Tab 1 - HT6		100.0%	66.6%	Homes in service area with heated pool	Very low saturation: May want to consider dropping all pool heating measures.
Outdoor ponds / fountains	Ponds/Fountains				100.0%	66.6%		What is this measure?

Residential Model - Multi Family Derivations

Multi Family Households										
All Utilities										
Measure Name	End Use Affected	End Use Saturation (Percentage of total homes that contain the electric end use or the measure)	Saturation Source (Survey Question)	EE Penetration (Fraction of the end use energy that is already energy efficient)	EE Penetration Source (Survey Question)	Remaining Factor (In how many homes can this be installed)	Convertibility Factor	Single-/Multi-Family Fraction (Q. HC2)	Type of home where applicable	Comment
Appliances										
E-Star Compliant Manual or Partial Automatic Defrost Refrigerators	Refrigerator					100.0%		33.4%	Homes in service area	This measure is redundant. Other measures cover replacement of all refrigerator/freezer combinations with E-Star compliant models
E-Star Compliant Top Mount Freezer	Refrigerator	65.8%	Tab 1a - R1 (breakdown by freezer type from GDS -VT Tech Potential Study)	15.0%	Tab 1a - PP7A_4, PP7B_4	85.0%		33.4%	Homes in service area	Saturation estimate is for all top mount freezers (with and without through-the-door ice)
E-Star Compliant Side Mount Freezer	Refrigerator	26.0%	Tab 1a - R1 (breakdown by freezer type from GDS -VT Tech Potential Study)	15.0%	Tab 1a - PP7A_4, PP7B_4	85.0%		33.4%	Homes in service area	Saturation estimate is for all side mount freezers (with and without through-the-door ice)
E-Star Compliant Bottom Mount Freezer	Refrigerator	8.2%	Tab 1a - R1 (breakdown by freezer type from GDS -VT Tech Potential Study)	15.0%	Tab 1a - PP7A_4, PP7B_4	85.0%		33.4%	Homes in service area	Saturation estimate is for all bottom mount freezers (with and without through-the-door ice)
Wine refrigerators (Informational)	Informational					100.0%		33.4%		
E-Star Compliant Upright Freezers	Freezer	10.0%	Tab 1a - R2 (breakdown by freezer type from GDS -VT Tech Potential Study)	8.0%	Tab 1a - PP7A_5, PP7B_5	92.0%		33.4%	Homes in service area which contain a freezer	
E-Star Compliant Chest Freezers	Freezer	8.9%	Tab 1a - R2 (breakdown by freezer type from GDS -VT Tech Potential Study)	8.0%	Tab 1a - PP7A_5, PP7B_5	16.0%		33.4%	Homes in service area which contain a freezer	
Energy Star Dehumidifier	Dehumidifier	10.2%	Tab 1a - DH1	53.8%	Tab 1a - PP7A_8, PP7B_8	46.2%		33.4%	Homes in service area with a dehumidifier	
Second Refrigerator Turn In	Refrigerator	3.9%	Tab 1a - R1			100.0%		33.4%	Homes in service area with 2+ refrigerators	Average 2 refrigerators in home with more than 1 refrigerator
Second Freezer Turn In	Freezer	0.8%	Tab 1a - R2			100.0%		33.4%	Homes in service area with 2+ freezers	Average 2 freezers in homes with more than 1 freezer

Residential Model - Multi Family Derivations

Induction Cooktop vs. Electric Coil Cooktop	Range	51.2%	Tab 1a - SH2 (See Comments)	0.0%	See Comments	100.0%		33.4%		End Use saturation is assumed to equal the percentage of homes not heated with gas. Could not find any saturation data for induction cooktops, but According to a recent Washington Post article (The Next Hot Thing? Well maybe. by Denise Di Fulco, May 8,2008), this is a new technology that was a novelty just a few years ago, but sales have picked up in 2008. Given that sales have only recently picked up, we assumed that their overall market penetration is approximately 0%.
Energy Star office equipment including monitors, copiers, multi-function machines.	Office Equipment	68.5%	Tab 1a - TC2	15.7%	Tab 1a - PP7A_11, PP7B_11	84.3%		33.4%	Homes in service area with 1 or more computers	Average 1.5 computers per home with 1 or more computers
TVs - Energy Star over standard	Television	100.0%	Tab 1a - TC1A, B, C	51.0%		49.0%		33.4%	Homes in service area	There are an average of 2.1 TVs per home. No survey data available on fraction of TVs that are Energy Star labeled. Based EE Stauration on Historical Energy Star market penetration data for the years 1999-2006 as reported by Estar and in a 2007 report by Tiax for the Consumer Electronics Association.
<b>Water Heating</b>										
Energy Star Dishwasher (Residential-w/Electric DHW)	Dishwasher	33.3%	Tab 2 - WH1, D1	17.4%	Tab 1a - PP7A_9, PP7B_9	82.6%		33.4%	Homes in service area with a dishwasher and natural gas DHW	
Energy Star Dishwasher (Residential-w/Gas DHW)	Dishwasher	36.2%	Tab 2 - WH1, D1	17.4%	Tab 1a - PP7A_9, PP7B_9	82.6%		33.4%	Homes in service area with a dishwasher and electric DHW	
Energy Star Dishwasher (Residential-w/Propane DHW)	Dishwasher	8.7%	Tab 2 - WH1, D1	17.4%	Tab 1a - PP7A_9, PP7B_9	82.6%		33.4%	Homes in service area with a dishwasher and propane DHW	
Energy Star Dishwasher (Residential-w/Oil DHW)	Dishwasher	8.7%	Tab 2 - WH1, D1	17.4%	Tab 1a - PP7A_9, PP7B_9	82.6%		33.4%	Homes in service area with a dishwasher and oil DHW	
Beyond Energy Star Dishwasher (Residential-w/Electric DHW)	Dishwasher	33.3%	Tab 2 - WH1, D1	17.4%	Tab 1a - PP7A_9, PP7B_9	82.6%		33.4%	Homes in service area with a dishwasher and electric DHW	
Beyond Energy Star Dishwasher (Residential-w/Gas DHW)	Dishwasher	36.2%	Tab 2 - WH1, D1	17.4%	Tab 1a - PP7A_9, PP7B_9	82.6%		33.4%	Homes in service area with a dishwasher and natural gas DHW	
Beyond Energy Star Dishwasher (Residential-w/Propane DHW)	Dishwasher	8.7%	Tab 2 - WH1, D1	17.4%	Tab 1a - PP7A_9, PP7B_9	82.6%		33.4%	Homes in service area with a dishwasher and propane DHW	
Beyond Energy Star Dishwasher (Residential-w/Oil DHW)	Dishwasher	8.7%	Tab 2 - WH1, D1	17.4%	Tab 1a - PP7A_9, PP7B_9	82.6%		33.4%	Homes in service area with a dishwasher and oil DHW	
Energy Star Clothes Washer (w/ Electric DHW)	Clothes Washer	33.0%	Tab 2 - WH1, CW1	26.8%	Tab 1a - PP7A_6, PP7B_6	73.2%		33.4%	Homes in service area with a clothes washer and electric DHW	
Energy Star Clothes Washer (w/ Gas DHW)	Clothes Washer	39.2%	Tab 2 - WH1, CW1	26.8%	Tab 1a - PP7A_6, PP7B_6	73.2%		33.4%	Homes in service area with a clothes washer and natural gas DHW	
Energy Star Clothes Washer (w/ Propane DHW)	Clothes Washer	9.3%	Tab 2 - WH1, CW1	26.8%	Tab 1a - PP7A_6, PP7B_6	73.2%		33.4%	Homes in service area with a clothes washer and propane DHW	
Energy Star Clothes Washer (w/ Oil DHW)	Clothes Washer	7.2%	Tab 2 - WH1, CW1	26.8%	Tab 1a - PP7A_6, PP7B_6	73.2%		33.4%	Homes in service area with a clothes washer and oil DHW	

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Natural Gas Clothes Dryer Fuel Switch	Electric Clothes Dryer	68.5%	Tab 1a - CW3, CW4	0.0%		100.0%		33.4%	Homes in service area with an electric dryer	
Propane Clothes Dryer Fuel Switch	Electric Clothes Dryer	68.5%	Tab 1a - CW3, CW4	0.0%		100.0%		33.4%	Homes in service area with an electric dryer	
Efficient Water Heater (EF=0.93)	Water Heating	33.1%	Tab 1a - WH1	13.4%	Tab 1a - PP7A_3, PP7B_3	86.6%		33.4%	Homes in service area with an electric water heater	There is a question in the survey that asks if the water heater that was purchased in the last five years has an Energy Star Logo. However, Energy Star does not label water heaters. I used the response to this question as a proxy for the number of water heaters purchased in the last five years that are energy efficient.
High efficiency water heater (EF=0.95)	Water Heating	33.1%	Tab 1a - WH1	13.4%	Tab 1a - PP7A_3, PP7B_3	86.6%		33.4%	Homes in service area with an electric water heater	
High Efficiency Water Heater - Natural Gas (EF=0.62)	Water Heating	39.4%	Tab 1a - WH1	13.4%	Tab 1a - PP7A_3, PP7B_3	86.6%		33.4%	Homes in service area with a natural gas water heater	
High Efficiency Water Heater - Natural Gas (EF=0.67)	Water Heating	39.4%	Tab 1a - WH1	13.4%	Tab 1a - PP7A_3, PP7B_3	86.6%		33.4%	Homes in service area with a natural gas water heater	
High Efficiency Water Heater - Propane (EF=0.67)	Water Heating	8.7%	Tab 1a - WH1	13.4%	Tab 1a - PP7A_3, PP7B_3	86.6%		33.4%	Homes in service area with a propane water heater	
High Efficiency Water Heater - Oil (EF=0.66)	Water Heating	7.1%	Tab 1a - WH1	13.4%	Tab 1a - PP7A_3, PP7B_3	86.6%		33.4%	Homes in service area with an oil water heater	
Gas-Condensing Water Heater - Natural Gas (EF=0.80)	Water Heating	39.4%	Tab 1a - WH1	13.4%	Tab 1a - PP7A_3, PP7B_3	86.6%		33.4%	Homes in service area with a natural gas water heater	
Gas-Condensing Water Heater - Propane (EF=0.80)	Water Heating	8.7%	Tab 1a - WH1	13.4%	Tab 1a - PP7A_3, PP7B_3	86.6%		33.4%	Homes in service area with a propane water heater	
Whole-House Tankless Water Heater - Nat Gas <=200 kBTUH	Water Heating	15.7%	Tab 3 - SH2, SH3, SH4	13.4%	Tab 1a - PP7A_3, PP7B_3	86.6%		33.4%	Homes in service area with a natural gas boiler	
Whole-House Tankless Water Heater - Electric <=12 kW	Water Heating	33.1%	Tab 1a - WH1	13.4%	Tab 1a - PP7A_3, PP7B_3	86.6%		33.4%	Homes in service area with electric water heater	
Indirect-fired domestic water heater - NG boiler w/ EF = 0.65	Water Heating	15.7%	Tab 3 - SH2, SH3, SH4	13.4%	Tab 1a - PP7A_3, PP7B_3	86.6%		33.4%	Homes in service area with a natural gas boiler	
Heat Pump Water Heater	Water Heating	33.1%	Tab 1a - WH1	4.4%	RMLD Tech Potential (GDS: GDS Estimate based on age of housing, measure assumptions and other key factors, Base: Medium Size Tank (40-49gal.) ; EF=.90 EE: Medium Size Tank (40-49 gal.) ; EF=2.0)	95.6%		33.4%	Homes in service area with electric water heater	
Solar Water Heating - Active, w/ Elec Backup	Water Heating	33.1%	Tab 1a - WH1	1.0%	RMLD Tech Potential (RECS HC5: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC5-9b. Appliances by Northeast Census Region, Percent of U.S. Households, Assumes Base: Medium Size Tank (40-49gal.) ; EF=.90 EE: Medium Size Tank (40-49 gal.) ; EF=1.8)	99.0%		33.4%	Homes in service area with electric water heater	

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Solar Water Heating - Active, w/ Gas Backup	Water Heating	39.4%	Tab 1a - WH1	1.0%	RMLD Tech Potential (RECS HC5: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC5-9b. Appliances by Northeast Census Region, Percent of U.S. Households, Assumes Base: Medium Size Tank (40-49gal.) ; EF=.90 EE: Medium Size Tank (40-49 gal.) ; EF=1.8)	99.0%		33.4%	Homes in service area with natural gas water heater	
Solar Water Heating - Active, w/ Propane Backup	Water Heating	8.7%	Tab 1a - WH1	1.0%	RMLD Tech Potential (RECS HC5: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC5-9b. Appliances by Northeast Census Region, Percent of U.S. Households, Assumes Base: Medium Size Tank (40-49gal.) ; EF=.90 EE: Medium Size Tank (40-49 gal.) ; EF=1.8)	99.0%		33.4%	Homes in service area with propane water heater	
Solar Water Heating - Active, w/ Oil Backup	Water Heating	7.1%	Tab 1a - WH1	1.0%	RMLD Tech Potential (RECS HC5: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC5-9b. Appliances by Northeast Census Region, Percent of U.S. Households, Assumes Base: Medium Size Tank (40-49gal.) ; EF=.90 EE: Medium Size Tank (40-49 gal.) ; EF=1.8)	99.0%		33.4%	Homes in service area with oil water heater	
Low Flow Showerhead/Faucets - electric	Water Heating	33.1%	Tab 1a - WH1	37.8%	Tab 1a - WH4	62.2%		33.4%	Homes in service area with electric water heater	
Low Flow Showerhead/Faucets - gas	Water Heating	39.4%	Tab 1a - WH1	37.8%	Tab 1a - WH4	62.2%		33.4%	Homes in service area with natural gas water heater	
Low Flow Showerhead/Faucets - LPG	Water Heating	8.7%	Tab 1a - WH1	37.8%	Tab 1a - WH4	62.2%		33.4%	Homes in service area with propane water heater	
Low Flow Showerhead/Faucets - oil	Water Heating	7.1%	Tab 1a - WH1	37.8%	Tab 1a - WH4	62.2%		33.4%	Homes in service area with oil water heater	
Pipe Wrap - electric DHW	Water Heating	33.1%	Tab 1a - WH1	10.0%	RMLD Tech Potential (GDS: GDS Estimate based on age of housing, measure assumptions and other key factors)	90.0%		33.4%	Homes in service area with electric water heater	Not included in survey
Pipe Wrap - gas DHW	Water Heating	39.4%	Tab 1a - WH1			100.0%		33.4%	Homes in service area with natural gas water heater	
Pipe Wrap - LPG DHW	Water Heating	8.7%	Tab 1a - WH1			100.0%		33.4%	Homes in service area with propane water heater	
Pipe Wrap - oil DHW	Water Heating	7.1%	Tab 1a - WH1			100.0%		33.4%	Homes in service area with oil water heater	

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Water Heater Blanket/Tank Insulation - electric only	Water Heating	33.1%	Tab 1a - WH1	10.0%	RMLD Tech Potential (GDS: GDS Estimate based on age of housing, measure assumptions and other key factors)	90.0%		33.4%	Homes in service area with electric water heater	This measure is being phased out in many locales. Heaters last 10 years on average and most new machines have the additional insulation once provided by wraps. Many warranties are void with added insulation.
Horizontal Axis Washer-Dryer Combination Unit (informational)	Informational					100.0%		33.4%		
Built-in Interior Clothes Lines in new construction (informational)	Informational					100.0%		33.4%		
<b>Lighting</b>										
CFL Bulbs (Homes w/ partial CFL installation) - High Use	Lighting	64.7%	Tab 1a - L3	34.9%	Tab 1a - Weighted number (L4A) and % (L4B) responses	65.1%		33.4%	Homes in service area	High Use/Low Use breakdown not available in the survey
CFL Bulbs (Homes w/ partial CFL installation) - Low Use	Lighting	64.7%	Tab 1a - L3	34.9%	Tab 1a - Weighted number (L4A) and % (L4B) responses	65.1%		33.4%	Homes in service area	High Use/Low Use breakdown not available in the survey
CFL Bulbs (Homes w/ no CFL bulbs installed) - High Use	Lighting	34.5%	Tab 1a - L3	0.0%		100.0%		33.4%	Homes in service area	
CFL Bulbs (Homes w/ no CFL bulbs installed) - Low Use	Lighting	34.5%	Tab 1a - L3	0.0%		100.0%		33.4%	Homes in service area	
LED options, inc. MR 16, R16, R20, R30, R38 & G25	Lighting	100.0%				100.0%		33.4%	Homes in service area	Not included in survey
LED Exit Signs	Commercial Measure					100.0%		33.4%		Commercial Measure
CFL Torchiere (residential)	Lighting					100.0%		33.4%		Included in CFL Bulbs
CFL Torchiere (commercial)	Commercial Measure					100.0%		33.4%		Commercial Measure
CFL fixtures- exterior (high use)	Lighting					100.0%		33.4%		Included in CFL Bulbs
Occupancy sensors	Lighting					100.0%		33.4%	Homes in service area	Not included in survey
Timers/Motion/Photocell controlled outdoor lighting	Lighting	100.0%		15.0%	2003 CA Study by Architectural Energy Corp for CA Energy Comm.	85.0%		33.4%	Homes in service area with outdoor lighting	Not included in survey. Assumed 100% of homes have at least 1 outdoor socket
Daylighting options, including retrofit & light tubes (informational)	Lighting					100.0%		33.4%		
Cold Cathode Bulbs (informational)	Informational					100.0%		33.4%		
<b>Space Conditioning (Heating and Cooling)</b>										
Programmable Thermostats (SF) - electric (Heating only)	Space Heating	9.4%	Tab 1a - SH2	42.9%	Tab 1c - SH14	57.1%		33.4%	Homes in service area with electric heat & no central air	
Programmable Thermostats (SF) - electric (Heating + Central Air)	Space Heating/Cooling	0.0%	Tab 3 - SH2, SH4			100.0%		33.4%	Homes in service area with electric heat & central air	This measure should be deleted because saturation of electrically heated homes with central air is 0%
Programmable Thermostats (SF) - gas furnace (Heating only)	Space Heating	12.6%	Tab 3 - SH2, SH3	43.8%	Tab 1c - SH14	56.2%		33.4%	Homes in service area with natural gas furnace & no central air	
Programmable Thermostats (SF) - gas furnace (Heating + Central Air)	Space Heating/Cooling	10.2%	Tab 3 - SH2, SH3	43.8%	Tab 1c - SH14	56.2%		33.4%	Homes in service area with natural gas furnace & central air	
Programmable Thermostats (SF) - gas boiler (Heating only)	Space Heating	16.5%	Tab 3 - SH2, SH3	43.8%	Tab 1c - SH14	56.2%		33.4%	Homes in service area with natural gas boiler & no central air	
Programmable Thermostats (SF) - gas boiler (Heating + Central Air)	Space Heating/Cooling	0.8%	Tab 3 - SH2, SH3	43.8%	Tab 1c - SH14	56.2%		33.4%	Homes in service area with natural gas boiler & central air	
Programmable Thermostats (SF) - oil furnace (Heating only)	Space Heating	14.2%	Tab 3 - SH2, SH3	13.8%	Tab 1c - SH14	86.2%		33.4%	Homes in service area with oil furnace & no central air	
Programmable Thermostats (SF) - oil furnace (Heating + Central Air)	Space Heating/Cooling	2.4%	Tab 3 - SH2, SH3	13.8%	Tab 1c - SH14	86.2%		33.4%	Homes in service area with oil furnace & central air	

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Programmable Thermostats (SF) - oil boiler (Heating only)	Space Heating	4.7%	Tab 3 - SH2, SH3	13.8%	Tab 1c - SH14	86.2%		33.4%	Homes in service area with oil boiler & no central air	
Programmable Thermostats (SF) - oil boiler (Heating + Central Air)	Space Heating/Cooling	0.0%	Tab 3 - SH2, SH3	13.8%	Tab 1c - SH14	86.2%		33.4%	Homes in service area with oil boiler & central air	
Efficient Furnace Fan (Non-Electric Furnace)	Space Heating	49.6%	Tab 1a - SH3	14.2%	Tab 1a - SH7, SH8	85.8%		33.4%	Homes in service area with non-electric furnace	This measure was not specifically addressed in the survey. Base case factor is based on fairly new (<=10 yrs. old) systems that respondents said are energy efficient
HVAC Tune-Up (Electric Heat)	Space Heating	9.4%	Tab 1a - SH2	44.4%	Tab 1c - SH6	55.6%		33.4%	Homes in service area with electric heat	Due to low # of respondents, use average across all fuel types
HVAC Tune-Up (Gas Heat)	Space Heating	48.8%	Tab 1a - SH2	53.8%	Tab 1c - SH6	46.2%		33.4%	Homes in service area with gas heat	
HVAC Tune-Up (Oil Heat)	Space Heating	22.8%	Tab 1a - SH2	83.3%	Tab 1c - SH6	16.7%		33.4%	Homes in service area with oil heat	
Energy Star Room A/C	Room AC	59.1%	Tab 1a - SC7	37.3%	Tab 1a - PP7A_2, PP7B_2	62.7%		33.4%	Homes in service area with one or more window A/C units	Average of 1.6 plugged in room air conditioners per home with at least 1 room air conditioner
Energy Star ceiling fans	Impacts Heating & Cooling					100.0%		33.4%		Not included in survey
High Efficiency Central AC (Tier 1)	Central AC	21.3%	Tab 1a - SC1	18.5%	Tab 1a - PP7A_1, PP7B_1	81.5%		33.4%	Homes in service area with central AC	
High Efficiency Central AC (Tier 2)	Central AC	21.3%	Tab 1a - SC1	18.5%	Tab 1a - PP7A_1, PP7B_1	81.5%		33.4%	Homes in service area with central AC	
High Efficiency Heat Pump (Tier 1)	Heating/Cooling	100.0%		3.0%	RMLD Tech Potential (GDS/EPRI: GDS assumptions based on information from Residential HVAC Data, Assumptions and Methodology for end use forecasting with EPRI REEPS 2.1 1994)	97.0%		33.4%	Homes in service area	Primarily a moderate climate technology. Not included in survey.
High Efficiency Heat Pump (Tier 2)	Heating/Cooling	100.0%		4.0%	RMLD Tech Potential (GDS/EPRI: GDS assumptions based on information from Residential HVAC Data, Assumptions and Methodology for end use forecasting with EPRI REEPS 2.1 1994)	96.0%		33.4%	Homes in service area	Primarily a moderate climate technology. Not included in survey.
Ground Source Heat Pump	Heating/Cooling	100.0%		1.0%	RMLD Tech Potential (NWAAlliance: NWAAlliance.org Market Research Report on Ground Source Heat Pump Market Assessment 9/2000)	99.0%		33.4%	Homes in service area	
HE Whole House Fans	Air Conditioning	100.0%				100.0%		33.4%	Homes in service area	
High Efficiency Furnace - Natural Gas	Space Heating	22.8%	Tab 3 - SH2, SH3	12.9%	Tab 1a - SH2; Tab 3 - SH8, SH2;	87.1%		33.4%	Homes in service area with natural gas furnace	
High Efficiency Furnace - Propane	Space Heating	4.7%	Tab 3 - SH2, SH3	26.7%	Tab 1a - SH2; Tab 3 - SH8, SH2;	73.3%		33.4%	Homes in service area with propane furnace	
High Efficiency Furnace - Oil	Space Heating	16.5%	Tab 3 - SH2, SH3	13.8%	Tab 1a - SH2; Tab 3 - SH8, SH2;	86.2%		33.4%	Homes in service area with oil furnace	
High Efficiency Boiler - Natural Gas	Space Heating	17.3%	Tab 3 - SH2, SH3	12.9%	Tab 1a - SH2; Tab 3 - SH8, SH2;	87.1%		33.4%	Homes in service area with natural gas boiler	
High Efficiency Boiler - Propane	Space Heating	5.9%	Tab 3 - SH2, SH3	26.7%	Tab 1a - SH2; Tab 3 - SH8, SH2;	73.3%		33.4%	Homes in service area with propane boiler	
High Efficiency Boiler - Oil	Space Heating	4.7%	Tab 3 - SH2, SH3	13.8%	Tab 1a - SH2; Tab 3 - SH8, SH2;	86.2%		33.4%	Homes in service area with oil boiler	



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Improved Steam Vents (SF) - gas	Space Heating	0.8%	Tab 3 - SH2, SH3	0.0%	Tab 1a - SH2; Tab 3 - SH8, SH2;	100.0%		33.4%	Homes in service area with natural gas steam boiler	Should consider dropping this measure or combining all steam trap measures because the percentage of homes with natural gas steam boilers is less than 1%
Improved Steam Vents (SF) - LPG	Space Heating	0.0%	Tab 3 - SH2, SH3	0.0%	Tab 1a - SH2; Tab 3 - SH8, SH2;	100.0%		33.4%	Homes in service area with LPG steam boiler	Should consider dropping this measure or combining all steam trap measures because the percentage of homes with natural gas steam boilers is less than 1%
Improved Steam Vents (SF) - oil	Space Heating	0.0%	Tab 3 - SH2, SH3	0.0%	Tab 1a - SH2; Tab 3 - SH8, SH2;	100.0%		33.4%	Homes in service area with oil steam boiler	Might want to combine all of the steam trap measures because of low saturation of steam boilers
Efficient Steam Boiler (SF) - gas	Space Heating	0.8%	Tab 3 - SH2, SH3	0.0%	Tab 1a - SH2; Tab 3 - SH8, SH2;	100.0%		33.4%	Homes in service area with natural gas steam boiler	Should consider dropping this measure or combining all efficient steam boiler measures because the percentage of homes with natural gas steam boilers is less than 1%
Efficient Steam Boiler (SF) - LPG	Space Heating	0.0%	Tab 3 - SH2, SH3	0.0%	Tab 1a - SH2; Tab 3 - SH8, SH2;	100.0%		33.4%	Homes in service area with LPG steam boiler	Should consider dropping this measure or combining all efficient steam boiler measures because the percentage of homes with natural gas steam boilers is less than 1%
Efficient Steam Boiler (SF) - oil	Space Heating	0.0%	Tab 3 - SH2, SH3	0.0%	Tab 1a - SH2; Tab 3 - SH8, SH2;	100.0%		33.4%	Homes in service area with oil steam boiler	Might want to combine all of the efficient steam boiler measures because of low saturation of steam boilers
Duct Sealing - electric	Heating/Cooling	8.6%	RMLD Residential Tech Potential (RECS HC3: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC3-9b. Space Heating by Northeast Census Region, Percent of U.S. Households.)	25.0%	RMLD Residential Tech Potential (GDS: GDS Estimate based on age of housing, measure assumptions and other key factors, Base: Assumes 2 Ton Unit with SEER 10 & HSPF 6.8 (Boston MA))	75.0%		33.4%	Homes in service area with electric heat - forced hot air	Small N (N=3) Forced Hot Air/Electric is not specified
Duct Sealing - gas	Heating/Cooling	22.8%	Tab 3 - SH2, SH3	50.0%	RMLD Residential Tech Potential (GDS: GDS Estimate based on age of housing, measure assumptions and other key factors, Assumes 2Ton Unit, with 500 Full Load Cooling Hrs. SEER 10)	50.0%		33.4%	Homes in service area with natural gas heat - forced hot air	Duct sealing not addressed in survey
Duct Sealing - LPG	Heating/Cooling	4.7%	Tab 3 - SH2, SH3			100.0%		33.4%	Homes in service area with LPG heat - forced hot air	Duct sealing not addressed in survey

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Duct Sealing - oil	Heating/Cooling	16.5%	Tab 3 - SH2, SH3	50.0%	RMLD Residential Tech Potential (GDS: GDS Estimate based on age of housing, measure assumptions and other key factors. Assumes 2Ton Unit, with 500 Full Load Cooling Hrs. SEER 10)	50.0%	33.4%	Homes in service area with oil heat - forced hot air	Duct sealing not addressed in survey
Off Peak Cooling w/ Thermal Energy Storage (Informational)	Informational					100.0%	33.4%		
Combo Systems (Informational)	Informational					100.0%	33.4%		
<b>Building Envelope</b>									
Integrated Building Design - Good (ENERGY STAR Home ~ 20% Savings) - Electric Heat	Total Home Electric Use	100.0%				100.0%	33.4%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Better (ENERGY STAR Home ~35% Savings) - Electric Heat	Total Home Electric Use	100.0%				100.0%	33.4%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Best (ENERGY STAR Home ~ 50% Savings) - Electric Heat	Total Home Electric Use	100.0%				100.0%	33.4%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Good (ENERGY STAR Home ~ 20% Savings) - Gas Heat	Total Home Gas Use	100.0%				100.0%	33.4%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Better (ENERGY STAR Home ~35% Savings) - Gas Heat	Total Home Gas Use	100.0%				100.0%	33.4%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Best (ENERGY STAR Home ~ 50% Savings) -Gas Heat	Total Home Gas Use	100.0%				100.0%	33.4%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Good (ENERGY STAR Home ~ 20% Savings) - LPG Heat	Total Home LPG Use	100.0%				100.0%	33.4%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Better (ENERGY STAR Home ~35% Savings) - LPG Heat	Total Home LPG Use	100.0%				100.0%	33.4%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Best (ENERGY STAR Home ~ 50% Savings) - LPG Heat	Total Home LPG Use	100.0%				100.0%	33.4%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Good (ENERGY STAR Home ~ 20% Savings) - Oil Heat	Total Home Oil Use	100.0%				100.0%	33.4%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Better (ENERGY STAR Home ~35% Savings) -Oil Heat	Total Home Oil Use	100.0%				100.0%	33.4%	New Homes	No question in the survey regarding Energy Star Homes
Integrated Building Design - Best (ENERGY STAR Home ~ 50% Savings) - Oil Heat	Total Home Oil Use	100.0%				100.0%	33.4%	New Homes	No question in the survey regarding Energy Star Homes
Energy Efficient Windows (SF) - electric heat	Heating/Cooling	9.4%		14.3%	Tab 1c - PP7A_10, PP7B_10	85.7%	33.4%	Homes in service area with electric heat	
Energy Efficient Windows (SF) - gas heat	Heating/Cooling	48.8%		14.1%	Tab 1c - PP7A_10, PP7B_10	85.9%	33.4%	Homes in service area with natural gas heat	
Energy Efficient Windows (SF) - LPG heat	Heating/Cooling	11.8%		11.1%	Tab 1c - PP7A_10, PP7B_10	88.9%	33.4%	Homes in service area with LPG heat	
Energy Efficient Windows (SF) - oil heat	Heating/Cooling	22.8%		9.8%	Tab 1c - PP7A_10, PP7B_10	90.3%	33.4%	Homes in service area with oil heat	
Interior Storm Windows (Low-e or double clear film)	Heating/Cooling	100.0%		29.9%	Tab 1a - BE1_1	70.1%	33.4%	Homes in service area	
Cool roofing/white roof/green roof (Central AC)	Central AC	100.0%				100.0%	33.4%	Homes in service area	Not included in the survey
Exterior Door Insulation (New, Replacement, Retrofit)	Heating/Cooling	100.0%				100.0%	33.4%	Homes in service area	Is this a storm door? Not included in survey
Tree Shading (Central Air)	Central AC	21.3%	Tab 1a - SC1	50.4%	RMLD Tech Potential (RECS HC4: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC4-9b. Air Conditioning by Northeast Census Region, Percent of U.S. Households, Assumes 2Ton Unit, with 500 Full Load Cooling Hrs. SEER 10)	49.6%	33.4%	Homes in service area with central AC	Tree shading not addressed in survey

Residential Model - Multi Family Derivations

Tree Shading (Room AC)	Central AC	59.1%	Tab 1a - SC7	50.4%	RMLD Tech Potential (RECS HC4: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC4-9b. Air Conditioning by Northeast Census Region, Percent of U.S. Households, Base: Assumes 1200 sq ft. house)	49.6%		33.4%	Homes in service area with Room AC	Tree shading not addressed in survey
Tree Shading (Central Air)	Central AC			50.4%	RMLD Tech Potential (RECS HC4: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC4-9b. Air Conditioning by Northeast Census Region, Percent of U.S. Households, Assumes 2Ton Unit, with 500 Full Load Cooling Hrs. SEER 10)	49.6%		33.4%		Duplicate measure
Tree Shading (Room AC)	Central AC			50.4%	RMLD Tech Potential (RECS HC4: GDS Calculation based on Data in the Residential Energy Consumption Survey 2001 (RECS) Table HC4-9b. Air Conditioning by Northeast Census Region, Percent of U.S. Households, Base: Assumes 1200 sq ft. house)	49.6%		33.4%		Duplicate measure
Insulation/weatherization package - electric heat - multi family	Space Heating	9.4%	Tab 1a - SH2	16.7%	Tab 3 - SH2, BE3	83.3%		33.4%	Homes in service area with electric heat	Which insulation weatherization measures will be included? These combined measures or the detailed good/better/best (note Small N =3 for electric heat)
Insulation/weatherization package - gas heat	Space Heating	48.8%	Tab 1a - SH2	14.5%	Tab 3 - SH2, BE3	85.5%		33.4%	Homes in service area with natural gas heat	base case = respondents that said they have added insulation
Insulation/weatherization package - LPG heat	Space Heating	11.8%	Tab 1a - SH2	26.7%	Tab 3 - SH2, BE3	73.3%		33.4%	Homes in service area with LPG heat	base case = respondents that said they have added insulation
Insulation/weatherization package - oil heat	Space Heating	22.8%	Tab 1a - SH2	24.1%	Tab 3 - SH2, BE3	75.9%		33.4%	Homes in service area with oil heat	base case = respondents that said they have added insulation
Insulation/weatherization package - Good (Improved Base Home) - Electric Heat	Space Heating	9.4%	Tab 1a - SH2	12.5%	Tab 3 - SH2, BE3	87.5%		33.4%	Homes in service area with electric heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Better (Improved Base Home to Current NH Code) - Electric Heat	Space Heating	9.4%	Tab 1a - SH2	4.2%	Tab 3 - SH2, BE3	95.8%		33.4%	Homes in service area with electric heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Best (Major Renovation to ES Home Levels) - Electric Heat	Space Heating	9.4%	Tab 1a - SH2	0.0%	Tab 3 - SH2, BE3	100.0%		33.4%	Homes in service area with electric heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Good (Improved Base Home) - Gas Heat	Space Heating	48.8%	Tab 1a - SH2	10.9%	Tab 3 - SH2, BE3	89.1%		33.4%	Homes in service area with natural gas heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Better (Improved Base Home to Current NH Code) - Gas Heat	Space Heating	48.8%	Tab 1a - SH2	3.6%	Tab 3 - SH2, BE3	96.4%		33.4%	Homes in service area with natural gas heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Best (Major Renovation to ES Home Levels) - Gas Heat	Space Heating	48.8%	Tab 1a - SH2	0.0%	Tab 3 - SH2, BE3	100.0%		33.4%	Homes in service area with natural gas heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Good (Improved Base Home) - LPG Heat	Space Heating	11.8%	Tab 1a - SH2	20.0%	Tab 3 - SH2, BE3	80.0%		33.4%	Homes in service area with LPG heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)

## Residential Model - Multi Family Derivations

Insulation/weatherization package - Better (Improved Base Home to Current NH Code) - LPG Heat	Space Heating	11.8%	Tab 1a - SH2	6.7%	Tab 3 - SH2, BE3	93.3%		33.4%	Homes in service area with LPG heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Best (Major Renovation to ES Home Levels) - LPG Heat	Space Heating	11.8%	Tab 1a - SH2	0.0%	Tab 3 - SH2, BE3	100.0%		33.4%	Homes in service area with LPG heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Good (Improved Base Home) - Oil Heat	Space Heating	22.8%	Tab 1a - SH2	18.1%	Tab 3 - SH2, BE3	81.9%		33.4%	Homes in service area with oil heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Better (Improved Base Home to Current NH Code) - Oil Heat	Space Heating	22.8%	Tab 1a - SH2	6.0%	Tab 3 - SH2, BE3	94.0%		33.4%	Homes in service area with oil heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulation/weatherization package - Best (Major Renovation to ES Home Levels) - Oil Heat	Space Heating	22.8%	Tab 1a - SH2	0.0%	Tab 3 - SH2, BE3	100.0%		33.4%	Homes in service area with oil heat	base case = respondents that said they have added insulation (assume 75%-good, 25% better, 0% best)
Insulating Concrete Forms (ICFs) for renovations/additions - electric heat	Space Heating	9.4%	Tab 1a - SH2			100.0%		33.4%	Homes in service area with electric heat	This level of insulation detail not included in the survey
Insulating Concrete Forms (ICFs) for renovations/additions - gas heat	Space Heating	48.8%	Tab 1a - SH2			100.0%		33.4%	Homes in service area with natural gas heat	This level of insulation detail not included in the survey
Insulating Concrete Forms (ICFs) for renovations/additions - LPG heat	Space Heating	11.8%	Tab 1a - SH2			100.0%		33.4%	Homes in service area with LPG heat	This level of insulation detail not included in the survey
Insulating Concrete Forms (ICFs) for renovations/additions - oil heat	Space Heating	22.8%	Tab 1a - SH2			100.0%		33.4%	Homes in service area with oil heat	This level of insulation detail not included in the survey
Structural Insulated Panels (SIPs) for renovations/additions - electric heat	Space Heating	9.4%	Tab 1a - SH2			100.0%		33.4%	Homes in service area with electric heat	This level of insulation detail not included in the survey
Structural Insulated Panels (SIPs) for renovations/additions - gas heat	Space Heating	48.8%	Tab 1a - SH2			100.0%		33.4%	Homes in service area with natural gas heat	This level of insulation detail not included in the survey
Structural Insulated Panels (SIPs) for renovations/additions - LPG heat	Space Heating	11.8%	Tab 1a - SH2			100.0%		33.4%	Homes in service area with LPG heat	This level of insulation detail not included in the survey
Structural Insulated Panels (SIPs) for renovations/additions - oil heat	Space Heating	22.8%	Tab 1a - SH2			100.0%		33.4%	Homes in service area with oil heat	This level of insulation detail not included in the survey
New Construction (standard) - Electric Heat	Space Heating	100.0%		RMLD Tech Potential (Average kWh and Gas Consumption for all existing homes * 1.204 New Homes : Existing Homes ratio of energy consumption, based on EIA data.)		100.0%		33.4%	New Homes	This is a baseline not a measure
New Construction (standard) - Natural Gas Heat	Space Heating	100.0%				100.0%		33.4%	New Homes	This is a baseline not a measure
New Construction (standard) - Propane Heat	Space Heating	100.0%				100.0%		33.4%	New Homes	This is a baseline not a measure
New Construction (standard) - Oil Heat	Space Heating	100.0%				100.0%		33.4%	New Homes	This is a baseline not a measure
New Construction (BPI) - Electric Heat	Space Heating	100.0%				100.0%		33.4%	New Homes	Isn't BPI a builder/contractor accreditation organization.?
New Construction (BPI) - Natural Gas Heat	Space Heating	100.0%				100.0%		33.4%	New Homes	Isn't BPI a builder/contractor accreditation organization.?
New Construction (BPI) - Propane Heat	Space Heating	100.0%				100.0%		33.4%	New Homes	Isn't BPI a builder/contractor accreditation organization.?
New Construction (BPI) - Oil Heat	Space Heating	100.0%				100.0%		33.4%	New Homes	Isn't BPI a builder/contractor accreditation organization.?
LI Insulation & Weatherization (Electrically Heated)	Space Heating	9.1%	Tab 5-SH2	30.3%		69.7%		33.4%	Low income homes in service area with electric heat	base case = respondents that said they have added insulation
LI Insulation & Weatherization (Natural Gas Heated)	Space Heating	24.2%	Tab 5-SH2	30.3%		69.7%		33.4%	Low income homes in service area with natural gas heat	base case = respondents that said they have added insulation

### Residential Model - Multi Family Derivations

LI Insulation & Weatherization (Propane Heated)	Space Heating	12.1%	Tab 5-SH2	30.3%		69.7%		33.4%	Low income homes in service area with propane heat	base case = respondents that said they have added insulation
LI Insulation & Weatherization (Oil Heated)	Space Heating	36.4%	Tab 5-SH2	30.3%		69.7%		33.4%	Low income homes in service area with oil heat	base case = respondents that said they have added insulation
LI Insulation & Weatherization (Central AC)	Central AC	9.1%	Tab 5-SC1	30.3%		69.7%		33.4%	Low income homes in service area with central AC	base case = respondents that said they have added insulation
LI Insulation & Weatherization (Room AC)	Room AC	78.8%	Tab 5-SC7	30.3%		69.7%		33.4%	Low income homes in service area with room AC	base case = respondents that said they have added insulation
LI Insulation & Weatherization (Electrically Heated)	Space Heating					100.0%		33.4%		Duplicate measure
LI Insulation & Weatherization (Natural Gas Heated)	Space Heating					100.0%		33.4%		Duplicate measure
LI Insulation & Weatherization (Propane Heated)	Space Heating					100.0%		33.4%		Duplicate measure
LI Insulation & Weatherization (Gas Heated)	Space Heating					100.0%		33.4%		Duplicate measure
LI Insulation & Weatherization (Central AC)	Central AC					100.0%		33.4%		Duplicate measure
LI Insulation & Weatherization (Room AC)	Room AC					100.0%		33.4%		Duplicate measure
<b>Standby Power and Automation</b>										
Standby Power (ES Plug loads including battery chargers, cordless phones, TV/DVD combo units, DVD, External Power adapters, home Audio)	Appliances	100.0%		15.0%		85.0%		33.4%	Homes in service area	Not addressed in the survey. Used data from GDS VT study
Energy Efficient "Smart" Power Strip for PC/Monitor/Printer	Computers/Printers	68.5%	Tab 1a - TC2			100.0%		33.4%	Homes in service area with 1 or more computers	Average 1.6 computers per home with 1 or more computers. This measure is not addressed in the survey. Similar savings are assumed to be included in Energy Star office equipment.
Home Automation & SMART Controls	Appliances	100.0%				100.0%		33.4%	Homes in service area	Not addressed in the survey
<b>Pools</b>										
Pool Pump and Motor	Pool					100.0%		33.4%	Homes in service area with a pool	Survey question only asked about heated pools
High efficiency spas/hot tubs	Spa/Hot Tub	5.9%	Tab 1a - HT1			100.0%		33.4%	Homes in service area with outdoor spa/hot tub	What is a high efficiency Spa/Hot Tub? Survey asks about covers and timers for the heater.
Solar Pool Heater	Pool	0.8%	Tab 1a - HT6			100.0%		33.4%	Homes in service area with heated pool	Very low saturation: May want to consider dropping all pool heating measures.
HE Pool Water Heater - Electric (EF=0.95)	Pool	0.8%	Tab 1a - HT6			100.0%		33.4%	Homes in service area with heated pool	Very low saturation: May want to consider dropping all pool heating measures.
HE Pool Water Heater - Natural Gas Propane (EF=0.67)	Pool	0.8%	Tab 1a - HT6			100.0%		33.4%	Homes in service area with heated pool	Very low saturation: May want to consider dropping all pool heating measures.
HE Pool Water Heater - Propane (EF=0.67)	Pool	0.8%	Tab 1a - HT6			100.0%		33.4%	Homes in service area with heated pool	Very low saturation: May want to consider dropping all pool heating measures.
Temperature control	Pool	0.8%	Tab 1a - HT6			100.0%		33.4%	Homes in service area with heated pool	Very low saturation: May want to consider dropping all pool heating measures.
Pool Cover	Pool	0.8%	Tab 1a - HT6			100.0%		33.4%	Homes in service area with heated pool	Very low saturation: May want to consider dropping all pool heating measures.
Outdoor ponds / fountains	Ponds/Fountains					100.0%		33.4%		Very low saturation: May want to consider dropping

# Tab 1 - Single Family Permanent Resident Survey Data

\*\*\*\*\*READ ME\*\*\*\*\*

\* cases selected if permanent resident (HC1=1)

AND

\* cases selected if single family home (HC2\_2=1).

## Crosstabs

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
HC2: What type of home is this residence? Is it: * Home type	380	100.0%	0	.0%	380	100.0%

**HC2: What type of home is this residence? Is it: \* Home type Crosstabulation**

		Home type			
		Single family home	Multifamily home	Total	
HC2: What type of home is this residence? Is it:	Single family detached house	Count	253	0	253
		% within Home type	100.0%	.0%	66.6%
	Townhouse, duplex, or row house	Count	0	43	43
		% within Home type	.0%	33.9%	11.3%
	an apartment or condo with 3-4 units	Count	0	29	29
		% within Home type	.0%	22.8%	7.6%
	an apartment or condo with 5 or more units	Count	0	35	35
		% within Home type	.0%	27.6%	9.2%
	Mobile home	Count	0	20	20
		% within Home type	.0%	15.7%	5.3%
	Total	Count	253	127	380
		% within Home type	100.0%	100.0%	100.0%

## Crosstabs

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
permanent or seasonal? * UTILITY	253	100.0%	0	.0%	253	100.0%
HC2: What type of home is this residence? Is it: * UTILITY	253	100.0%	0	.0%	253	100.0%
HC3: Do you own this home? * UTILITY	253	100.0%	0	.0%	253	100.0%
HC4: About when did you move in to this home? * UTILITY	253	100.0%	0	.0%	253	100.0%
HC5: About when was this residence built? * UTILITY	253	100.0%	0	.0%	253	100.0%

**permanent or seasonal? \* UTILITY Crosstabulation**

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
permanent or seasonal?	Permanent	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

**HC2: What type of home is this residence? Is it: \* UTILITY Crosstabulation**

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
HC2: What type of home is this residence? Is it:	Single family detached house	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

**HC3: Do you own this home? \* UTILITY Crosstabulation**

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
HC3: Do you own this home?	Yes	Count	27	44	128	42	241
		% within UTILITY	96.4%	95.7%	94.8%	95.5%	95.3%
	No	Count	1	2	7	2	12
		% within UTILITY	3.6%	4.3%	5.2%	4.5%	4.7%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

**HC4: About when did you move in to this home? \* UTILITY Crosstabulation**

		UTILITY				
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Tab 1 - Single Family Permanent Resident Survey Data

			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
HC4: About when did you move in to this home?	Before 1950	Count	0	0	1	2	3
		% within UTILITY	.0%	.0%	.7%	4.5%	1.2%
	1950 to 1979	Count	3	9	26	8	46
		% within UTILITY	10.7%	19.6%	19.3%	18.2%	18.2%
	1980 to 1989	Count	1	11	21	9	42
		% within UTILITY	3.6%	23.9%	15.6%	20.5%	16.6%
	1990 to 1999	Count	7	13	31	13	64
		% within UTILITY	25.0%	28.3%	23.0%	29.5%	25.3%
	2000 to 2004	Count	12	9	29	5	55
		% within UTILITY	42.9%	19.6%	21.5%	11.4%	21.7%
	2005 to 2006	Count	5	4	27	7	43
		% within UTILITY	17.9%	8.7%	20.0%	15.9%	17.0%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

HC5: About when was this residence built? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
HC5: About when was this residence built?	Before 1950	Count	11	13	26	12	62
		% within UTILITY	39.3%	28.3%	19.3%	27.3%	24.5%
	1950 to 1979	Count	6	9	52	11	78
		% within UTILITY	21.4%	19.6%	38.5%	25.0%	30.8%
	1980 to 1989	Count	2	7	18	7	34
		% within UTILITY	7.1%	15.2%	13.3%	15.9%	13.4%
	1990 to 1999	Count	4	9	12	9	34
		% within UTILITY	14.3%	19.6%	8.9%	20.5%	13.4%
	2000 to 2004	Count	4	3	17	4	28
		% within UTILITY	14.3%	6.5%	12.6%	9.1%	11.1%
	2005 to 2008	Count	0	2	8	0	10
		% within UTILITY	.0%	4.3%	5.9%	.0%	4.0%
	DONT KNOW	Count	1	3	2	1	7
		% within UTILITY	3.6%	6.5%	1.5%	2.3%	2.8%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

Frequency Table

HC6: How many rooms are there in this residence?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	3	6	2.4	2.4	2.4
	4	20	7.9	7.9	10.3
	5	61	24.1	24.1	34.4
	6	46	18.2	18.2	52.6
	7	47	18.6	18.6	71.1
	8	34	13.4	13.4	84.6
	9	23	9.1	9.1	93.7
	10	12	4.7	4.7	98.4
	11	2	.8	.8	99.2
	13	1	.4	.4	99.6
	15	1	.4	.4	100.0
	Total	253	100.0	100.0	

HC7: Approximately how many square feet of living space are there in this residence?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DONT KNOW	77	30.4	30.4	30.4
	6	1	.4	.4	30.8
	9	12	4.7	4.7	35.6
	100	1	.4	.4	36.0
	144	1	.4	.4	36.4
	240	1	.4	.4	36.8
	500	1	.4	.4	37.2
	600	1	.4	.4	37.5
	700	1	.4	.4	37.9
	720	2	.8	.8	38.7
	728	1	.4	.4	39.1
	900	3	1.2	1.2	40.3
	940	1	.4	.4	40.7
	960	2	.8	.8	41.5
	980	1	.4	.4	41.9
	999	1	.4	.4	42.3
	1000	10	4.0	4.0	46.2
	1100	4	1.6	1.6	47.8
	1144	1	.4	.4	48.2

Tab 1 - Single Family Permanent Resident Survey Data

1200	4	1.6	1.6	49.8
1250	1	.4	.4	50.2
1300	2	.8	.8	51.0
1400	8	3.2	3.2	54.2
1500	12	4.7	4.7	58.9
1600	4	1.6	1.6	60.5
1700	5	2.0	2.0	62.5
1728	1	.4	.4	62.8
1800	16	6.3	6.3	69.2
1850	1	.4	.4	69.6
1900	4	1.6	1.6	71.1
2000	12	4.7	4.7	75.9
2100	4	1.6	1.6	77.5
2200	5	2.0	2.0	79.4
2300	3	1.2	1.2	80.6
2400	6	2.4	2.4	83.0
2500	4	1.6	1.6	84.6
2600	6	2.4	2.4	87.0
2700	2	.8	.8	87.7
2742	1	.4	.4	88.1
2800	4	1.6	1.6	89.7
2890	1	.4	.4	90.1
3000	9	3.6	3.6	93.7
3200	2	.8	.8	94.5
3400	3	1.2	1.2	95.7
3500	3	1.2	1.2	96.8
3800	1	.4	.4	97.2
3900	1	.4	.4	97.6
4000	2	.8	.8	98.4
4300	1	.4	.4	98.8
5000	3	1.2	1.2	100.0
Total	253	100.0	100.0	

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
BE1_1: Which of the following types of windows does this home have?1 * UTILITY	253	100.0%	0	.0%	253	100.0%
BE1_2: Which of the following types of windows does this home have?2 * UTILITY	11	4.3%	242	95.7%	253	100.0%
BE1_3: Which of the following types of windows does this home have?3 * UTILITY	1	.4%	252	99.6%	253	100.0%
BE1_4: Which of the following types of windows does this home have?4 * UTILITY	1	.4%	252	99.6%	253	100.0%
BE2: How drafty would you say this house is? Would you say it is: * UTILITY	253	100.0%	0	.0%	253	100.0%
BE3: Have you ever added insulation to this home? * UTILITY	253	100.0%	0	.0%	253	100.0%
SH1: Do you pay for the fuel used to heat this home? * UTILITY	12	4.7%	241	95.3%	253	100.0%
SH2: What is the main fuel you use to heat this home? UTILITY	253	100.0%	0	.0%	253	100.0%
SH3: What type of heating system is your main source of heat? * UTILITY	214	84.6%	39	15.4%	253	100.0%
SH4: What type of heating system is your main source of heat? * UTILITY	3	1.2%	250	98.8%	253	100.0%
SH5: Do you use cord wood or pellets? * UTILITY	36	14.2%	217	85.8%	253	100.0%
SH6: When was the last time you had a tune-up or maintenance done on your main heating system? * UTILITY	253	100.0%	0	.0%	253	100.0%
SH7: About how old is your main heating system? * UTILITY	253	100.0%	0	.0%	253	100.0%
SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient? * UTILITY	129	51.0%	124	49.0%	253	100.0%



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SH9: Is this system we've been talking about the only way you heat this home? * UTILITY	253	100.0%	0	.0%	253	100.0%
SH10: What type of fuel does the secondary heating system use? * UTILITY	101	39.9%	152	60.1%	253	100.0%
SH11: What type of heating system is your secondary source of heat? * UTILITY	35	13.8%	218	86.2%	253	100.0%
SH12: What type of heating system is your secondary source of heat? * UTILITY	11	4.3%	242	95.7%	253	100.0%
SH13: Do you use cord wood or pellets? * UTILITY	53	20.9%	200	79.1%	253	100.0%
SH14: Do you have a programmable thermostat? * UTILITY	253	100.0%	0	.0%	253	100.0%

BE1\_1: Which of the following types of windows does this home have?|1 \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
BE1_1: Which of the following types of windows does this home have? 1	Single pane glass windows without storm windows	Count	1	5	5	1	12
		% within UTILITY	3.6%	10.9%	3.7%	2.3%	4.7%
	Single pane glass windows with storm windows	Count	3	9	28	9	49
		% within UTILITY	10.7%	19.6%	20.7%	20.5%	19.4%
	Double-pane glass windows without storm windows	Count	18	24	79	24	145
		% within UTILITY	64.3%	52.2%	58.5%	54.5%	57.3%
	Double-pane glass windows with storm windows	Count	6	8	21	7	42
		% within UTILITY	21.4%	17.4%	15.6%	15.9%	16.6%
	DONT KNOW	Count	0	0	2	3	5
		% within UTILITY	.0%	.0%	1.5%	6.8%	2.0%
Total	Count	28	46	135	44	253	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

BE1\_2: Which of the following types of windows does this home have?|2 \* UTILITY Crosstabulation

			UTILITY			
			NH Elec CoOp	PSNH	Unitil	Total
BE1_2: Which of the following types of windows does this home have? 2	Single pane glass windows without storm windows	Count	0	3	0	3
		% within UTILITY	.0%	50.0%	.0%	27.3%
	Single pane glass windows with storm windows	Count	0	1	0	1
		% within UTILITY	.0%	16.7%	.0%	9.1%
	Double-pane glass windows without storm windows	Count	1	2	2	5
		% within UTILITY	50.0%	33.3%	66.7%	45.5%
	Double-pane glass windows with storm windows	Count	1	0	1	2
		% within UTILITY	50.0%	.0%	33.3%	18.2%
	Total	Count	2	6	3	11
		% within UTILITY	100.0%	100.0%	100.0%	100.0%

BE1\_3: Which of the following types of windows does this home have?|3 \* UTILITY Crosstabulation

			UTILITY	
			PSNH	Total
BE1_3: Which of the following types of windows does this home have? 3	Single pane glass windows with storm windows	Count	1	1
		% within UTILITY	100.0%	100.0%
	Total	Count	1	1
		% within UTILITY	100.0%	100.0%

BE1\_4: Which of the following types of windows does this home have?|4 \* UTILITY Crosstabulation

			UTILITY	
			PSNH	Total
BE1_4: Which of the following types of windows does this home have? 4	Double-pane glass windows with storm windows	Count	1	1
		% within UTILITY	100.0%	100.0%
	Total	Count	1	1
		% within UTILITY	100.0%	100.0%

BE2: How drafty would you say this house is? Would you say it is: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
BE2: How drafty would you say this house is? Would you say it is:	Very drafty	Count	1	3	5	1	10
		% within UTILITY	3.6%	6.5%	3.7%	2.3%	4.0%
	Somewhat drafty	Count	9	6	26	10	51
		% within UTILITY	32.1%	13.0%	19.3%	22.7%	20.2%
	Not too drafty	Count	7	14	37	11	69
		% within UTILITY	25.0%	30.4%	27.4%	25.0%	27.3%
	Not drafty at all	Count	11	22	67	22	122
		% within UTILITY	39.3%	47.8%	49.6%	50.0%	48.2%
	DONT KNOW	Count	0	1	0	0	1
		% within UTILITY	.0%	.4%	.0%	.0%	.4%

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	% within UTILITY	.0%	2.2%	.0%	.0%	.4%
Total	Count	28	46	135	44	253
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

BE3: Have you ever added insulation to this home? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
BE3: Have you ever added insulation to this home?	Yes	Count	13	23	61	23	120
		% within UTILITY	46.4%	50.0%	45.2%	52.3%	47.4%
	No	Count	15	23	74	21	133
		% within UTILITY	53.6%	50.0%	54.8%	47.7%	52.6%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH1: Do you pay for the fuel used to heat this home? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SH1: Do you pay for the fuel used to heat this home?	Yes	Count	1	2	7	2	12
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%
	Total	Count	1	2	7	2	12
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH2: What is the main fuel you use to heat this home? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SH2: What is the main fuel you use to heat this home?	Natural gas purchased from	Count	25	1	4	3	33
		% within UTILITY	89.3%	2.2%	3.0%	6.8%	13.0%
	Electricity	Count	0	2	1	0	3
		% within UTILITY	.0%	4.3%	.7%	.0%	1.2%
	Bottled gas or propane: (CONFIRM: DELIVERED BY TRUCK)	Count	1	7	23	5	36
		% within UTILITY	3.6%	15.2%	17.0%	11.4%	14.2%
	Oil	Count	2	23	87	31	143
		% within UTILITY	7.1%	50.0%	64.4%	70.5%	56.5%
	Kerosene	Count	0	0	2	0	2
		% within UTILITY	.0%	.0%	1.5%	.0%	.8%
	Wood	Count	0	13	18	5	36
		% within UTILITY	.0%	28.3%	13.3%	11.4%	14.2%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH3: What type of heating system is your main source of heat? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	16	14	53	16	99
		% within UTILITY	57.1%	45.2%	45.7%	41.0%	46.3%
	Boiler + Radiator + Hot Water (aka forced hot water)	Count	5	9	24	6	44
		% within UTILITY	17.9%	29.0%	20.7%	15.4%	20.6%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	2	4	28	10	44
		% within UTILITY	7.1%	12.9%	24.1%	25.6%	20.6%
	Boiler + Radiator + Steam	Count	1	2	1	2	6
		% within UTILITY	3.6%	6.5%	.9%	5.1%	2.8%
	Radiator + DK (i.e., other components unknown)	Count	0	0	2	2	4
		% within UTILITY	.0%	.0%	1.7%	5.1%	1.9%
	Could Identify Fuel, But Not Equipment	Count	0	0	2	1	3
		% within UTILITY	.0%	.0%	1.7%	2.6%	1.4%
	Other (please specify)	Count	2	1	1	0	4
		% within UTILITY	7.1%	3.2%	.9%	.0%	1.9%
	DON'T KNOW	Count	0	1	3	2	6
		% within UTILITY	.0%	3.2%	2.6%	5.1%	2.8%
	REFUSAL	Count	2	0	2	0	4
		% within UTILITY	7.1%	.0%	1.7%	.0%	1.9%
Total	Count	28	31	116	39	214	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

0.391304

SH4: What type of heating system is your main source of heat? \* UTILITY Crosstabulation

		UTILITY			
		NH Elec CoOp	PSNH	Total	
SH4: What type of heating system is your main source of heat?	Resistance (baseboard/ceiling/floor/wall)	Count	0	1	1
		% within UTILITY	.0%	100.0%	33.3%
	Other system type (please specify)	Count	1	0	1
		% within UTILITY	50.0%	.0%	33.3%
	DON'T KNOW	Count	1	0	1
		% within UTILITY	50.0%	.0%	33.3%
Total	Count	2	1	3	

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	% within UTILITY	100.0%	100.0%	100.0%
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SH5: Do you use cord wood or pellets? \* UTILITY Crosstabulation

			UTILITY			
			NH Elec CoOp	PSNH	Unitil	Total
SH5: Do you use cord wood or pellets?	Cord wood	Count	13	14	5	32
		% within UTILITY	100.0%	77.8%	100.0%	88.9%
	Pellets	Count	0	3	0	3
		% within UTILITY	.0%	16.7%	.0%	8.3%
	REF	Count	0	1	0	1
		% within UTILITY	.0%	5.6%	.0%	2.8%
	Total	Count	13	18	5	36
		% within UTILITY	100.0%	100.0%	100.0%	100.0%

SH6: When was the last time you had a tune-up or maintenance done on your main heating system? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SH6: When was the last time you had a tune-up or maintenance done on your main heating system?	Within this past year	Count	11	31	98	33	173
		% within UTILITY	39.3%	67.4%	72.6%	75.0%	68.4%
	About 1 to 2 years ago	Count	8	7	21	9	45
		% within UTILITY	28.6%	15.2%	15.6%	20.5%	17.8%
	2 to 3 years ago	Count	3	2	5	0	10
		% within UTILITY	10.7%	4.3%	3.7%	.0%	4.0%
	More than 3 years ago	Count	3	1	2	1	7
		% within UTILITY	10.7%	2.2%	1.5%	2.3%	2.8%
	DONT KNOW	Count	3	5	9	1	18
		% within UTILITY	10.7%	10.9%	6.7%	2.3%	7.1%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH7: About how old is your main heating system? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SH7: About how old is your main heating system?	Under 5 years old	Count	10	7	39	12	68
		% within UTILITY	35.7%	15.2%	28.9%	27.3%	26.9%
	5 to 10 years old (installed in the late 1990s to early 2000s)	Count	9	15	28	9	61
		% within UTILITY	32.1%	32.6%	20.7%	20.5%	24.1%
	10 to 25 years old (say about 1980 to the late 1990s)	Count	5	18	42	14	79
		% within UTILITY	17.9%	39.1%	31.1%	31.8%	31.2%
	25 to 40 years old (say about 1965 through 1980)	Count	2	5	12	3	22
		% within UTILITY	7.1%	10.9%	8.9%	6.8%	8.7%
	more than 40 years old (say before 1965)	Count	0	0	6	3	9
		% within UTILITY	.0%	.0%	4.4%	6.8%	3.6%
	DONT KNOW	Count	2	1	8	3	14
		% within UTILITY	7.1%	2.2%	5.9%	6.8%	5.5%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	Yes	Count	10	12	38	13	73
		% within UTILITY	52.6%	54.5%	56.7%	61.9%	56.6%
	No	Count	7	4	11	3	25
		% within UTILITY	36.8%	18.2%	16.4%	14.3%	19.4%
	Not applicable-someone else installed the equipment	Count	2	5	14	4	25
		% within UTILITY	10.5%	22.7%	20.9%	19.0%	19.4%
	DONT KNOW	Count	0	1	4	1	6
		% within UTILITY	.0%	4.5%	6.0%	4.8%	4.7%
	Total	Count	19	22	67	21	129
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH9: Is this system we've been talking about the only way you heat this home? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SH9: Is this system we've been talking about the only way you heat this home?	Yes	Count	23	21	83	25	152
		% within UTILITY	82.1%	45.7%	61.5%	56.8%	60.1%
	No	Count	5	25	52	19	101
		% within UTILITY	17.9%	54.3%	38.5%	43.2%	39.9%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH10: What type of fuel does the secondary heating system use? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total

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SH10: What type of fuel does the secondary heating system use?	Natural gas purchased from	Count	1	1	2	1	5
		% within UTILITY	20.0%	4.0%	3.8%	5.3%	5.0%
	Electric	Count	1	1	7	2	11
		% within UTILITY	20.0%	4.0%	13.5%	10.5%	10.9%
	Bottled gas or propane: (CONFIRM: DELIVERED BY TRUCK)	Count	0	4	6	2	12
		% within UTILITY	.0%	16.0%	11.5%	10.5%	11.9%
	Oil	Count	0	7	6	3	16
		% within UTILITY	.0%	28.0%	11.5%	15.8%	15.8%
	Kerosene	Count	0	1	1	0	2
		% within UTILITY	.0%	4.0%	1.9%	.0%	2.0%
	Wood	Count	3	11	28	11	53
		% within UTILITY	60.0%	44.0%	53.8%	57.9%	52.5%
	Other (please specify)	Count	0	0	2	0	2
		% within UTILITY	.0%	.0%	3.8%	.0%	2.0%
Total	Count	5	25	52	19	101	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

SH11: What type of heating system is your secondary source of heat? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SH11: What type of heating system is your secondary source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	0	5	8	3	16
		% within UTILITY	.0%	38.5%	53.3%	50.0%	45.7%
	Boiler + Radiator + Hot Water (aka forced hot water)	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	6.7%	.0%	2.9%
	Boiler + Baseboard + Hot Water (forced hot water)-OR Boiler + Radiator + Steam	Count	0	2	3	1	6
		% within UTILITY	.0%	15.4%	20.0%	16.7%	17.1%
	Fireplace / Woodstove	Count	0	2	0	1	3
		% within UTILITY	.0%	15.4%	.0%	16.7%	8.6%
	Other (please specify)	Count	1	2	0	0	3
		% within UTILITY	100.0%	15.4%	.0%	.0%	8.6%
	DONT KNOW	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	6.7%	.0%	2.9%
	REFUSAL	Count	0	2	1	1	4
		% within UTILITY	.0%	15.4%	6.7%	16.7%	11.4%
Total	Count	1	13	15	6	35	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

SH12: What type of heating system is your secondary source of heat? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SH12: What type of heating system is your secondary source of heat?	Resistance (baseboard/ceiling/floor/wall)	Count	0	0	3	1	4
		% within UTILITY	.0%	.0%	42.9%	50.0%	36.4%
	Furnace: central forced air furnace (fan circulates air through ducts)	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	14.3%	.0%	9.1%
	Heat Pump + Wall (through-the-wall-looks like AC, but works like a furnace)	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	14.3%	.0%	9.1%
	Portable heaters	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	14.3%	.0%	9.1%
	Could Identify Fuel, But Not Equipment	Count	0	1	0	0	1
		% within UTILITY	.0%	100.0%	.0%	.0%	9.1%
	DONT KNOW	Count	0	0	0	1	1
		% within UTILITY	.0%	.0%	.0%	50.0%	9.1%
	REF	Count	1	0	1	0	2
		% within UTILITY	100.0%	.0%	14.3%	.0%	18.2%
Total	Count	1	1	7	2	11	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

SH13: Do you use cord wood or pellets? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SH13: Do you use cord wood or pellets?	Cord wood	Count	3	11	25	10	49
		% within UTILITY	100.0%	100.0%	89.3%	90.9%	92.5%
	Pellets	Count	0	0	1	1	2
		% within UTILITY	.0%	.0%	3.6%	9.1%	3.8%
	REF	Count	0	0	2	0	2
		% within UTILITY	.0%	.0%	7.1%	.0%	3.8%
	Total	Count	3	11	28	11	53
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH14: Do you have a programmable thermostat? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SH14: Do you have a programmable thermostat?	Yes	Count	21	20	70	27	138
		% within UTILITY	75.0%	43.5%	51.9%	61.4%	54.5%

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No	Count	7	26	64	17	114
	% within UTILITY	25.0%	56.5%	47.4%	38.6%	45.1%
DONT KNOW	Count	0	0	1	0	1
	% within UTILITY	.0%	.0%	.7%	.0%	.4%
Total	Count	28	46	135	44	253
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

SH15: In the winter, what temperature do you typically set your thermostat to when you are at home?

Valid	Frequency	Percent	Valid Percent	Cumulative Percent
DONT KNOW	6	2.4	2.4	2.4
0	2	.8	.8	3.2
45	1	.4	.4	3.6
48	1	.4	.4	4.0
50	3	1.2	1.2	5.1
52	1	.4	.4	5.5
55	2	.8	.8	6.3
58	4	1.6	1.6	7.9
59	1	.4	.4	8.3
60	12	4.7	4.7	13.0
62	8	3.2	3.2	16.2
63	5	2.0	2.0	18.2
64	7	2.8	2.8	20.9
65	28	11.1	11.1	32.0
66	10	4.0	4.0	36.0
67	16	6.3	6.3	42.3
68	67	26.5	26.5	68.8
69	4	1.6	1.6	70.4
70	50	19.8	19.8	90.1
71	1	.4	.4	90.5
72	16	6.3	6.3	96.8
73	1	.4	.4	97.2
74	4	1.6	1.6	98.8
75	1	.4	.4	99.2
76	1	.4	.4	99.6
85	1	.4	.4	100.0
Total	253	100.0	100.0	

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH16: Do you turn down the temperature at times such as at night or when you are not at home? * UTILITY	253	100.0%	0	.0%	253	100.0%
SC1: Do you have central air conditioning? * UTILITY	253	100.0%	0	.0%	253	100.0%
SC2: About how many of the days during the summer are you running your central air conditioner? * UTILITY	39	15.4%	214	84.6%	253	100.0%

SH16: Do you turn down the temperature at times such as at night or when you are not at home? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SH16: Do you turn down the temperature at times such as at night or when you are not at home?	Yes	Count	19	28	99	32	178
		% within UTILITY	67.9%	60.9%	73.3%	72.7%	70.4%
	No	Count	9	16	33	12	70
		% within UTILITY	32.1%	34.8%	24.4%	27.3%	27.7%
DONT KNOW	Count	0	2	3	0	5	
	% within UTILITY	.0%	4.3%	2.2%	.0%	2.0%	
Total	Count	28	46	135	44	253	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

SC1: Do you have central air conditioning? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SC1: Do you have central air conditioning?	Yes	Count	5	3	25	6	39
		% within UTILITY	17.9%	6.5%	18.5%	13.6%	15.4%
No	Count	23	43	110	38	214	
	% within UTILITY	82.1%	93.5%	81.5%	86.4%	84.6%	
Total	Count	28	46	135	44	253	

Tab 1 - Single Family Permanent Resident Survey Data

	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%
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SC2: About how many of the days during the summer are you running your central air conditioner? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SC2: About how many of the days during the summer are you running your central air conditioner?	Every day or most days	Count	1	0	1	0	2
		% within UTILITY	20.0%	.0%	4.0%	.0%	5.1%
	Several days a week most weeks	Count	0	0	5	0	5
		% within UTILITY	.0%	.0%	20.0%	.0%	12.8%
	Just the hottest days of the summer	Count	3	3	19	6	31
		% within UTILITY	60.0%	100.0%	76.0%	100.0%	79.5%
	DONT KNOW	Count	1	0	0	0	1
		% within UTILITY	20.0%	.0%	.0%	.0%	2.6%
	Total	Count	5	3	25	6	39
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

SC3: In the summer, what temperature do you typically set your cooling thermostat to when you are at home?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	65	1	.4	2.6	2.6
	68	1	.4	2.6	5.1
	69	1	.4	2.6	7.7
	70	8	3.2	20.5	28.2
	71	1	.4	2.6	30.8
	72	2	.8	5.1	35.9
	74	6	2.4	15.4	51.3
	75	8	3.2	20.5	71.8
	76	2	.8	5.1	76.9
	77	2	.8	5.1	82.1
	78	5	2.0	12.8	94.9
	82	1	.4	2.6	97.4
	84	1	.4	2.6	100.0
	Total	39	15.4	100.0	
Missing	System	214	84.6		
Total		253	100.0		

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SC4: Do you turn up the temperature at times such as at night or when you are not at home? * UTILITY	39	15.4%	214	84.6%	253	100.0%
SC5: Have you ever had a tune-up or maintenance done on your central air conditioning system? * UTILITY	39	15.4%	214	84.6%	253	100.0%
SC6: When was the last time you had a tune-up or maintenance done? * UTILITY	22	8.7%	231	91.3%	253	100.0%

SC4: Do you turn up the temperature at times such as at night or when you are not at home? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SC4: Do you turn up the temperature at times such as at night or when you are not at home?	Yes	Count	4	2	15	4	25
		% within UTILITY	80.0%	66.7%	60.0%	66.7%	64.1%
	No	Count	1	1	10	2	14
		% within UTILITY	20.0%	33.3%	40.0%	33.3%	35.9%
	Total	Count	5	3	25	6	39
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SC5: Have you ever had a tune-up or maintenance done on your central air conditioning system? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SC5: Have you ever had a tune-up or maintenance done on your central air conditioning system?	Yes	Count	3	0	14	5	22
		% within UTILITY	60.0%	.0%	56.0%	83.3%	56.4%
	No	Count	2	3	9	1	15
		% within UTILITY	40.0%	100.0%	36.0%	16.7%	38.5%
	DONT KNOW	Count	0	0	2	0	2
		% within UTILITY	.0%	.0%	8.0%	.0%	5.1%
Total	Count	5	3	25	6	39	

Tab 1 - Single Family Permanent Resident Survey Data

	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%
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SC6: When was the last time you had a tune-up or maintenance done? \* UTILITY Crosstabulation

			UTILITY			
			Granite State Electric	PSNH	Unitil	Total
SC6: When was the last time you had a tune-up or maintenance done?	Within this past year	Count	2	9	3	14
		% within UTILITY	66.7%	64.3%	60.0%	63.6%
	The year before that	Count	0	3	0	3
		% within UTILITY	.0%	21.4%	.0%	13.6%
	2 to 3 years ago	Count	0	1	2	3
		% within UTILITY	.0%	7.1%	40.0%	13.6%
	More than 3 years ago	Count	1	1	0	2
		% within UTILITY	33.3%	7.1%	.0%	9.1%
	Total	Count	3	14	5	22
		% within UTILITY	100.0%	100.0%	100.0%	100.0%

Frequencies

Frequency Table

SC7: How many room air conditioners do you typically have plugged in, if any?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	102	40.3	40.3	40.3
	1	61	24.1	24.1	64.4
	2	57	22.5	22.5	87.0
	3	18	7.1	7.1	94.1
	4	8	3.2	3.2	97.2
	5	5	2.0	2.0	99.2
	6	1	.4	.4	99.6
	7	1	.4	.4	100.0
	Total	253	100.0	100.0	

61  
114  
54  
32  
25  
6  
7  
299 1.980132 (Average n

SC8: What is the typical temperature setting for your room air conditioner(s)when you are at home?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DONT KNOW	20	7.9	13.2	13.2
	NOT APPLICABLE - CANNOT SET TEMPERATURE	15	5.9	9.9	23.2
	50	1	.4	.7	23.8
	60	8	3.2	5.3	29.1
	62	1	.4	.7	29.8
	63	1	.4	.7	30.5
	65	10	4.0	6.6	37.1
	66	7	2.8	4.6	41.7
	67	2	.8	1.3	43.0
	68	24	9.5	15.9	58.9
	69	4	1.6	2.6	61.6
	70	23	9.1	15.2	76.8
	72	14	5.5	9.3	86.1
	73	4	1.6	2.6	88.7
	74	5	2.0	3.3	92.1
	75	8	3.2	5.3	97.4
	76	1	.4	.7	98.0
	78	2	.8	1.3	99.3
	80	1	.4	.7	100.0
	Total	151	59.7	100.0	
Missing	System	102	40.3		
Total		253	100.0		

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SC9: About how many of the days during the summer are you running your room air conditioners? * UTILITY	151	59.7%	102	40.3%	253	100.0%
WH1: What is the main fuel you use to heat water? * UTILITY	253	100.0%	0	.0%	253	100.0%
WH2: What type of system is your main water heater? * UTILITY	253	100.0%	0	.0%	253	100.0%

Tab 1 - Single Family Permanent Resident Survey Data

WH3: When running hot water only, can you hold your hand under the hot water for more than a moment without being scalded? * UTILITY	253	100.0%	0	.0%	253	100.0%
WH4: Are you using water-saving devices such as faucet aerators in this home? * UTILITY	253	100.0%	0	.0%	253	100.0%
WH5: Does this home have an indoor Jacuzzi or spa-type tub? * UTILITY	253	100.0%	0	.0%	253	100.0%

SC9: About how many of the days during the summer are you running your room air conditioners? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SC9: About how many of the days during the summer are you running your room air conditioners?	Every day or most days	Count	2	2	2	2	8
		% within UTILITY	11.1%	7.1%	2.7%	6.3%	5.3%
	Several days a week or most weeks	Count	2	0	4	4	10
		% within UTILITY	11.1%	.0%	5.5%	12.5%	6.6%
	Just the hottest days of the summer	Count	13	26	66	25	130
		% within UTILITY	72.2%	92.9%	90.4%	78.1%	86.1%
	DONT KNOW	Count	1	0	1	1	3
		% within UTILITY	5.6%	.0%	1.4%	3.1%	2.0%
	Total	Count	18	28	73	32	151
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

WH1: What is the main fuel you use to heat water? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
WH1: What is the main fuel you use to heat water?	Natural gas [CONFIRM: IS IT PIPED AND METERED?]	Count	25	1	6	3	35
		% within UTILITY	89.3%	2.2%	4.4%	6.8%	13.8%
	Electric	Count	1	15	29	6	51
		% within UTILITY	3.6%	32.6%	21.5%	13.6%	20.2%
	Oil	Count	2	14	63	24	103
		% within UTILITY	7.1%	30.4%	46.7%	54.5%	40.7%
	Kerosene	Count	0	0	2	0	2
		% within UTILITY	.0%	.0%	1.5%	.0%	.8%
	Propane or bottled gas [CONFIRM: DELIVERED BY TRUCK?]	Count	0	13	34	11	58
		% within UTILITY	.0%	28.3%	25.2%	25.0%	22.9%
	Wood	Count	0	2	0	0	2
		% within UTILITY	.0%	4.3%	.0%	.0%	.8%
	DONT KNOW	Count	0	1	1	0	2
		% within UTILITY	.0%	2.2%	.7%	.0%	.8%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

WH2: What type of system is your main water heater? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
WH2: What type of system is your main water heater?	Traditional water heater tank	Count	19	30	80	29	158
		% within UTILITY	67.9%	65.2%	59.3%	65.9%	62.5%
	Whole house tankless system running off boiler	Count	4	10	41	10	65
		% within UTILITY	14.3%	21.7%	30.4%	22.7%	25.7%
	Whole house on-demand system-water is heated centrally as you use it	Count	1	3	5	1	10
		% within UTILITY	3.6%	6.5%	3.7%	2.3%	4.0%
	or something else? (specify)	Count	0	0	2	0	2
		% within UTILITY	.0%	.0%	1.5%	.0%	.8%
	DONT KNOW	Count	4	3	7	4	18
		% within UTILITY	14.3%	6.5%	5.2%	9.1%	7.1%
Total	Count	28	46	135	44	253	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

WH3: When running hot water only, can you hold your hand under the hot water for more than a moment without being scalded? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
WH3: When running hot water only, can you hold your hand under the hot water for more than a moment without being scalded?	Yes	Count	20	38	96	29	183
		% within UTILITY	71.4%	82.6%	71.1%	65.9%	72.3%
	No	Count	8	7	36	13	64
		% within UTILITY	28.6%	15.2%	26.7%	29.5%	25.3%
	DONT KNOW	Count	0	1	3	2	6
		% within UTILITY	.0%	2.2%	2.2%	4.5%	2.4%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

WH4: Are you using water-saving devices such as faucet aerators in this home? \* UTILITY Crosstabulation

			UTILITY				
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Tab 1 - Single Family Permanent Resident Survey Data

			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
WH4: Are you using water-saving devices such as faucet aerators in this home?	Yes	Count	14	30	69	27	140
		% within UTILITY	50.0%	65.2%	51.1%	61.4%	55.3%
	No	Count	13	15	63	15	106
		% within UTILITY	46.4%	32.6%	46.7%	34.1%	41.9%
	DONT KNOW	Count	1	1	3	2	7
		% within UTILITY	3.6%	2.2%	2.2%	4.5%	2.8%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

WH5: Does this home have an indoor Jacuzzi or spa-type tub? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
WH5: Does this home have an indoor Jacuzzi or spa-type tub?	Yes	Count	1	5	20	4	30
		% within UTILITY	3.6%	10.9%	14.8%	9.1%	11.9%
	No	Count	27	41	115	40	223
		% within UTILITY	96.4%	89.1%	85.2%	90.9%	88.1%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

WH6: Approximately how many times a month do you use the Jacuzzi or spa tub?

		Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	0	10	4.0	33.3	33.3	
	1	8	3.2	26.7	60.0	
	2	2	.8	6.7	66.7	
	4	3	1.2	10.0	76.7	
	6	1	.4	3.3	80.0	
	10	3	1.2	10.0	90.0	
	12	2	.8	6.7	96.7	
	30	1	.4	3.3	100.0	
	Total	30	11.9	100.0		
	Missing	System	223	88.1		
	Total		253	100.0		

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
CW1: Do you own a clothes washer? * UTILITY	253	100.0%	0	.0%	253	100.0%
CW2: Is your clothes washer a top loading or front loading model? * UTILITY	245	96.8%	8	3.2%	253	100.0%
CW3: Do you own a clothes dryer? * UTILITY	253	100.0%	0	.0%	253	100.0%
CW4: Is that an electric dryer or a gas dryer? * UTILITY	236	93.3%	17	6.7%	253	100.0%

CW1: Do you own a clothes washer? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
CW1: Do you own a clothes washer?	Yes	Count	28	43	133	41	245
		% within UTILITY	100.0%	93.5%	98.5%	93.2%	96.8%
	No	Count	0	3	2	3	8
		% within UTILITY	.0%	6.5%	1.5%	6.8%	3.2%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

CW2: Is your clothes washer a top loading or front loading model? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
CW2: Is your clothes washer a top loading or front loading model?	Top loading	Count	23	34	99	32	188
		% within UTILITY	82.1%	79.1%	74.4%	78.0%	76.7%
	Front loading	Count	5	8	34	9	56
		% within UTILITY	17.9%	18.6%	25.6%	22.0%	22.9%
	DONT KNOW	Count	0	1	0	0	1
		% within UTILITY	.0%	2.3%	.0%	.0%	.4%
	Total	Count	28	43	133	41	245
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Tab 1 - Single Family Permanent Resident Survey Data

CW3: Do you own a clothes dryer? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
CW3: Do you own a clothes dryer?	Yes	Count	28	41	126	41	236
		% within UTILITY	100.0%	89.1%	93.3%	93.2%	93.3%
	No	Count	0	5	9	3	17
		% within UTILITY	.0%	10.9%	6.7%	6.8%	6.7%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

CW4: Is that an electric dryer or a gas dryer? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
CW4: Is that an electric dryer or a gas dryer?	Electric	Count	21	34	108	35	198
		% within UTILITY	75.0%	82.9%	85.7%	85.4%	83.9%
	Gas	Count	7	7	18	6	38
		% within UTILITY	25.0%	17.1%	14.3%	14.6%	16.1%
	Total	Count	28	41	126	41	236
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

CW5: About how many loads of laundry per week do you typically do?

		Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	-9	7	2.8	2.9	2.9	
	0	2	.8	.8	3.7	
	1	17	6.7	6.9	10.6	
	2	31	12.3	12.7	23.3	
	3	42	16.6	17.1	40.4	
	4	36	14.2	14.7	55.1	
	5	36	14.2	14.7	69.8	
	6	17	6.7	6.9	76.7	
	7	13	5.1	5.3	82.0	
	8	10	4.0	4.1	86.1	
	9	4	1.6	1.6	87.8	
	10	14	5.5	5.7	93.5	
	12	4	1.6	1.6	95.1	
	14	3	1.2	1.2	96.3	
	15	5	2.0	2.0	98.4	
	16	2	.8	.8	99.2	
	25	1	.4	.4	99.6	
	40	1	.4	.4	100.0	
	Total		245	96.8	100.0	
	Missing	System	8	3.2		
Total		253	100.0			

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
CW6: How often do you use line drying throughout the year? * UTILITY	245	96.8%	8	3.2%	253	100.0%

CW6: How often do you use line drying throughout the year? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
CW6: How often do you use line drying throughout the year?	Never	Count	17	17	60	23	117
		% within UTILITY	60.7%	39.5%	45.1%	56.1%	47.8%
	Rarely	Count	1	1	15	1	18
		% within UTILITY	3.6%	2.3%	11.3%	2.4%	7.3%
	Occasionally	Count	6	11	30	7	54
		% within UTILITY	21.4%	25.6%	22.6%	17.1%	22.0%
	Most of the time	Count	3	10	15	10	38
		% within UTILITY	10.7%	23.3%	11.3%	24.4%	15.5%
	Always or almost always	Count	1	4	13	0	18
		% within UTILITY	3.6%	9.3%	9.8%	.0%	7.3%
	Total	Count	28	43	133	41	245
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

Tab 1 - Single Family Permanent Resident Survey Data

Frequency Table

R1: How many refrigerators do you have plugged in?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	179	70.8	70.8	70.8
	2	64	25.3	25.3	96.0
	3	9	3.6	3.6	99.6
	4	1	.4	.4	100.0
	Total	253	100.0	100.0	

128  
27  
4 159 2.148649  
29.2% Saturation (Homes with

R2: How many stand-alone freezers do you have plugged in?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	150	59.3	59.3	59.3
	1	98	38.7	38.7	98.0
	2	4	1.6	1.6	99.6
	4	1	.4	.4	100.0
	Total	253	100.0	100.0	

8  
4 12 2.4  
40.7% Saturation (Homes with  
2.0% Saturation (Homes with

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
D1: Do you have a dishwasher? * UTILITY	253	100.0%	0	.0%	253	100.0%

D1: Do you have a dishwasher? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
D1: Do you have a dishwasher?	Yes	Count	24	29	105	31	189
		% within UTILITY	85.7%	63.0%	77.8%	70.5%	74.7%
	No	Count	4	17	30	13	64
		% within UTILITY	14.3%	37.0%	22.2%	29.5%	25.3%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

Frequency Table

D2: How many loads of dishes per week do you typically do?

		Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	DONT KNOW	1	.4	.5	.5	
	0	17	6.7	9.0	9.5	
	1	21	8.3	11.1	20.6	
	2	28	11.1	14.8	35.4	
	3	43	17.0	22.8	58.2	
	4	26	10.3	13.8	72.0	
	5	20	7.9	10.6	82.5	
	6	6	2.4	3.2	85.7	
	7	20	7.9	10.6	96.3	
	8	2	.8	1.1	97.4	
	10	2	.8	1.1	98.4	
	14	3	1.2	1.6	100.0	
	Total	189	74.7	100.0		
	Missing	System	64	25.3		
	Total		253	100.0		

DH1: How many dehumidifiers do you have plugged in, if any?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DONT KNOW	1	.4	.4	.4
	0	184	72.7	72.7	73.1
	1	67	26.5	26.5	99.6
	2	1	.4	.4	100.0
	Total	253	100.0	100.0	

26.9% Saturation (Homes with

DH2: About what percentage of the year would you say you use your dehumidifier?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DONT KNOW	2	.8	2.9	2.9
	0	1	.4	1.4	4.3
	5	2	.8	2.9	7.2
	10	3	1.2	4.3	11.6

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13	1	.4	1.4	13.0
15	1	.4	1.4	14.5
17	1	.4	1.4	15.9
20	4	1.6	5.8	21.7
25	19	7.5	27.5	49.3
30	6	2.4	8.7	58.0
33	3	1.2	4.3	62.3
40	6	2.4	8.7	71.0
49	1	.4	1.4	72.5
50	7	2.8	10.1	82.6
58	1	.4	1.4	84.1
60	3	1.2	4.3	88.4
75	1	.4	1.4	89.9
100	7	2.8	10.1	100.0
Total	69	27.3	100.0	
Missing	System	184	72.7	
Total		253	100.0	

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
HT1: Do you have an outdoor hot tub at this home? * UTILITY	253	100.0%	0	.0%	253	100.0%
HT2: How often do you heat the hot tub water in the winter? * UTILITY	15	5.9%	238	94.1%	253	100.0%
HT3: What fuel do you use to heat the hot tub? * UTILITY	15	5.9%	238	94.1%	253	100.0%
HT4: Do you heat the water on a timer? * UTILITY	15	5.9%	238	94.1%	253	100.0%
HT5: Do you use a hot tub cover? * UTILITY	15	5.9%	238	94.1%	253	100.0%
HT6: Does this home have a heated pool? * UTILITY	251	99.2%	2	.8%	253	100.0%
HT7: What fuel do you use to heat the pool? * UTILITY	2	.8%	251	99.2%	253	100.0%

HT1: Do you have an outdoor hot tub at this home? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
HT1: Do you have an outdoor hot tub at this home?	Yes	Count	1	7	6	1	15
		% within UTILITY	3.6%	15.2%	4.4%	2.3%	5.9%
	No	Count	27	39	129	43	238
		% within UTILITY	96.4%	84.8%	95.6%	97.7%	94.1%
Total		Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

HT2: How often do you heat the hot tub water in the winter? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
HT2: How often do you heat the hot tub water in the winter?	It's continually heated	Count	1	3	4	0	8
		% within UTILITY	100.0%	42.9%	66.7%	.0%	53.3%
	It's never heated	Count	0	2	2	0	4
		% within UTILITY	.0%	28.6%	33.3%	.0%	26.7%
	3 to 8 times a month	Count	0	0	0	1	1
		% within UTILITY	.0%	.0%	.0%	100.0%	6.7%
	9 or more times a month	Count	0	1	0	0	1
		% within UTILITY	.0%	14.3%	.0%	.0%	6.7%
DONT KNOW		Count	0	1	0	0	1
		% within UTILITY	.0%	14.3%	.0%	.0%	6.7%
Total		Count	1	7	6	1	15
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

HT3: What fuel do you use to heat the hot tub? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
HT3: What fuel do you use to heat the hot tub?	Standard Electric heater	Count	1	4	6	1	12
		% within UTILITY	100.0%	57.1%	100.0%	100.0%	80.0%
	Natural gas	Count	0	1	0	0	1
		% within UTILITY	.0%	14.3%	.0%	.0%	6.7%
	Bottled gas or propane	Count	0	1	0	0	1
		% within UTILITY	.0%	14.3%	.0%	.0%	6.7%
	Electric heat pump	Count	0	1	0	0	1
		% within UTILITY	.0%	14.3%	.0%	.0%	6.7%

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Total	Count	1	7	6	1	15
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

HT4: Do you heat the water on a timer? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
HT4: Do you heat the water on a timer?	Yes	Count	1	4	2	0	7
		% within UTILITY	100.0%	57.1%	33.3%	.0%	46.7%
	No	Count	0	3	3	1	7
		% within UTILITY	.0%	42.9%	50.0%	100.0%	46.7%
	DONT KNOW	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	16.7%	.0%	6.7%
	Total	Count	1	7	6	1	15
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

HT5: Do you use a hot tub cover? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
HT5: Do you use a hot tub cover?	Yes	Count	1	6	6	1	14
		% within UTILITY	100.0%	85.7%	100.0%	100.0%	93.3%
	No	Count	0	1	0	0	1
		% within UTILITY	.0%	14.3%	.0%	.0%	6.7%
	Total	Count	1	7	6	1	15
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

HT6: Does this home have a heated pool? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
HT6: Does this home have a heated pool?	Yes	Count	0	1	1	0	2
		% within UTILITY	.0%	2.2%	.7%	.0%	.8%
	No	Count	28	45	133	43	249
		% within UTILITY	100.0%	97.8%	99.3%	100.0%	99.2%
	Total	Count	28	46	134	43	251
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

HT7: What fuel do you use to heat the pool? \* UTILITY Crosstabulation

			UTILITY		
			NH Elec CoOp	PSNH	Total
HT7: What fuel do you use to heat the pool?	Bottled gas or propane	Count	0	1	1
		% within UTILITY	.0%	100.0%	50.0%
	Or something else (specify)	Count	1	0	1
		% within UTILITY	100.0%	.0%	50.0%
	Total	Count	1	1	2
		% within UTILITY	100.0%	100.0%	100.0%

Frequencies

Frequency Table

TC1A: Please tell me how many Conventional TVs you have

		Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	DONT KNOW	1	.4	.4	.4	
	0	32	12.6	12.6	13.0	66
	1	66	26.1	26.1	39.1	170
	2	85	33.6	33.6	72.7	129
	3	43	17.0	17.0	89.7	60
	4	15	5.9	5.9	95.7	30
	5	6	2.4	2.4	98.0	24
	6	4	1.6	1.6	99.6	7
	7	1	.4	.4	100.0	7 486 77.64%
	Total	253	100.0	100.0		87.0%

TC1B: Please tell me how many plasma screens you have.

		Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	DONT KNOW	2	.8	.8	.8	
	0	210	83.0	83.0	83.8	30
	1	30	11.9	11.9	95.7	16
	2	8	3.2	3.2	98.8	6
	3	2	.8	.8	99.6	4
	4	1	.4	.4	100.0	56 8.95%
	Total	253	100.0	100.0		16.2%

TC1C: Please tell me how many LCD screens you have.

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		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DONT KNOW	1	.4	.4	.4
	0	193	76.3	76.3	76.7
	1	40	15.8	15.8	92.5
	2	15	5.9	5.9	98.4
	3	2	.8	.8	99.2
	4	2	.8	.8	100.0
	Total	253	100.0	100.0	

40  
30  
6  
8  
23.32%  
84 13.42%  
626 100.00%  
2.5 Average nur

TC2: How many computers do you have plugged in on a typical day?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	47	18.6	18.6	18.6
	1	130	51.4	51.4	70.0
	2	52	20.6	20.6	90.5
	3	11	4.3	4.3	94.9
	4	5	2.0	2.0	96.8
	5	6	2.4	2.4	99.2
	6	1	.4	.4	99.6
	7	1	.4	.4	100.0
	Total	253	100.0	100.0	

130  
104  
33  
20  
30  
6  
7  
330 1.601942  
81.4% Saturation (Homes w/it

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
TC3_1: Which of the following describe what usually happens when you are done using a computer.[1 * UTILITY	206	81.4%	47	18.6%	253	100.0%
TC3_2: Which of the following describe what usually happens when you are done using a computer.[2 * UTILITY	39	15.4%	214	84.6%	253	100.0%
TC3_3: Which of the following describe what usually happens when you are done using a computer.[3 * UTILITY	6	2.4%	247	97.6%	253	100.0%
TC3_4: Which of the following describe what usually happens when you are done using a computer.[4 * UTILITY	2	.8%	251	99.2%	253	100.0%
TC3_5: Which of the following describe what usually happens when you are done using a computer.[5 * UTILITY	1	.4%	252	99.6%	253	100.0%
L1: Are you familiar with a compact fluorescent light bulb, sometimes referred to as a CFL bulb? * UTILITY	253	100.0%	0	.0%	253	100.0%
L2: CFL bulbs are small fluorescent bulbs that fit into regular light bulb sockets. Does this sound like something you've seen? * UTILITY	17	6.7%	236	93.3%	253	100.0%
L3: Do you currently have any of these bulbs installed in this home? * UTILITY	248	98.0%	5	2.0%	253	100.0%

TC3\_1: Which of the following describe what usually happens when you are done using a computer.[1 \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
TC3_1: Which of the following describe what usually happens when you are done using a computer.[1	leave it on so it will be ready the next time you want to use	Count	7	5	10	7	29
		% within UTILITY	28.0%	13.9%	9.2%	19.4%	14.1%
	put it in sleep mode	Count	7	5	34	9	55
		% within UTILITY	28.0%	13.9%	31.2%	25.0%	26.7%
	power down the computer	Count	9	19	55	18	101
		% within UTILITY	36.0%	52.8%	50.5%	50.0%	49.0%
	turn off the monitor of a personal computer	Count	1	4	8	1	14
		% within UTILITY	4.0%	11.1%	7.3%	2.8%	6.8%
	plug in if a laptop	Count	0	2	1	1	4
		% within UTILITY	.0%	5.6%	.9%	2.8%	1.9%
DONT KNOW"	Count	1	1	1	0	3	
	% within UTILITY	4.0%	2.8%	.9%	.0%	1.5%	
Total	Count	25	36	109	36	206	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

## Tab 1 - Single Family Permanent Resident Survey Data

**TC3\_2: Which of the following describe what usually happens when you are done using a computer.12 \* UTILITY Crosstabulation**

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
TC3_2: Which of the following describe what usually happens when you are done using a computer.12	leave it on so it will be ready the next time you want to use it	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	5.6%	.0%	2.6%
	put it in sleep mode	Count	4	0	5	1	10
		% within UTILITY	50.0%	.0%	27.8%	16.7%	25.6%
	power down the computer	Count	1	3	5	0	9
		% within UTILITY	12.5%	42.9%	27.8%	.0%	23.1%
	turn off the monitor of a personal computer	Count	3	3	6	4	16
		% within UTILITY	37.5%	42.9%	33.3%	66.7%	41.0%
	plug in if a laptop	Count	0	1	1	1	3
		% within UTILITY	.0%	14.3%	5.6%	16.7%	7.7%
Total	Count	8	7	18	6	39	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

**TC3\_3: Which of the following describe what usually happens when you are done using a computer.13 \* UTILITY Crosstabulation**

			UTILITY		
			Granite State Electric	PSNH	Total
TC3_3: Which of the following describe what usually happens when you are done using a computer.13	leave it on so it will be ready the next time you want to use it	Count	0	1	1
		% within UTILITY	.0%	33.3%	16.7%
	power down the computer	Count	0	1	1
		% within UTILITY	.0%	33.3%	16.7%
	turn off the monitor of a personal computer	Count	3	0	3
		% within UTILITY	100.0%	.0%	50.0%
	plug in if a laptop	Count	0	1	1
		% within UTILITY	.0%	33.3%	16.7%
Total	Count	3	3	6	
	% within UTILITY	100.0%	100.0%	100.0%	

**TC3\_4: Which of the following describe what usually happens when you are done using a computer.14 \* UTILITY Crosstabulation**

			UTILITY		
			Granite State Electric	PSNH	Total
TC3_4: Which of the following describe what usually happens when you are done using a computer.14	turn off the monitor of a personal computer	Count	0	1	1
		% within UTILITY	.0%	100.0%	50.0%
	plug in if a laptop	Count	1	0	1
		% within UTILITY	100.0%	.0%	50.0%
	Total	Count	1	1	2
		% within UTILITY	100.0%	100.0%	100.0%

**TC3\_5: Which of the following describe what usually happens when you are done using a computer.15 \* UTILITY Crosstabulation**

			UTILITY	
			PSNH	Total
TC3_5: Which of the following describe what usually happens when you are done using a computer.15	plug in if a laptop	Count	1	1
		% within UTILITY	100.0%	100.0%
	Total	Count	1	1
		% within UTILITY	100.0%	100.0%

**L1: Are you familiar with a compact fluorescent light bulb, sometimes referred to as a CFL bulb? \* UTILITY Crosstabulation**

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
L1: Are you familiar with a compact fluorescent light bulb, sometimes referred to as a CFL bulb?	Yes	Count	26	40	129	41	236
		% within UTILITY	92.9%	87.0%	95.6%	93.2%	93.3%
	No	Count	2	6	6	3	17
		% within UTILITY	7.1%	13.0%	4.4%	6.8%	6.7%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

**L2: CFL bulbs are small fluorescent bulbs that fit into regular light bulb sockets. Does this sound like something you've seen? \* UTILITY Crosstabulation**

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
L2: CFL bulbs are small fluorescent bulbs that fit into regular light bulb sockets. Does this sound like something you've seen?	Yes	Count	2	3	5	2	12
		% within UTILITY	100.0%	50.0%	83.3%	66.7%	70.6%
	No	Count	0	3	1	1	5
		% within UTILITY	.0%	50.0%	16.7%	33.3%	29.4%
	Total	Count	2	6	6	3	17
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

**L3: Do you currently have any of these bulbs installed in this home? \* UTILITY Crosstabulation**

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
L3: Do you currently have any of these bulbs installed in this home?	Yes	Count	23	35	92	36	186
		% within UTILITY	82.1%	81.4%	68.7%	83.7%	75.0%
	No	Count	5	8	42	7	62
		% within UTILITY	17.9%	18.6%	31.3%	16.3%	25.0%

# Tab 1 - Single Family Permanent Resident Survey Data

Total	Count	28	43	134	43	248
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

## Frequencies

### Frequency Table

**L4A: REPORT ACTUAL NUMBER: About how many of these bulbs are currently installed in this home?**

		Frequency	Percent	Valid Percent	Cumulative Percent		
Valid	0	1	.4	.9	.9		
	1	13	5.1	11.9	12.8	0.12037	0.12037
	2	14	5.5	12.8	25.7	0.12963	0.259259
	3	9	3.6	8.3	33.9	0.083333	0.25
	4	16	6.3	14.7	48.6	0.148148	0.592593
	5	12	4.7	11.0	59.6	0.111111	0.555556
	6	6	2.4	5.5	65.1	0.055556	0.333333
	7	3	1.2	2.8	67.9	0.027778	0.194444
	8	8	3.2	7.3	75.2	0.074074	0.592593
	9	5	2.0	4.6	79.8	0.046296	0.416667
	10	8	3.2	7.3	87.2	0.074074	0.740741
	11	1	.4	.9	88.1	0.009259	0.101852
	12	3	1.2	2.8	90.8	0.027778	0.333333
	15	2	.8	1.8	92.7	0.018519	0.277778
	16	1	.4	.9	93.6	0.009259	0.148148
	18	1	.4	.9	94.5	0.009259	0.166667
	20	4	1.6	3.7	98.2	0.037037	0.740741
	25	2	.8	1.8	100.0	0.018519	0.462963
	Total	109	43.1	100.0		1	6.287037 Avg. bulbs
Missing	System	144	56.9				0.120211 percent of :
Total		253	100.0				

**L4B: REPORT PERCENTAGE: What percent of installed light bulbs in your home are currently CFL bulbs?**

		Frequency	Percent	Valid Percent	Cumulative Percent		
Valid	15	1	.4	1.3	1.3	0.013158	0.001974
	20	1	.4	1.3	2.6	0.013158	0.002632
	30	1	.4	1.3	3.9	0.013158	0.003947
	35	1	.4	1.3	5.3	0.013158	0.004605
	40	4	1.6	5.3	10.5	0.052632	0.021053
	50	18	7.1	23.7	34.2	0.236842	0.118421
	60	3	1.2	3.9	38.2	0.039474	0.023684
	65	1	.4	1.3	39.5	0.013158	0.008553
	70	1	.4	1.3	40.8	0.013158	0.009211
	75	6	2.4	7.9	48.7	0.078947	0.059211
	80	4	1.6	5.3	53.9	0.052632	0.042105
	85	2	.8	2.6	56.6	0.026316	0.022368
	90	10	4.0	13.2	69.7	0.131579	0.118421
	95	3	1.2	3.9	73.7	0.039474	0.0375
	98	1	.4	1.3	75.0	0.013158	0.012895
	99	1	.4	1.3	76.3	0.013158	0.013026
	100	18	7.1	23.7	100.0	0.236842	0.236842
	Total	76	30.0	100.0		1	0.736447 (percent of
Missing	System	177	70.0				
Total		253	100.0				

Weighted average (number and )

## Crosstabs

### Warnings

The crosstabulation of L5_3: When you purchased the CFL, did you: 3 * UTILITY is empty.
The crosstabulation of PP9_14: What else did you purchase? 14 * UTILITY is empty.
The crosstabulation of PS5_7: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. 7 * UTILITY is empty.
The crosstabulation of PS5_8: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. 8 * UTILITY is empty.

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
L5_1: When you purchased the CFL, did you: 1 * UTILITY	186	73.5%	67	26.5%	253	100.0%



Tab 1 - Single Family Permanent Resident Survey Data

L5_2: When you purchased the CFL, did you: 2 * UTILITY	2	.8%	251	99.2%	253	100.0%
PP1: Have you remodeled any portion of this home in the last five years? * UTILITY	253	100.0%	0	.0%	253	100.0%
PP2: Did you specifically consider or include energy efficient features? * UTILITY	102	40.3%	151	59.7%	253	100.0%
PP3: Do you plan on remodeling any portion of this home in the next 12 months? * UTILITY	253	100.0%	0	.0%	253	100.0%
PP4: Do you specifically plan to include energy efficient features when remodeling? * UTILITY	48	19.0%	205	81.0%	253	100.0%
PP5: How much attention would you say you and your household pays to controlling energy costs? * UTILITY	253	100.0%	0	.0%	253	100.0%
PP6: Are you familiar with the Energy Star logo? * UTILITY	253	100.0%	0	.0%	253	100.0%
PP7A_1: Have you purchased central air conditioning in the last five years? * UTILITY	39	15.4%	214	84.6%	253	100.0%
PP7B_1: Does the equipment currently have an Energy Star Logo? * UTILITY	14	5.5%	239	94.5%	253	100.0%
PP7A_2: Have you purchased a room air conditioning unit in the last five years? * UTILITY	151	59.7%	102	40.3%	253	100.0%
PP7B_2: Does the equipment currently have an Energy Star Logo? * UTILITY	98	38.7%	155	61.3%	253	100.0%
PP7A_3: Have you purchased a water Heater in the last five years? * UTILITY	253	100.0%	0	.0%	253	100.0%
PP7B_3: Does the equipment currently have an Energy Star Logo? * UTILITY	60	23.7%	193	76.3%	253	100.0%
PP7A_4: Have you purchased a refrigerator in the last five years? * UTILITY	253	100.0%	0	.0%	253	100.0%
PP7B_4: Does the equipment currently have an Energy Star Logo? * UTILITY	106	41.9%	147	58.1%	253	100.0%
PP7A_5: Have you purchased a stand-alone freezer in the last five years? * UTILITY	103	40.7%	150	59.3%	253	100.0%
PP7B_5: Does the equipment currently have an Energy Star Logo? * UTILITY	28	11.1%	225	88.9%	253	100.0%
PP7A_6: Have you purchased a clothes washer in the last five years? * UTILITY	245	96.8%	8	3.2%	253	100.0%
PP7B_6: Does the equipment currently have an Energy Star Logo? * UTILITY	116	45.8%	137	54.2%	253	100.0%
PP7A_7: Have you purchased a clothes dryer in the last five years? * UTILITY	236	93.3%	17	6.7%	253	100.0%
PP7B_7: Does the equipment currently have an Energy Star Logo? * UTILITY	98	38.7%	155	61.3%	253	100.0%
PP7A_8: Have you purchased a dehumidifier in the last five years? * UTILITY	69	27.3%	184	72.7%	253	100.0%
PP7B_8: Does the equipment currently have an Energy Star Logo? * UTILITY	29	11.5%	224	88.5%	253	100.0%
PP7A_9: Have you purchased a dishwasher in the last five years? * UTILITY	189	74.7%	64	25.3%	253	100.0%
PP7B_9: Does the equipment currently have an Energy Star Logo? * UTILITY	81	32.0%	172	68.0%	253	100.0%

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PP7A_10: Have you purchased windows in the last five years? * UTILITY	253	100.0%	0	.0%	253	100.0%
PP7B_10: Does the equipment currently have an Energy Star Logo? * UTILITY	76	30.0%	177	70.0%	253	100.0%
PP7A_11: Have you purchased computers or other home office equipment in the last five years? * UTILITY	253	100.0%	0	.0%	253	100.0%
PP7B_11: Does the equipment currently have an Energy Star Logo? * UTILITY	129	51.0%	124	49.0%	253	100.0%
PP8: In the last five years have you purchased any other equipment or appliances that you specifically requested be energy efficient or that you purchased to reduce your home energy costs? * UTILITY	253	100.0%	0	.0%	253	100.0%
PP9_1: What else did you purchase? 1 * UTILITY	46	18.2%	207	81.8%	253	100.0%
PP9_2: What else did you purchase? 2 * UTILITY	14	5.5%	239	94.5%	253	100.0%
PP9_3: What else did you purchase? 3 * UTILITY	11	4.3%	242	95.7%	253	100.0%
PP9_4: What else did you purchase? 4 * UTILITY	7	2.8%	246	97.2%	253	100.0%
PP9_5: What else did you purchase? 5 * UTILITY	8	3.2%	245	96.8%	253	100.0%
PP9_6: What else did you purchase? 6 * UTILITY	5	2.0%	248	98.0%	253	100.0%
PP9_7: What else did you purchase? 7 * UTILITY	4	1.6%	249	98.4%	253	100.0%
PP9_8: What else did you purchase? 8 * UTILITY	4	1.6%	249	98.4%	253	100.0%
PP9_9: What else did you purchase? 9 * UTILITY	3	1.2%	250	98.8%	253	100.0%
PP9_10: What else did you purchase? 10 * UTILITY	3	1.2%	250	98.8%	253	100.0%
PP9_11: What else did you purchase? 11 * UTILITY	2	.8%	251	99.2%	253	100.0%
PP9_12: What else did you purchase? 12 * UTILITY	2	.8%	251	99.2%	253	100.0%
PP9_13: What else did you purchase? 13 * UTILITY	1	.4%	252	99.6%	253	100.0%
AT1A: Would you be more likely to purchase energy efficient equipment if your monthly energy bill would be less than if it would be with the standard equipment? * UTILITY	253	100.0%	0	.0%	253	100.0%
AT1B: Would you be more likely to purchase energy efficient equipment if it increased the level of comfort in this home more than standard equipment would? * UTILITY	253	100.0%	0	.0%	253	100.0%
AT1C: Would you be more likely to purchase energy efficient equipment if you felt you were helping to protect the environment? * UTILITY	253	100.0%	0	.0%	253	100.0%
AT1D: Would you be more likely to purchase energy efficient equipment if it increased the value of this home more than standard equipment would? * UTILITY	253	100.0%	0	.0%	253	100.0%
AT1E: Would you be more likely to purchase energy efficient equipment if you received a rebate for the energy efficient equipment? * UTILITY	253	100.0%	0	.0%	253	100.0%
AT1F: Would you be more likely to purchase energy efficient equipment if your sales person recommended it? * UTILITY	253	100.0%	0	.0%	253	100.0%
AT2: In general, what do you see as the primary reason you might not purchase energy efficient equipment or make energy efficiency home improvements? * UTILITY	253	100.0%	0	.0%	253	100.0%

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PS1: Are you aware that your utility, has energy efficiency programs or products that offer incentives or rebates? * UTILITY	253	100.0%	0	.0%	253	100.0%
PS2: Have you participated in any utility energy efficiency program or purchased any of the promoted products? * UTILITY	127	50.2%	126	49.8%	253	100.0%
PS3: Would you participate in the program again or purchase the promoted products again should you have the opportunity? * UTILITY	38	15.0%	215	85.0%	253	100.0%
PS4: Why do you say that? * UTILITY	1	.4%	252	99.6%	253	100.0%
PS5_1: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.1 * UTILITY	89	35.2%	164	64.8%	253	100.0%
PS5_2: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.2 * UTILITY	23	9.1%	230	90.9%	253	100.0%
PS5_3: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.3 * UTILITY	12	4.7%	241	95.3%	253	100.0%
PS5_4: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.4 * UTILITY	7	2.8%	246	97.2%	253	100.0%
PS5_5: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.5 * UTILITY	3	1.2%	250	98.8%	253	100.0%
PS5_6: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.6 * UTILITY	1	.4%	252	99.6%	253	100.0%
DE1A: How many people living in your home are 5 years old and under: * UTILITY	253	100.0%	0	.0%	253	100.0%
DE1B: How many people living in your home are 6-18 years old: * UTILITY	253	100.0%	0	.0%	253	100.0%
DE1C: How many people living in your home are 19-34 years old: * UTILITY	253	100.0%	0	.0%	253	100.0%
DE1D: How many people living in your home are 35-54 years old: * UTILITY	253	100.0%	0	.0%	253	100.0%
DE1E: How many people living in your home are 55-64 years old: * UTILITY	253	100.0%	0	.0%	253	100.0%
DE1F: How many people living in your home are 65 years old and over: * UTILITY	253	100.0%	0	.0%	253	100.0%
DE2: What is the highest level of education you have completed? Would you say: * UTILITY	244	96.4%	9	3.6%	253	100.0%
DE3: Please stop me when I get the range of your household's total before tax annual income: * UTILITY	253	100.0%	0	.0%	253	100.0%
DE3A: Would you say it is: * UTILITY	253	100.0%	0	.0%	253	100.0%

L5\_1: When you purchased the CFL, did you:1 \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
L5_1: When you purchased the CFL, did you:1	receive an in store rebate	Count	8	11	11	10	40
		% within UTILITY	34.8%	31.4%	12.0%	27.8%	21.5%
	purchase it from NHSaves	Count	1	1	10	1	13
	Lighting Catalog	% within UTILITY	4.3%	2.9%	10.9%	2.8%	7.0%

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	none of the above	Count	13	19	62	18	112
		% within UTILITY	56.5%	54.3%	67.4%	50.0%	60.2%
	DONT KNOW	Count	1	4	9	7	21
		% within UTILITY	4.3%	11.4%	9.8%	19.4%	11.3%
	Total	Count	23	35	92	36	186
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

L5\_2: When you purchased the CFL, did you:|2 \* UTILITY Crosstabulation

			UTILITY		
			NH Elec CoOp	PSNH	Total
L5_2: When you purchased the CFL, did you: 2	purchase it from NHSaves Lighting Catalog	Count	1	1	2
		% within UTILITY	100.0%	100.0%	100.0%
	Total	Count	1	1	2
		% within UTILITY	100.0%	100.0%	100.0%

PP1: Have you remodeled any portion of this home in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP1: Have you remodeled any portion of this home in the last five years?	Yes	Count	16	18	50	18	102
		% within UTILITY	57.1%	39.1%	37.0%	40.9%	40.3%
	No	Count	12	28	85	26	151
		% within UTILITY	42.9%	60.9%	63.0%	59.1%	59.7%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP2: Did you specifically consider or include energy efficient features? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP2: Did you specifically consider or include energy efficient features?	Yes	Count	11	13	33	11	68
		% within UTILITY	68.8%	72.2%	66.0%	61.1%	66.7%
	No	Count	5	4	15	6	30
		% within UTILITY	31.3%	22.2%	30.0%	33.3%	29.4%
	DONT KNOW	Count	0	1	2	1	4
		% within UTILITY	.0%	5.6%	4.0%	5.6%	3.9%
	Total	Count	16	18	50	18	102
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP3: Do you plan on remodeling any portion of this home in the next 12 months? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP3: Do you plan on remodeling any portion of this home in the next 12 months?	Yes	Count	9	10	21	8	48
		% within UTILITY	32.1%	21.7%	15.6%	18.2%	19.0%
	No	Count	18	36	109	33	196
		% within UTILITY	64.3%	78.3%	80.7%	75.0%	77.5%
	DONT KNOW	Count	1	0	5	3	9
		% within UTILITY	3.6%	.0%	3.7%	6.8%	3.6%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP4: Do you specifically plan to include energy efficient features when remodeling? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP4: Do you specifically plan to include energy efficient features when remodeling?	Yes	Count	8	10	19	8	45
		% within UTILITY	88.9%	100.0%	90.5%	100.0%	93.8%
	No	Count	1	0	0	0	1
		% within UTILITY	11.1%	.0%	.0%	.0%	2.1%
	DONT KNOW	Count	0	0	2	0	2
		% within UTILITY	.0%	.0%	9.5%	.0%	4.2%
	Total	Count	9	10	21	8	48
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP5: How much attention would you say you and your household pays to controlling energy costs? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP5: How much attention would you say you and your household pays to controlling energy costs?	Substantial attention to these matters	Count	16	31	84	29	160
		% within UTILITY	57.1%	67.4%	62.2%	65.9%	63.2%
	Some attention	Count	9	15	42	11	77
		% within UTILITY	32.1%	32.6%	31.1%	25.0%	30.4%
	Very little attention	Count	3	0	7	3	13
		% within UTILITY	10.7%	.0%	5.2%	6.8%	5.1%
	No attention at all	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	.7%	.0%	.4%
	DONT KNOW	Count	0	0	1	1	2
		% within UTILITY	.0%	.0%	.7%	2.3%	.8%
	Total	Count	28	46	135	44	253

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	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%
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PP6: Are you familiar with the Energy Star logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP6: Are you familiar with the Energy Star logo?	Yes	Count	27	37	115	37	216
		% within UTILITY	96.4%	80.4%	85.2%	84.1%	85.4%
	No	Count	1	9	17	7	34
		% within UTILITY	3.6%	19.6%	12.6%	15.9%	13.4%
	DONT KNOW	Count	0	0	3	0	3
		% within UTILITY	.0%	.0%	2.2%	.0%	1.2%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_1: Have you purchased central air conditioning in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_1: Have you purchased central air conditioning in the last five years?	Yes	Count	1	1	9	3	14
		% within UTILITY	20.0%	33.3%	36.0%	50.0%	35.9%
	No	Count	4	2	16	3	25
		% within UTILITY	80.0%	66.7%	64.0%	50.0%	64.1%
	Total	Count	5	3	25	6	39
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_1: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_1: Does the equipment currently have an Energy Star Logo?	Yes	Count	0	1	3	1	5
		% within UTILITY	.0%	100.0%	33.3%	33.3%	35.7%
	No	Count	1	0	1	0	2
		% within UTILITY	100.0%	.0%	11.1%	.0%	14.3%
	DONT KNOW	Count	0	0	5	2	7
		% within UTILITY	.0%	.0%	55.6%	66.7%	50.0%
	Total	Count	1	1	9	3	14
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_2: Have you purchased a room air conditioning unit in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_2: Have you purchased a room air conditioning unit in the last five years?	Yes	Count	11	16	48	23	98
		% within UTILITY	61.1%	57.1%	65.8%	71.9%	64.9%
	No	Count	7	12	25	8	52
		% within UTILITY	38.9%	42.9%	34.2%	25.0%	34.4%
	DONT KNOW	Count	0	0	0	1	1
		% within UTILITY	.0%	.0%	.0%	3.1%	.7%
	Total	Count	18	28	73	32	151
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_2: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_2: Does the equipment currently have an Energy Star Logo?	Yes	Count	10	12	37	17	76
		% within UTILITY	90.9%	75.0%	77.1%	73.9%	77.6%
	No	Count	1	1	6	5	13
		% within UTILITY	9.1%	6.3%	12.5%	21.7%	13.3%
	DONT KNOW	Count	0	3	5	1	9
		% within UTILITY	.0%	18.8%	10.4%	4.3%	9.2%
	Total	Count	11	16	48	23	98
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_3: Have you purchased a water Heater in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_3: Have you purchased a water Heater in the last five years?	Yes	Count	12	12	28	8	60
		% within UTILITY	42.9%	26.1%	20.7%	18.2%	23.7%
	No	Count	16	34	105	34	189
		% within UTILITY	57.1%	73.9%	77.8%	77.3%	74.7%
	DONT KNOW	Count	0	0	2	2	4
		% within UTILITY	.0%	.0%	1.5%	4.5%	1.6%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_3: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
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			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_3: Does the equipment currently have an Energy Star Logo?	Yes	Count	8	9	17	7	41
		% within UTILITY	66.7%	75.0%	60.7%	87.5%	68.3%
	No	Count	1	3	5	1	10
		% within UTILITY	8.3%	25.0%	17.9%	12.5%	16.7%
	DONT KNOW	Count	3	0	6	0	9
		% within UTILITY	25.0%	.0%	21.4%	.0%	15.0%
	Total	Count	12	12	28	8	60
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_4: Have you purchased a refrigerator in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_4: Have you purchased a refrigerator in the last five years?	Yes	Count	11	20	59	16	106
		% within UTILITY	39.3%	43.5%	43.7%	36.4%	41.9%
	No	Count	17	26	76	28	147
		% within UTILITY	60.7%	56.5%	56.3%	63.6%	58.1%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_4: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_4: Does the equipment currently have an Energy Star Logo?	Yes	Count	11	16	48	14	89
		% within UTILITY	100.0%	80.0%	81.4%	87.5%	84.0%
	No	Count	0	3	9	1	13
		% within UTILITY	.0%	15.0%	15.3%	6.3%	12.3%
	DONT KNOW	Count	0	1	2	1	4
		% within UTILITY	.0%	5.0%	3.4%	6.3%	3.8%
	Total	Count	11	20	59	16	106
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_5: Have you purchased a stand-alone freezer in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_5: Have you purchased a stand-alone freezer in the last five years?	Yes	Count	3	7	14	4	28
		% within UTILITY	37.5%	35.0%	25.0%	21.1%	27.2%
	No	Count	5	13	42	15	75
		% within UTILITY	62.5%	65.0%	75.0%	78.9%	72.8%
	Total	Count	8	20	56	19	103
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_5: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_5: Does the equipment currently have an Energy Star Logo?	Yes	Count	2	5	11	2	20
		% within UTILITY	66.7%	71.4%	78.6%	50.0%	71.4%
	No	Count	1	2	3	1	7
		% within UTILITY	33.3%	28.6%	21.4%	25.0%	25.0%
	DONT KNOW	Count	0	0	0	1	1
		% within UTILITY	.0%	.0%	.0%	25.0%	3.6%
	Total	Count	3	7	14	4	28
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_6: Have you purchased a clothes washer in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_6: Have you purchased a clothes washer in the last five years?	Yes	Count	14	22	60	20	116
		% within UTILITY	50.0%	51.2%	45.1%	48.8%	47.3%
	No	Count	14	20	72	20	126
		% within UTILITY	50.0%	46.5%	54.1%	48.8%	51.4%
	DONT KNOW	Count	0	1	1	1	3
		% within UTILITY	.0%	2.3%	.8%	2.4%	1.2%
Total	Count	28	43	133	41	245	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

PP7B\_6: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_6: Does the equipment currently have an Energy Star Logo?	Yes	Count	13	18	48	18	97
		% within UTILITY	92.9%	81.8%	80.0%	90.0%	83.6%
	No	Count	1	3	10	1	15
		% within UTILITY	7.1%	13.6%	16.7%	5.0%	12.9%
	DONT KNOW	Count	0	1	2	1	4
		% within UTILITY	.0%	4.5%	3.3%	5.0%	3.4%

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Total	Count	14	22	60	20	116
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_7: Have you purchased a clothes dryer in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_7: Have you purchased a clothes dryer in the last five years?	Yes	Count	14	15	52	17	98
		% within UTILITY	50.0%	36.6%	41.3%	41.5%	41.5%
	No	Count	14	25	71	24	134
		% within UTILITY	50.0%	61.0%	56.3%	58.5%	56.8%
	DONT KNOW	Count	0	1	3	0	4
		% within UTILITY	.0%	2.4%	2.4%	.0%	1.7%
	Total	Count	28	41	126	41	236
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_7: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_7: Does the equipment currently have an Energy Star Logo?	Yes	Count	12	13	41	15	81
		% within UTILITY	85.7%	86.7%	78.8%	88.2%	82.7%
	No	Count	2	2	9	2	15
		% within UTILITY	14.3%	13.3%	17.3%	11.8%	15.3%
	DONT KNOW	Count	0	0	2	0	2
		% within UTILITY	.0%	.0%	3.8%	.0%	2.0%
	Total	Count	14	15	52	17	98
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_8: Have you purchased a dehumidifier in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_8: Have you purchased a dehumidifier in the last five years?	Yes	Count	4	6	16	3	29
		% within UTILITY	44.4%	85.7%	42.1%	20.0%	42.0%
	No	Count	5	1	20	11	37
		% within UTILITY	55.6%	14.3%	52.6%	73.3%	53.6%
	DONT KNOW	Count	0	0	2	1	3
		% within UTILITY	.0%	.0%	5.3%	6.7%	4.3%
	Total	Count	9	7	38	15	69
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_8: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_8: Does the equipment currently have an Energy Star Logo?	Yes	Count	3	4	12	3	22
		% within UTILITY	75.0%	66.7%	75.0%	100.0%	75.9%
	No	Count	1	2	2	0	5
		% within UTILITY	25.0%	33.3%	12.5%	.0%	17.2%
	DONT KNOW	Count	0	0	2	0	2
		% within UTILITY	.0%	.0%	12.5%	.0%	6.9%
	Total	Count	4	6	16	3	29
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_9: Have you purchased a dishwasher in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_9: Have you purchased a dishwasher in the last five years?	Yes	Count	10	18	37	16	81
		% within UTILITY	41.7%	62.1%	35.2%	51.6%	42.9%
	No	Count	14	11	68	15	108
		% within UTILITY	58.3%	37.9%	64.8%	48.4%	57.1%
	Total	Count	24	29	105	31	189
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_9: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_9: Does the equipment currently have an Energy Star Logo?	Yes	Count	9	16	31	16	72
		% within UTILITY	90.0%	88.9%	83.8%	100.0%	88.9%
	No	Count	1	1	4	0	6
		% within UTILITY	10.0%	5.6%	10.8%	.0%	7.4%
	DONT KNOW	Count	0	1	2	0	3
		% within UTILITY	.0%	5.6%	5.4%	.0%	3.7%
	Total	Count	10	18	37	16	81
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_10: Have you purchased windows in the last five years? \* UTILITY Crosstabulation

			UTILITY				
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			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_10: Have you purchased windows in the last five years?	Yes	Count	5	12	44	15	76
		% within UTILITY	17.9%	26.1%	32.6%	34.1%	30.0%
	No	Count	23	33	90	28	174
		% within UTILITY	82.1%	71.7%	66.7%	63.6%	68.8%
	DONT KNOW	Count	0	1	1	1	3
		% within UTILITY	.0%	2.2%	.7%	2.3%	1.2%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_10: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_10: Does the equipment currently have an Energy Star Logo?	Yes	Count	5	8	21	9	43
		% within UTILITY	100.0%	66.7%	47.7%	60.0%	56.6%
	No	Count	0	0	10	3	13
		% within UTILITY	.0%	.0%	22.7%	20.0%	17.1%
	DONT KNOW	Count	0	4	13	3	20
		% within UTILITY	.0%	33.3%	29.5%	20.0%	26.3%
	Total	Count	5	12	44	15	76
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_11: Have you purchased computers or other home office equipment in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_11: Have you purchased computers or other home office equipment in the last five years?	Yes	Count	17	20	73	19	129
		% within UTILITY	60.7%	43.5%	54.1%	43.2%	51.0%
	No	Count	11	26	57	21	115
		% within UTILITY	39.3%	56.5%	42.2%	47.7%	45.5%
	DONT KNOW	Count	0	0	5	4	9
		% within UTILITY	.0%	.0%	3.7%	9.1%	3.6%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_11: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_11: Does the equipment currently have an Energy Star Logo?	Yes	Count	10	10	29	9	58
		% within UTILITY	58.8%	50.0%	39.7%	47.4%	45.0%
	No	Count	1	4	14	4	23
		% within UTILITY	5.9%	20.0%	19.2%	21.1%	17.8%
	DONT KNOW	Count	6	6	30	6	48
		% within UTILITY	35.3%	30.0%	41.1%	31.6%	37.2%
	Total	Count	17	20	73	19	129
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP8: In the last five years have you purchased any other equipment or appliances that you specifically requested be energy efficient or that you purchased to reduce your home energy costs? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP8: In the last five years have you purchased any other equipment or appliances that you specifically requested be energy efficient or that you purchased to reduce your home energy costs?	Yes	Count	5	7	24	10	46
		% within UTILITY	17.9%	15.2%	17.8%	22.7%	18.2%
	No	Count	23	39	110	31	203
		% within UTILITY	82.1%	84.8%	81.5%	70.5%	80.2%
	DONT KNOW	Count	0	0	1	3	4
		% within UTILITY	.0%	.0%	.7%	6.8%	1.6%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP9\_1: What else did you purchase?|1 \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP9_1: What else did you purchase? 1	appliances	Count	2	5	5	2	14
		% within UTILITY	40.0%	71.4%	20.8%	20.0%	30.4%
	fluorescent light fixtures	Count	1	0	1	0	2
		% within UTILITY	20.0%	.0%	4.2%	.0%	4.3%
	insulation (walls, ceiling, attic, basement, crawl spaces, spot insulation)	Count	0	0	2	0	2
		% within UTILITY	.0%	.0%	8.3%	.0%	4.3%
	microwave	Count	0	1	1	1	3
		% within UTILITY	.0%	14.3%	4.2%	10.0%	6.5%
	oven	Count	1	0	4	1	6
		% within UTILITY	20.0%	.0%	16.7%	10.0%	13.0%
	storm windows, door	Count	1	0	2	2	5
		% within UTILITY	20.0%	.0%	16.7%	10.0%	13.0%



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	% within UTILITY	20.0%	.0%	8.3%	20.0%	10.9%
stove or cook top	Count	0	0	4	1	5
	% within UTILITY	.0%	.0%	16.7%	10.0%	10.9%
weatherstripping, caulking, sealing,	Count	0	0	0	1	1
	% within UTILITY	.0%	.0%	.0%	10.0%	2.2%
window insulation, wrap, coverings, insulating draperies	Count	0	0	1	0	1
	% within UTILITY	.0%	.0%	4.2%	.0%	2.2%
wood stove	Count	0	0	2	0	2
	% within UTILITY	.0%	.0%	8.3%	.0%	4.3%
Other (specify)	Count	0	1	2	2	5
	% within UTILITY	.0%	14.3%	8.3%	20.0%	10.9%
Total	Count	5	7	24	10	46
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP9\_2: What else did you purchase?|2 \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
PP9_2: What else did you purchase? 2	appliances	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	12.5%	.0%	7.1%
	fluorescent light fixtures	Count	0	4	0	0	4
		% within UTILITY	.0%	100.0%	.0%	.0%	28.6%
	insulation (walls,ceiling,attic,basement,condo)	Count	0	0	2	0	2
		% within UTILITY	.0%	.0%	25.0%	.0%	14.3%
	insulation on ducts and pipes	Count	0	0	2	0	2
		% within UTILITY	.0%	.0%	25.0%	.0%	14.3%
	microwave	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	12.5%	.0%	7.1%
	oven	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	12.5%	.0%	7.1%
	stove or cook top	Count	1	0	1	0	2
		% within UTILITY	100.0%	.0%	12.5%	.0%	14.3%
	window insulation, wrap, coverings, insulating	Count	0	0	0	1	1
		% within UTILITY	.0%	.0%	.0%	100.0%	7.1%
	Total	Count	1	4	8	1	14
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP9\_3: What else did you purchase?|3 \* UTILITY Crosstabulation

		UTILITY				
		NH Elec CoOp	PSNH	Unitil	Total	
PP9_3: What else did you purchase? 3	fluorescent light fixtures	Count	0	1	0	1
		% within UTILITY	.0%	20.0%	.0%	9.1%
	insulation (walls,ceiling,attic,basement,condo)	Count	3	0	0	3
		% within UTILITY	60.0%	.0%	.0%	27.3%
	insulation on ducts and pipes	Count	0	1	0	1
		% within UTILITY	.0%	20.0%	.0%	9.1%
	microwave	Count	0	1	0	1
		% within UTILITY	.0%	20.0%	.0%	9.1%
	storm windows, door	Count	1	0	0	1
		% within UTILITY	20.0%	.0%	.0%	9.1%
	stove or cook top	Count	0	0	1	1
		% within UTILITY	.0%	.0%	100.0%	9.1%
	thermostat, programmable thermostat	Count	0	1	0	1
		% within UTILITY	.0%	20.0%	.0%	9.1%
	Furnace	Count	0	1	0	1
		% within UTILITY	.0%	20.0%	.0%	9.1%
	Other (specify)	Count	1	0	0	1
		% within UTILITY	20.0%	.0%	.0%	9.1%
	Total	Count	5	5	1	11
		% within UTILITY	100.0%	100.0%	100.0%	100.0%

PP9\_4: What else did you purchase?|4 \* UTILITY Crosstabulation

		UTILITY			
		NH Elec CoOp	PSNH	Total	
PP9_4: What else did you purchase? 4	insulation on ducts and pipes	Count	3	1	4
		% within UTILITY	75.0%	33.3%	57.1%
	microwave	Count	1	1	2
		% within UTILITY	25.0%	33.3%	28.6%
	storm windows, door	Count	0	1	1
		% within UTILITY	.0%	33.3%	14.3%
Total	Count	4	3	7	
	% within UTILITY	100.0%	100.0%	100.0%	

PP9\_5: What else did you purchase?|5 \* UTILITY Crosstabulation

		UTILITY		
		NH Elec CoOp	PSNH	Total

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PP9_5: What else did you purchase? 5	microwave	Count	1	0	1
		% within UTILITY	25.0%	.0%	12.5%
	oven	Count	2	1	3
		% within UTILITY	50.0%	25.0%	37.5%
	thermostat, programmable thermostat	Count	0	1	1
		% within UTILITY	.0%	25.0%	12.5%
	weatherstripping, caulking, sealing,	Count	1	1	2
		% within UTILITY	25.0%	25.0%	25.0%
	Other (specify)	Count	0	1	1
		% within UTILITY	.0%	25.0%	12.5%
Total	Count	4	4	8	
	% within UTILITY	100.0%	100.0%	100.0%	

PP9\_6: What else did you purchase?|6 \* UTILITY Crosstabulation

			UTILITY		
			NH Elec CoOp	PSNH	Total
PP9_6: What else did you purchase? 6	oven	Count	1	0	1
		% within UTILITY	33.3%	.0%	20.0%
	storm windows, door	Count	1	1	2
		% within UTILITY	33.3%	50.0%	40.0%
	thermostat, programmable thermostat	Count	1	0	1
		% within UTILITY	33.3%	.0%	20.0%
	weatherstripping, caulking, sealing,	Count	0	1	1
		% within UTILITY	.0%	50.0%	20.0%
	Total	Count	3	2	5
		% within UTILITY	100.0%	100.0%	100.0%

PP9\_7: What else did you purchase?|7 \* UTILITY Crosstabulation

			UTILITY		
			NH Elec CoOp	PSNH	Total
PP9_7: What else did you purchase? 7	storm windows, door	Count	1	0	1
		% within UTILITY	33.3%	.0%	25.0%
	stove or cook top	Count	2	1	3
		% within UTILITY	66.7%	100.0%	75.0%
	Total	Count	3	1	4
		% within UTILITY	100.0%	100.0%	100.0%

PP9\_8: What else did you purchase?|8 \* UTILITY Crosstabulation

			UTILITY		
			NH Elec CoOp	PSNH	Total
PP9_8: What else did you purchase? 8	stove or cook top	Count	1	0	1
		% within UTILITY	33.3%	.0%	25.0%
	thermostat, programmable thermostat	Count	1	1	2
		% within UTILITY	33.3%	100.0%	50.0%
	Other (specify)	Count	1	0	1
		% within UTILITY	33.3%	.0%	25.0%
	Total	Count	3	1	4
		% within UTILITY	100.0%	100.0%	100.0%

PP9\_9: What else did you purchase?|9 \* UTILITY Crosstabulation

			UTILITY		
			NH Elec CoOp	PSNH	Total
PP9_9: What else did you purchase? 9	thermostat, programmable thermostat	Count	1	0	1
		% within UTILITY	50.0%	.0%	33.3%
	timers	Count	1	1	2
		% within UTILITY	50.0%	100.0%	66.7%
	Total	Count	2	1	3
		% within UTILITY	100.0%	100.0%	100.0%

PP9\_10: What else did you purchase?|10 \* UTILITY Crosstabulation

			UTILITY		
			NH Elec CoOp	PSNH	Total
PP9_10: What else did you purchase? 10	timers	Count	1	0	1
		% within UTILITY	50.0%	.0%	33.3%
	weatherstripping, caulking, sealing,	Count	1	1	2
		% within UTILITY	50.0%	100.0%	66.7%
	Total	Count	2	1	3
		% within UTILITY	100.0%	100.0%	100.0%

PP9\_11: What else did you purchase?|11 \* UTILITY Crosstabulation

			UTILITY	
			NH Elec CoOp	Total
PP9_11: What else did you purchase? 11	weatherstripping, caulking, sealing,	Count	1	1
		% within UTILITY	50.0%	50.0%
	window insulation, wrap,	Count	1	1

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	coverings, insulating	% within UTILITY	50.0%	50.0%
	Total	Count	2	2
		% within UTILITY	100.0%	100.0%

PP9\_12: What else did you purchase?|12 \* UTILITY Crosstabulation

		UTILITY		
			NH Elec CoOp	Total
PP9_12: What else did you purchase? 12	Count		1	1
	window insulation, wrap, coverings, insulating	% within UTILITY	50.0%	50.0%
	Count		1	1
	wood stove	% within UTILITY	50.0%	50.0%
	Count		2	2
	Total	% within UTILITY	100.0%	100.0%

PP9\_13: What else did you purchase?|13 \* UTILITY Crosstabulation

		UTILITY		
			NH Elec CoOp	Total
PP9_13: What else did you purchase? 13	Count		1	1
	wood stove	% within UTILITY	100.0%	100.0%
	Count		1	1
	Total	% within UTILITY	100.0%	100.0%

AT1A: Would you be more likely to purchase energy efficient equipment if your monthly energy bill would be less than if it would be with the standard equipment? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT1A: Would you be more likely to purchase energy efficient equipment if your monthly energy bill would be less than if it would be with the standard equipment?	Not at All Likely	Count	0	0	3	1	4
		% within UTILITY	.0%	.0%	2.2%	2.3%	1.6%
	3	Count	1	4	7	4	16
		% within UTILITY	3.6%	8.7%	5.2%	9.1%	6.3%
	4	Count	4	5	13	8	30
		% within UTILITY	14.3%	10.9%	9.6%	18.2%	11.9%
	Extremely Likely	Count	22	36	108	30	196
		% within UTILITY	78.6%	78.3%	80.0%	68.2%	77.5%
	Don't know	Count	1	1	4	1	7
		% within UTILITY	3.6%	2.2%	3.0%	2.3%	2.8%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

AT1B: Would you be more likely to purchase energy efficient equipment if it increased the level of comfort in this home more than standard equipment would? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT1B: Would you be more likely to purchase energy efficient equipment if it increased the level of comfort in this home more than standard equipment would?	Not at All Likely	Count	0	3	5	1	9
		% within UTILITY	.0%	6.5%	3.7%	2.3%	3.6%
	2	Count	2	1	3	0	6
		% within UTILITY	7.1%	2.2%	2.2%	.0%	2.4%
	3	Count	1	2	12	5	20
		% within UTILITY	3.6%	4.3%	8.9%	11.4%	7.9%
	4	Count	7	7	15	6	35
		% within UTILITY	25.0%	15.2%	11.1%	13.6%	13.8%
	Extremely Likely	Count	18	32	98	31	179
		% within UTILITY	64.3%	69.6%	72.6%	70.5%	70.8%
	Don't know	Count	0	1	2	1	4
		% within UTILITY	.0%	2.2%	1.5%	2.3%	1.6%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

AT1C: Would you be more likely to purchase energy efficient equipment if you felt you were helping to protect the environment? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT1C: Would you be more likely to purchase energy efficient equipment if you felt you were helping to protect the environment?	Not at All Likely	Count	1	0	9	4	14
		% within UTILITY	3.6%	.0%	6.7%	9.1%	5.5%
	2	Count	1	1	4	1	7
		% within UTILITY	3.6%	2.2%	3.0%	2.3%	2.8%
	3	Count	0	2	8	5	15
		% within UTILITY	.0%	4.3%	5.9%	11.4%	5.9%
	4	Count	6	5	22	8	41
		% within UTILITY	21.4%	10.9%	16.3%	18.2%	16.2%
	Extremely Likely	Count	20	36	91	26	173
		% within UTILITY	71.4%	78.3%	67.4%	59.1%	68.4%
	Don't know	Count	0	2	1	0	3
		% within UTILITY	.0%	4.3%	.7%	.0%	1.2%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

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AT1D: Would you be more likely to purchase energy efficient equipment if it increased the value of this home more than standard equipment would? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT1D: Would you be more likely to purchase energy efficient equipment if it increased the value of this home more than standard equipment would?	Not at All Likely	Count	0	6	12	2	20
		% within UTILITY	.0%	13.0%	8.9%	4.5%	7.9%
	2	Count	1	0	7	0	8
		% within UTILITY	3.6%	.0%	5.2%	.0%	3.2%
	3	Count	4	5	6	5	20
		% within UTILITY	14.3%	10.9%	4.4%	11.4%	7.9%
	4	Count	1	6	11	6	24
		% within UTILITY	3.6%	13.0%	8.1%	13.6%	9.5%
	Extremely Likely	Count	22	28	93	31	174
		% within UTILITY	78.6%	60.9%	68.9%	70.5%	68.8%
	Don't know	Count	0	1	6	0	7
		% within UTILITY	.0%	2.2%	4.4%	.0%	2.8%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

AT1E: Would you be more likely to purchase energy efficient equipment if you received a rebate for the energy efficient equipment? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT1E: Would you be more likely to purchase energy efficient equipment if you received a rebate for the energy efficient equipment?	Not at All Likely	Count	1	4	9	3	17
		% within UTILITY	3.6%	8.7%	6.7%	6.8%	6.7%
	2	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	.7%	.0%	.4%
	3	Count	2	1	16	1	20
		% within UTILITY	7.1%	2.2%	11.9%	2.3%	7.9%
	4	Count	3	6	21	8	38
		% within UTILITY	10.7%	13.0%	15.6%	18.2%	15.0%
	Extremely Likely	Count	21	35	88	32	176
		% within UTILITY	75.0%	76.1%	65.2%	72.7%	69.6%
	Don't know	Count	1	0	0	0	1
		% within UTILITY	3.6%	.0%	.0%	.0%	.4%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

AT1F: Would you be more likely to purchase energy efficient equipment if your sales person recommended it? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT1F: Would you be more likely to purchase energy efficient equipment if your sales person recommended it?	Not at All Likely	Count	5	12	30	10	57
		% within UTILITY	17.9%	26.1%	22.2%	22.7%	22.5%
	2	Count	3	2	11	3	19
		% within UTILITY	10.7%	4.3%	8.1%	6.8%	7.5%
	3	Count	4	6	25	11	46
		% within UTILITY	14.3%	13.0%	18.5%	25.0%	18.2%
	4	Count	3	3	22	10	38
		% within UTILITY	10.7%	6.5%	16.3%	22.7%	15.0%
	Extremely Likely	Count	11	18	44	9	82
		% within UTILITY	39.3%	39.1%	32.6%	20.5%	32.4%
	Don't know	Count	2	5	3	1	11
		% within UTILITY	7.1%	10.9%	2.2%	2.3%	4.3%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

AT2: In general, what do you see as the primary reasons you might not purchase energy efficient equipment or make energy efficiency home improvements? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT2: In general, what do you see as the primary reason you might not purchase energy efficient equipment or make energy efficiency home improvements?	Cost / Benefit	Count	12	22	64	18	116
		% within UTILITY	42.9%	47.8%	47.4%	40.9%	45.8%
	Safety	Count	0	1	0	1	2
		% within UTILITY	.0%	2.2%	.0%	2.3%	.8%
	Quality	Count	1	2	2	2	7
		% within UTILITY	3.6%	4.3%	1.5%	4.5%	2.8%
	Cosmetics / Features	Count	0	0	1	2	3
		% within UTILITY	.0%	.0%	.7%	4.5%	1.2%
	Renters / Not Owners of Property	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	.7%	.0%	.4%
	No Reason	Count	0	1	3	0	4
		% within UTILITY	.0%	2.2%	2.2%	.0%	1.6%
	Need Basis	Count	1	6	9	5	21
		% within UTILITY	3.6%	13.0%	6.7%	11.4%	8.3%
	Other	Count	3	0	5	4	12
		% within UTILITY	10.7%	.0%	3.7%	9.1%	4.7%
	Don't know	Count	11	14	45	12	82
		% within UTILITY	39.3%	30.4%	33.3%	27.3%	32.4%
	Refused	Count	0	0	5	0	5
		% within UTILITY	.0%	.0%	3.7%	.0%	2.0%

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	% within UTILITY	.0%	.0%	3.7%	.0%	2.0%
Total	Count	28	46	135	44	253
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

**PS1: Are you aware that your utility, has energy efficiency programs or products that offer incentives or rebates? \* UTILITY Crosstabulation**

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PS1: Are you aware that your utility, has energy efficiency programs or products that offer incentives or rebates?	Yes	Count	12	32	62	21	127
		% within UTILITY	42.9%	69.6%	45.9%	47.7%	50.2%
	No	Count	14	12	70	22	118
		% within UTILITY	50.0%	26.1%	51.9%	50.0%	46.6%
	DONT KNOW	Count	2	2	3	1	8
		% within UTILITY	7.1%	4.3%	2.2%	2.3%	3.2%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

**PS2: Have you participated in any utility energy efficiency program or purchased any of the promoted products? \* UTILITY Crosstabulation**

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PS2: Have you participated in any utility energy efficiency program or purchased any of the promoted products?	Yes	Count	3	11	20	4	38
		% within UTILITY	25.0%	34.4%	32.3%	19.0%	29.9%
	No	Count	8	21	41	16	86
		% within UTILITY	66.7%	65.6%	66.1%	76.2%	67.7%
	DONT KNOW	Count	1	0	1	1	3
		% within UTILITY	8.3%	.0%	1.6%	4.8%	2.4%
	Total	Count	12	32	62	21	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

**PS3: Would you participate in the program again or purchase the promoted products again should you have the opportunity? \* UTILITY Crosstabulation**

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PS3: Would you participate in the program again or purchase the promoted products again should you have the opportunity?	Yes	Count	3	10	20	4	37
		% within UTILITY	100.0%	90.9%	100.0%	100.0%	97.4%
	No	Count	0	1	0	0	1
		% within UTILITY	.0%	9.1%	.0%	.0%	2.6%
	Total	Count	3	11	20	4	38
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

**PS4: Why do you say that? \* UTILITY Crosstabulation**

			UTILITY	
			NH Elec CoOp	Total
PS4: Why do you say that?	Other (specify)	Count	1	1
		% within UTILITY	100.0%	100.0%
	Total	Count	1	1
		% within UTILITY	100.0%	100.0%

**PS5\_1: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.1 \* UTILITY Crosstabulation**

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PS5_1: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.1	I didn't know I was eligible	Count	3	6	11	3	23
		% within UTILITY	33.3%	28.6%	26.2%	17.6%	25.8%
	I have not recently purchased any of the items we have talked about	Count	3	6	16	6	31
		% within UTILITY	33.3%	28.6%	38.1%	35.3%	34.8%
	I have purchased items but they were not energy efficient	Count	0	1	2	0	3
		% within UTILITY	.0%	4.8%	4.8%	.0%	3.4%
	I don't know how to find out more about the programs	Count	0	1	3	2	6
		% within UTILITY	.0%	4.8%	7.1%	11.8%	6.7%
	Salesperson didn't talk to me about any programs	Count	1	0	1	1	3
		% within UTILITY	11.1%	.0%	2.4%	5.9%	3.4%
	Program incentives were not enough	Count	0	1	1	0	2
		% within UTILITY	.0%	4.8%	2.4%	.0%	2.2%
	It wasn't worth the hassle (describe)	Count	0	2	4	2	8
		% within UTILITY	.0%	9.5%	9.5%	11.8%	9.0%
	Other(specify)	Count	2	2	1	2	7
		% within UTILITY	22.2%	9.5%	2.4%	11.8%	7.9%
	No Reason	Count	0	1	2	1	4
		% within UTILITY	.0%	4.8%	4.8%	5.9%	4.5%
	No Need	Count	0	1	1	0	2
		% within UTILITY	.0%	4.8%	2.4%	.0%	2.2%
Total	Count	9	21	42	17	89	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

**PS5\_2: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.2 \* UTILITY Crosstabulation**

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			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PS5_2: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. <sup>2</sup>	I didn't know I was eligible	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	10.0%	.0%	4.3%
	I have not recently purchased any of the items we have talked about	Count	2	1	3	2	8
		% within UTILITY	50.0%	25.0%	30.0%	40.0%	34.8%
	I have purchased items but they were not energy efficient	Count	1	0	3	1	5
		% within UTILITY	25.0%	.0%	30.0%	20.0%	21.7%
	I don't know how to find out more about the programs	Count	0	2	0	0	2
		% within UTILITY	.0%	50.0%	.0%	.0%	8.7%
	Salesperson didn't talk to me about any programs	Count	0	0	1	1	2
		% within UTILITY	.0%	.0%	10.0%	20.0%	8.7%
	Program incentives were not enough	Count	1	1	0	0	2
		% within UTILITY	25.0%	25.0%	.0%	.0%	8.7%
	It wasn't worth the hassle (describe)	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	10.0%	.0%	4.3%
Other(specify)	Count	0	0	0	1	1	
	% within UTILITY	.0%	.0%	.0%	20.0%	4.3%	
No Reason	Count	0	0	1	0	1	
	% within UTILITY	.0%	.0%	10.0%	.0%	4.3%	
Total	Count	4	4	10	5	23	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

PS5\_3: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.<sup>3</sup> \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PS5_3: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. <sup>3</sup>	I have purchased items but they were not energy efficient	Count	1	0	1	0	2
		% within UTILITY	33.3%	.0%	20.0%	.0%	16.7%
	I don't know how to find out more about the programs	Count	1	1	2	1	5
		% within UTILITY	33.3%	50.0%	40.0%	50.0%	41.7%
	Salesperson didn't talk to me about any programs	Count	1	1	1	0	3
		% within UTILITY	33.3%	50.0%	20.0%	.0%	25.0%
	Program incentives were not enough	Count	0	0	1	1	2
	% within UTILITY	.0%	.0%	20.0%	50.0%	16.7%	
Total	Count	3	2	5	2	12	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

PS5\_4: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.<sup>4</sup> \* UTILITY Crosstabulation

			UTILITY			
			Granite State Electric	NH Elec CoOp	PSNH	Total
PS5_4: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. <sup>4</sup>	I don't know how to find out more about the programs	Count	0	0	2	2
		% within UTILITY	.0%	.0%	50.0%	28.6%
	Salesperson didn't talk to me about any programs	Count	0	0	2	2
		% within UTILITY	.0%	.0%	50.0%	28.6%
	Program incentives were not enough	Count	2	1	0	3
		% within UTILITY	100.0%	100.0%	.0%	42.9%
Total	Count	2	1	4	7	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	

PS5\_5: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.<sup>5</sup> \* UTILITY Crosstabulation

			UTILITY			
			Granite State Electric	NH Elec CoOp	PSNH	Total
PS5_5: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. <sup>5</sup>	Salesperson didn't talk to me about any programs	Count	1	0	1	2
		% within UTILITY	100.0%	.0%	100.0%	66.7%
	It wasn't worth the hassle (describe)	Count	0	1	0	1
		% within UTILITY	.0%	100.0%	.0%	33.3%
	Total	Count	1	1	1	3
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	

PS5\_6: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.<sup>6</sup> \* UTILITY Crosstabulation

			UTILITY	
			PSNH	Total
PS5_6: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. <sup>6</sup>	Program incentives were not enough	Count	1	1
		% within UTILITY	100.0%	100.0%
	Total	Count	1	1
		% within UTILITY	100.0%	100.0%

DE1A: How many people living in your home are 5 years old and under: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE1A: How many people living in your home are 5	Refusal	Count	1	1	0	1	3

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years old and under		UTILITY				
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
0	Count	20	41	118	39	218
	% within UTILITY	71.4%	89.1%	87.4%	88.6%	86.2%
1	Count	3	2	13	1	19
	% within UTILITY	10.7%	4.3%	9.6%	2.3%	7.5%
2	Count	2	1	4	2	9
	% within UTILITY	7.1%	2.2%	3.0%	4.5%	3.6%
3	Count	2	1	0	0	3
	% within UTILITY	7.1%	2.2%	.0%	.0%	1.2%
4	Count	0	0	0	1	1
	% within UTILITY	.0%	.0%	.0%	2.3%	.4%
Total	Count	28	46	135	44	253
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

DE1B: How many people living in your home are 6-18 years old: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE1B: How many people living in your home are 6-18 years old:	Refusal	Count	1	1	0	1	3
		% within UTILITY	3.6%	2.2%	.0%	2.3%	1.2%
0	Count	14	36	88	31	169	
	% within UTILITY	50.0%	78.3%	65.2%	70.5%	66.8%	
1	Count	7	5	24	3	39	
	% within UTILITY	25.0%	10.9%	17.8%	6.8%	15.4%	
2	Count	2	1	16	7	26	
	% within UTILITY	7.1%	2.2%	11.9%	15.9%	10.3%	
3	Count	3	3	5	2	13	
	% within UTILITY	10.7%	6.5%	3.7%	4.5%	5.1%	
4	Count	1	0	1	0	2	
	% within UTILITY	3.6%	.0%	.7%	.0%	.8%	
5	Count	0	0	1	0	1	
	% within UTILITY	.0%	.0%	.7%	.0%	.4%	
Total	Count	28	46	135	44	253	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

DE1C: How many people living in your home are 19-34 years old: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE1C: How many people living in your home are 19-34 years old:	Refusal	Count	1	1	0	1	3
		% within UTILITY	3.6%	2.2%	.0%	2.3%	1.2%
0	Count	17	29	101	35	182	
	% within UTILITY	60.7%	63.0%	74.8%	79.5%	71.9%	
1	Count	6	13	11	5	35	
	% within UTILITY	21.4%	28.3%	8.1%	11.4%	13.8%	
2	Count	2	3	21	3	29	
	% within UTILITY	7.1%	6.5%	15.6%	6.8%	11.5%	
3	Count	1	0	2	0	3	
	% within UTILITY	3.6%	.0%	1.5%	.0%	1.2%	
5	Count	1	0	0	0	1	
	% within UTILITY	3.6%	.0%	.0%	.0%	.4%	
Total	Count	28	46	135	44	253	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

DE1D: How many people living in your home are 35-54 years old: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE1D: How many people living in your home are 35-54 years old:	Refusal	Count	1	1	0	1	3
		% within UTILITY	3.6%	2.2%	.0%	2.3%	1.2%
0	Count	7	22	66	18	113	
	% within UTILITY	25.0%	47.8%	48.9%	40.9%	44.7%	
1	Count	7	9	23	7	46	
	% within UTILITY	25.0%	19.6%	17.0%	15.9%	18.2%	
2	Count	13	14	45	18	90	
	% within UTILITY	46.4%	30.4%	33.3%	40.9%	35.6%	
4	Count	0	0	1	0	1	
	% within UTILITY	.0%	.0%	.7%	.0%	.4%	
Total	Count	28	46	135	44	253	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

DE1E: How many people living in your home are 55-64 years old: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE1E: How many people living in your home are 55-64 years old:	Refusal	Count	1	2	1	1	5
		% within UTILITY	3.6%	4.3%	.7%	2.3%	2.0%
0	Count	23	31	95	31	180	
	% within UTILITY	82.1%	67.4%	70.4%	70.5%	71.1%	
1	Count	2	5	23	4	34	
	% within UTILITY	7.1%	10.9%	17.0%	9.1%	13.4%	

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2	Count	2	8	16	8	34
	% within UTILITY	7.1%	17.4%	11.9%	18.2%	13.4%
Total	Count	28	46	135	44	253
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

DE1F: How many people living in your home are 65 years old and over: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE1F: How many people living in your home are 65 years old and over:	Refusal	Count	1	1	1	1	4
		% within UTILITY	3.6%	2.2%	.7%	2.3%	1.6%
	0	Count	23	34	94	32	183
		% within UTILITY	82.1%	73.9%	69.6%	72.7%	72.3%
	1	Count	3	5	27	5	40
		% within UTILITY	10.7%	10.9%	20.0%	11.4%	15.8%
	2	Count	1	6	13	6	26
		% within UTILITY	3.6%	13.0%	9.6%	13.6%	10.3%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

DE2: What is the highest level of education you have completed? Would you say: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE2: What is the highest level of education you have completed? Would you say:	Not a high school graduate	Count	1	1	1	3	6
		% within UTILITY	3.8%	2.2%	.8%	7.1%	2.5%
	High school graduate or GED (high school equivalency)	Count	6	14	28	9	57
		% within UTILITY	23.1%	31.1%	21.4%	21.4%	23.4%
	Some college/trade/vocational	Count	7	11	32	10	60
		% within UTILITY	26.9%	24.4%	24.4%	23.8%	24.6%
	College graduate	Count	7	10	46	14	77
		% within UTILITY	26.9%	22.2%	35.1%	33.3%	31.6%
	Postgraduate degree	Count	5	9	24	6	44
		% within UTILITY	19.2%	20.0%	18.3%	14.3%	18.0%
	Total	Count	26	45	131	42	244
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

DE3: Please stop me when I get the range of your household's total before tax annual income: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE3: Please stop me when I get the range of your household's total before tax annual income:	Less than \$50,000, or	Count	4	13	33	12	62
		% within UTILITY	14.3%	28.3%	24.4%	27.3%	24.5%
	\$50,000 - \$109,999, or	Count	12	18	52	15	97
		% within UTILITY	42.9%	39.1%	38.5%	34.1%	38.3%
	More than \$110,000?	Count	7	5	22	10	44
		% within UTILITY	25.0%	10.9%	16.3%	22.7%	17.4%
	REFUSED	Count	5	10	28	7	50
		% within UTILITY	17.9%	21.7%	20.7%	15.9%	19.8%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

DE3A: Would you say it is: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE3A: Would you say it is:	\$10,000 - \$29,999	Count	1	6	13	3	23
		% within UTILITY	3.6%	13.0%	9.6%	6.8%	9.1%
	\$30,000 - \$49,999	Count	3	6	19	7	35
		% within UTILITY	10.7%	13.0%	14.1%	15.9%	13.8%
	\$50,000 - \$69,999	Count	4	8	19	7	38
		% within UTILITY	14.3%	17.4%	14.1%	15.9%	15.0%
	\$70,000 - \$89,999	Count	4	6	16	4	30
		% within UTILITY	14.3%	13.0%	11.9%	9.1%	11.9%
	\$90,000 - \$109,999	Count	3	3	14	3	23
		% within UTILITY	10.7%	6.5%	10.4%	6.8%	9.1%
	\$110,000 - \$149,999	Count	3	2	12	5	22
		% within UTILITY	10.7%	4.3%	8.9%	11.4%	8.7%
	\$149,000 - \$199,999	Count	1	2	7	3	13
		% within UTILITY	3.6%	4.3%	5.2%	6.8%	5.1%
	\$200,000 or more	Count	1	0	3	1	5
		% within UTILITY	3.6%	.0%	2.2%	2.3%	2.0%
	REFUSED	Count	8	13	32	11	64
		% within UTILITY	28.6%	28.3%	23.7%	25.0%	25.3%
	Total	Count	28	46	135	44	253
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

Statistics



Tab 1 - Single Family Permanent Resident Survey Data

		GR: Gender of respondent?	UTILITY	STATE	Income - original sample field	KWH
N	Valid	253	253	253	253	224
	Missing	0	0	0	0	29

Frequency Table

GR: Gender of respondent?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Male	117	46.2	46.2	46.2
	Female	136	53.8	53.8	100.0
	Total	253	100.0	100.0	

UTILITY

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Granite State Electric	28	11.1	11.1	11.1
	NH Elec CoOp	46	18.2	18.2	29.2
	PSNH	135	53.4	53.4	82.6
	Unitil	44	17.4	17.4	100.0
	Total	253	100.0	100.0	

Income - original sample field

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Limited Income	10	4.0	4.0	4.0
	Non-Limited Income	243	96.0	96.0	100.0
	Total	253	100.0	100.0	

KWH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	634	1	.4	.4	.4
	1023	1	.4	.4	.9
	1395	1	.4	.4	1.3
	1780	1	.4	.4	1.8
	1804	1	.4	.4	2.2
	1950	1	.4	.4	2.7
	2141	1	.4	.4	3.1
	2157	1	.4	.4	3.6
	2186	1	.4	.4	4.0
	2235	1	.4	.4	4.5
	2424	1	.4	.4	4.9
	2500	1	.4	.4	5.4
	2511	1	.4	.4	5.8
	2537	1	.4	.4	6.3
	2576	1	.4	.4	6.7
	2666	1	.4	.4	7.1
	2763	1	.4	.4	7.6
	2789	1	.4	.4	8.0
	2866	1	.4	.4	8.5
	2904	1	.4	.4	8.9
	3084	1	.4	.4	9.4
	3107	1	.4	.4	9.8
	3116	1	.4	.4	10.3
	3128	1	.4	.4	10.7
	3370	1	.4	.4	11.2
	3422	1	.4	.4	11.6
	3467	1	.4	.4	12.1
	3532	1	.4	.4	12.5
	3537	1	.4	.4	12.9
	3568	1	.4	.4	13.4
	3623	1	.4	.4	13.8
	3642	1	.4	.4	14.3
	3661	1	.4	.4	14.7
	3698	1	.4	.4	15.2
	3755	1	.4	.4	15.6
	3829	1	.4	.4	16.1
	3855	1	.4	.4	16.5
	3895	1	.4	.4	17.0
	4055	1	.4	.4	17.4
	4078	1	.4	.4	17.9
4122	1	.4	.4	18.3	
4131	1	.4	.4	18.8	
4367	1	.4	.4	19.2	
4373	1	.4	.4	19.6	
4393	1	.4	.4	20.1	
4577	1	.4	.4	20.5	
4612	1	.4	.4	21.0	

Tab 1 - Single Family Permanent Resident Survey Data

4674	1	.4	.4	21.4
4716	1	.4	.4	21.9
4765	1	.4	.4	22.3
4779	1	.4	.4	22.8
4829	1	.4	.4	23.2
4838	1	.4	.4	23.7
4944	1	.4	.4	24.1
4978	1	.4	.4	24.6
4997	1	.4	.4	25.0
5012	1	.4	.4	25.4
5133	1	.4	.4	25.9
5206	1	.4	.4	26.3
5253	1	.4	.4	26.8
5255	1	.4	.4	27.2
5260	1	.4	.4	27.7
5326	1	.4	.4	28.1
5380	1	.4	.4	28.6
5388	1	.4	.4	29.0
5400	1	.4	.4	29.5
5442	1	.4	.4	29.9
5558	1	.4	.4	30.4
5609	1	.4	.4	30.8
5621	1	.4	.4	31.3
5660	1	.4	.4	31.7
5767	1	.4	.4	32.1
5886	1	.4	.4	32.6
5889	1	.4	.4	33.0
5904	1	.4	.4	33.5
5956	1	.4	.4	33.9
5993	1	.4	.4	34.4
6037	1	.4	.4	34.8
6160	1	.4	.4	35.3
6176	1	.4	.4	35.7
6219	1	.4	.4	36.2
6260	1	.4	.4	36.6
6269	1	.4	.4	37.1
6311	1	.4	.4	37.5
6357	1	.4	.4	37.9
6417	1	.4	.4	38.4
6421	1	.4	.4	38.8
6432	1	.4	.4	39.3
6477	1	.4	.4	39.7
6497	1	.4	.4	40.2
6550	1	.4	.4	40.6
6623	1	.4	.4	41.1
6800	1	.4	.4	41.5
6848	1	.4	.4	42.0
6869	1	.4	.4	42.4
6898	1	.4	.4	42.9
6937	1	.4	.4	43.3
7002	1	.4	.4	43.8
7095	1	.4	.4	44.2
7118	1	.4	.4	44.6
7235	1	.4	.4	45.1
7408	1	.4	.4	45.5
7476	1	.4	.4	46.0
7497	1	.4	.4	46.4
7537	1	.4	.4	46.9
7547	1	.4	.4	47.3
7550	1	.4	.4	47.8
7623	1	.4	.4	48.2
7655	1	.4	.4	48.7
7717	1	.4	.4	49.1
7744	1	.4	.4	49.6
7786	1	.4	.4	50.0
7792	1	.4	.4	50.4
7846	1	.4	.4	50.9
7883	1	.4	.4	51.3
7884	1	.4	.4	51.8
7962	1	.4	.4	52.2
8015	1	.4	.4	52.7
8022	1	.4	.4	53.1
8127	1	.4	.4	53.6
8164	1	.4	.4	54.0
8225	1	.4	.4	54.5
8228	1	.4	.4	54.9
8276	1	.4	.4	55.4
8346	1	.4	.4	55.8
8381	1	.4	.4	56.3
8395	1	.4	.4	56.7
8464	1	.4	.4	57.1

Tab 1 - Single Family Permanent Resident Survey Data

8584	1	.4	.4	57.6
8711	1	.4	.4	58.0
8717	1	.4	.4	58.5
8728	1	.4	.4	58.9
8736	1	.4	.4	59.4
8846	1	.4	.4	59.8
8872	1	.4	.4	60.3
8910	1	.4	.4	60.7
8920	1	.4	.4	61.2
8971	1	.4	.4	61.6
9259	1	.4	.4	62.1
9295	1	.4	.4	62.5
9313	1	.4	.4	62.9
9384	1	.4	.4	63.4
9393	1	.4	.4	63.8
9483	1	.4	.4	64.3
9548	1	.4	.4	64.7
9590	1	.4	.4	65.2
9702	1	.4	.4	65.6
9779	1	.4	.4	66.1
9979	1	.4	.4	66.5
10058	1	.4	.4	67.0
10075	1	.4	.4	67.4
10245	1	.4	.4	67.9
10320	1	.4	.4	68.3
10323	1	.4	.4	68.8
10372	1	.4	.4	69.2
10375	1	.4	.4	69.6
10458	1	.4	.4	70.1
10499	1	.4	.4	70.5
10591	1	.4	.4	71.0
10663	1	.4	.4	71.4
10685	1	.4	.4	71.9
10726	1	.4	.4	72.3
10760	1	.4	.4	72.8
10873	1	.4	.4	73.2
10874	1	.4	.4	73.7
10974	1	.4	.4	74.1
10983	1	.4	.4	74.6
11034	1	.4	.4	75.0
11058	1	.4	.4	75.4
11064	1	.4	.4	75.9
11394	1	.4	.4	76.3
11448	1	.4	.4	76.8
11455	1	.4	.4	77.2
11662	1	.4	.4	77.7
11753	1	.4	.4	78.1
11763	1	.4	.4	78.6
11908	1	.4	.4	79.0
11918	1	.4	.4	79.5
12140	1	.4	.4	79.9
12179	1	.4	.4	80.4
12279	1	.4	.4	80.8
12311	1	.4	.4	81.3
12428	1	.4	.4	81.7
12570	1	.4	.4	82.1
12654	1	.4	.4	82.6
12821	1	.4	.4	83.0
12875	1	.4	.4	83.5
13063	1	.4	.4	83.9
13519	1	.4	.4	84.4
14190	1	.4	.4	84.8
14278	1	.4	.4	85.3
14409	1	.4	.4	85.7
14421	1	.4	.4	86.2
14442	1	.4	.4	86.6
14495	1	.4	.4	87.1
14584	1	.4	.4	87.5
14667	1	.4	.4	87.9
14730	1	.4	.4	88.4
14798	1	.4	.4	88.8
14891	1	.4	.4	89.3
14896	1	.4	.4	89.7
14902	1	.4	.4	90.2
14937	1	.4	.4	90.6
14975	1	.4	.4	91.1
15071	1	.4	.4	91.5
15091	1	.4	.4	92.0
15170	1	.4	.4	92.4
15229	1	.4	.4	92.9
16222	1	.4	.4	93.3

Tab 1 - Single Family Permanent Resident Survey Data

	16224	1	.4	.4	93.8
	16352	1	.4	.4	94.2
	16614	1	.4	.4	94.6
	16705	1	.4	.4	95.1
	16890	1	.4	.4	95.5
	16924	1	.4	.4	96.0
	17175	1	.4	.4	96.4
	18182	1	.4	.4	96.9
	18244	1	.4	.4	97.3
	18874	1	.4	.4	97.8
	21130	1	.4	.4	98.2
	21211	1	.4	.4	98.7
	21235	1	.4	.4	99.1
	23702	1	.4	.4	99.6
	38250	1	.4	.4	100.0
	Total	224	88.5	100.0	
Missing	System	29	11.5		
Total		253	100.0		

Tab 1A - Multi Family Permanent Resident Survey Data

\*\*\*\*\*READ ME\*\*\*\*\*

\* cases selected if permanent resident (HC1=1)

AND

\* cases selected if multifamily home (HC2\_2=2).

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
HC2: What type of home is this residence? Is it: * Home type	380	100.0%	0	.0%	380	100.0%

HC2: What type of home is this residence? Is it: \* Home type Crosstabulation

		Home type			
		Single family home	Multifamily home	Total	
HC2: What type of home is this residence? Is it:	Single family detached house	Count	253	0	253
		% within Home type	100.0%	.0%	66.6%
	Townhouse, duplex, or row house	Count	0	43	43
		% within Home type	.0%	33.9%	11.3%
	an apartment or condo with 3-4 units	Count	0	29	29
		% within Home type	.0%	22.8%	7.6%
	an apartment or condo with 5 or more units	Count	0	35	35
		% within Home type	.0%	27.6%	9.2%
Mobile home	Count	0	20	20	
	% within Home type	.0%	15.7%	5.3%	
Total	Count	253	127	380	
	% within Home type	100.0%	100.0%	100.0%	

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
permanent or seasonal? * UTILITY	127	100.0%	0	.0%	127	100.0%
HC2: What type of home is this residence? Is it: * UTILITY	127	100.0%	0	.0%	127	100.0%
HC3: Do you own this home? * UTILITY	127	100.0%	0	.0%	127	100.0%
HC4: About when did you move in to this home? * UTILITY	127	100.0%	0	.0%	127	100.0%
HC5: About when was this residence built? * UTILITY	127	100.0%	0	.0%	127	100.0%

permanent or seasonal? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
permanent or seasonal?	Permanent	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

HC2: What type of home is this residence? Is it: \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
HC2: What type of home is this residence? Is it:	Townhouse, duplex, or row house	Count	17	2	14	10	43
		% within UTILITY	39.5%	16.7%	29.8%	40.0%	33.9%
	an apartment or condo with 3-4 units	Count	12	3	11	3	29
		% within UTILITY	27.9%	25.0%	23.4%	12.0%	22.8%
	an apartment or condo with 5 or more units	Count	13	1	17	4	35
		% within UTILITY	30.2%	8.3%	36.2%	16.0%	27.6%
	Mobile home	Count	1	6	5	8	20
		% within UTILITY	2.3%	50.0%	10.6%	32.0%	15.7%
Total	Count	43	12	47	25	127	

Tab 1A - Multi Family Permanent Resident Survey Data

	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%
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HC3: Do you own this home? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
HC3: Do you own this home?	Yes	Count	13	7	20	17	57
		% within UTILITY	30.2%	58.3%	42.6%	68.0%	44.9%
	No	Count	30	5	27	8	70
		% within UTILITY	69.8%	41.7%	57.4%	32.0%	55.1%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

HC4: About when did you move in to this home? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
HC4: About when did you move in to this home?	Before 1950	Count	1	0	0	0	1
		% within UTILITY	2.3%	.0%	.0%	.0%	.8%
	1950 to 1979	Count	1	0	3	0	4
		% within UTILITY	2.3%	.0%	6.4%	.0%	3.1%
	1980 to 1989	Count	2	1	5	1	9
		% within UTILITY	4.7%	8.3%	10.6%	4.0%	7.1%
	1990 to 1999	Count	3	3	5	11	22
		% within UTILITY	7.0%	25.0%	10.6%	44.0%	17.3%
	2000 to 2004	Count	8	1	8	7	24
		% within UTILITY	18.6%	8.3%	17.0%	28.0%	18.9%
	2005 to 2006	Count	28	7	26	6	67
		% within UTILITY	65.1%	58.3%	55.3%	24.0%	52.8%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

HC5: About when was this residence built? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
HC5: About when was this residence built?	Before 1950	Count	5	1	15	0	21
		% within UTILITY	11.6%	8.3%	31.9%	.0%	16.5%
	1950 to 1979	Count	4	1	5	3	13
		% within UTILITY	9.3%	8.3%	10.6%	12.0%	10.2%
	1980 to 1989	Count	9	4	8	11	32
		% within UTILITY	20.9%	33.3%	17.0%	44.0%	25.2%
	1990 to 1999	Count	3	0	0	4	7
		% within UTILITY	7.0%	.0%	.0%	16.0%	5.5%
	2000 to 2004	Count	0	0	3	2	5
		% within UTILITY	.0%	.0%	6.4%	8.0%	3.9%
	2005 to 2008	Count	3	2	1	0	6
		% within UTILITY	7.0%	16.7%	2.1%	.0%	4.7%
	DON'T KNOW	Count	19	4	15	5	43
		% within UTILITY	44.2%	33.3%	31.9%	20.0%	33.9%
Total	Count	43	12	47	25	127	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

Frequencies

Frequency Table

HC6: How many rooms are there in this residence?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	6	4.7	4.7	4.7
	3	7	5.5	5.5	10.2
	4	49	38.6	38.6	48.8
	5	33	26.0	26.0	74.8
	6	19	15.0	15.0	89.8
	7	8	6.3	6.3	96.1
	8	3	2.4	2.4	98.4
	10	1	.8	.8	99.2
	12	1	.8	.8	100.0
	Total		127	100.0	100.0

Tab 1A - Multi Family Permanent Resident Survey Data

HC7: Approximately how many square feet of living space are there in this residence?

		Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	DON'T KNOW	63	49.6	49.6	49.6	
	9	21	16.5	16.5	66.1	
	65	1	.8	.8	66.9	
	200	1	.8	.8	67.7	
	250	1	.8	.8	68.5	
	300	1	.8	.8	69.3	
	700	3	2.4	2.4	71.7	
	780	1	.8	.8	72.4	
	800	3	2.4	2.4	74.8	
	900	3	2.4	2.4	77.2	
	984	1	.8	.8	78.0	
	1000	4	3.1	3.1	81.1	
	1050	2	1.6	1.6	82.7	
	1100	2	1.6	1.6	84.3	
	1200	4	3.1	3.1	87.4	
	1350	1	.8	.8	88.2	
	1390	1	.8	.8	89.0	
	1400	3	2.4	2.4	91.3	
	1500	2	1.6	1.6	92.9	
	1600	1	.8	.8	93.7	
	1700	1	.8	.8	94.5	
	1800	2	1.6	1.6	96.1	
	2000	3	2.4	2.4	98.4	
	2800	1	.8	.8	99.2	
	3200	1	.8	.8	100.0	
	Total		127	100.0	100.0	

Crosstabs

Warnings

The crosstabulation of BE1_3: Which of the following types of windows does this home have? 3 * UTILITY
The crosstabulation of BE1_4: Which of the following types of windows does this home have? 4 * UTILITY
The crosstabulation of SH5: Do you use cord wood

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
BE1_1: Which of the following types of windows does this home have? 1 * UTILITY	127	100.0%	0	.0%	127	100.0%
BE1_2: Which of the following types of windows does this home have? 2 * UTILITY	3	2.4%	124	97.6%	127	100.0%
BE2: How drafty would you say this house is? Would you say it is: * UTILITY	127	100.0%	0	.0%	127	100.0%
BE3: Have you ever added insulation to this home? * UTILITY	127	100.0%	0	.0%	127	100.0%
SH1: Do you pay for the fuel used to heat this home? * UTILITY	70	55.1%	57	44.9%	127	100.0%
SH2: What is the main fuel you use to heat this home? * UTILITY	127	100.0%	0	.0%	127	100.0%
SH3: What type of heating system is your main source of heat? * UTILITY	114	89.8%	13	10.2%	127	100.0%
SH4: What type of heating system is your main source of heat? * UTILITY	12	9.4%	115	90.6%	127	100.0%
SH6: When was the last time you had a tune-up or maintenance done on your main heating system? * UTILITY	127	100.0%	0	.0%	127	100.0%
SH7: About how old is your main heating system? * UTILITY	127	100.0%	0	.0%	127	100.0%

Tab 1A - Multi Family Permanent Resident Survey Data

SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient? * UTILITY	46	36.2%	81	63.8%	127	100.0%
SH9: Is this system we've been talking about the only way you heat this home? * UTILITY	127	100.0%	0	.0%	127	100.0%
SH10: What type of fuel does the secondary heating system use? * UTILITY	18	14.2%	109	85.8%	127	100.0%
SH11: What type of heating system is your secondary source of heat? * UTILITY	3	2.4%	124	97.6%	127	100.0%
SH12: What type of heating system is your secondary source of heat? * UTILITY	9	7.1%	118	92.9%	127	100.0%
SH13: Do you use cord wood or pellets? * UTILITY	6	4.7%	121	95.3%	127	100.0%
SH14: Do you have a programmable thermostat? * UTILITY	127	100.0%	0	.0%	127	100.0%

BE1\_1: Which of the following types of windows does this home have?1 \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
BE1_1: Which of the following types of windows does this home have?1	Single pane glass windows without storm windows	Count	6	2	7	4	19
		% within UTILITY	14.0%	16.7%	14.9%	16.0%	15.0%
	Single pane glass windows with storm windows	Count	7	2	8	2	19
		% within UTILITY	16.3%	16.7%	17.0%	8.0%	15.0%
	Double-pane glass windows without storm windows	Count	21	6	20	13	60
		% within UTILITY	48.8%	50.0%	42.6%	52.0%	47.2%
	Double-pane glass windows with storm windows	Count	7	2	7	3	19
		% within UTILITY	16.3%	16.7%	14.9%	12.0%	15.0%
	DON'T KNOW	Count	2	0	5	3	10
		% within UTILITY	4.7%	.0%	10.6%	12.0%	7.9%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

BE1\_2: Which of the following types of windows does this home have?2 \* UTILITY Crosstabulation

			UTILITY	
			PSNH	Total
BE1_2: Which of the following types of windows does this home have?2	Single pane glass windows without storm windows	Count	1	1
		% within UTILITY	33.3%	33.3%
	Double-pane glass windows without storm windows	Count	2	2
		% within UTILITY	66.7%	66.7%
	Total	Count	3	3
		% within UTILITY	100.0%	100.0%

BE2: How drafty would you say this house is? Would you say it is: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
BE2: How drafty would you say this house is? Would you say it is:	Very drafty	Count	5	0	3	3	11
		% within UTILITY	11.6%	.0%	6.4%	12.0%	8.7%
	Somewhat drafty	Count	13	2	15	6	36
		% within UTILITY	30.2%	16.7%	31.9%	24.0%	28.3%
	Not too drafty	Count	11	3	12	8	34
		% within UTILITY	25.6%	25.0%	25.5%	32.0%	26.8%
	Not drafty at all	Count	14	7	16	8	45
		% within UTILITY	32.6%	58.3%	34.0%	32.0%	35.4%
	DON'T KNOW	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	2.1%	.0%	.8%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

BE3: Have you ever added insulation to this home? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total



Tab 1A - Multi Family Permanent Resident Survey Data

BE3: Have you ever added insulation to this home?	Yes	Count	9	2	10	2	23
		% within UTILITY	20.9%	16.7%	21.3%	8.0%	18.1%
	No	Count	30	9	35	23	97
		% within UTILITY	69.8%	75.0%	74.5%	92.0%	76.4%
	DON'T KNOW	Count	4	1	2	0	7
		% within UTILITY	9.3%	8.3%	4.3%	.0%	5.5%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH1: Do you pay for the fuel used to heat this home? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SH1: Do you pay for the fuel used to heat this home?	Yes	Count	30	3	19	4	56
		% within UTILITY	100.0%	60.0%	70.4%	50.0%	80.0%
	No	Count	0	2	8	4	14
		% within UTILITY	.0%	40.0%	29.6%	50.0%	20.0%
	Total	Count	30	5	27	8	70
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH2: What is the main fuel you use to heat this home? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SH2: What is the main fuel you use to heat this home?	Natural gas purchased from	Count	36	0	17	9	62
		% within UTILITY	83.7%	.0%	36.2%	36.0%	48.8%
	Electricity	Count	2	2	6	2	12
		% within UTILITY	4.7%	16.7%	12.8%	8.0%	9.4%
	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Count	3	3	6	3	15
		% within UTILITY	7.0%	25.0%	12.8%	12.0%	11.8%
	Oil	Count	2	5	14	8	29
		% within UTILITY	4.7%	41.7%	29.8%	32.0%	22.8%
	Kerosene	Count	0	2	3	3	8
		% within UTILITY	.0%	16.7%	6.4%	12.0%	6.3%
	DON'T KNOW	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	2.1%	.0%	.8%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH3: What type of heating system is your main source of heat? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	19	9	20	15	63
		% within UTILITY	46.3%	90.0%	50.0%	65.2%	55.3%
	Boiler + Radiator + Hot Water (aka forced hot water)	Count	7	0	5	3	15
		% within UTILITY	17.1%	.0%	12.5%	13.0%	13.2%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	5	0	8	3	16
		% within UTILITY	12.2%	.0%	20.0%	13.0%	14.0%
	Boiler + Radiator + Steam	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	2.5%	.0%	.9%
	Radiator + DK (i.e., other components unknown)	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	2.5%	.0%	.9%
	Could Identify Fuel, But Not Equipment	Count	2	1	1	1	5
		% within UTILITY	4.9%	10.0%	2.5%	4.3%	4.4%
	Other (please specify)	Count	1	0	0	0	1
		% within UTILITY	2.4%	.0%	.0%	.0%	.9%
	DON'T KNOW	Count	5	0	2	1	8
		% within UTILITY	12.2%	.0%	5.0%	4.3%	7.0%
	REFUSAL	Count	2	0	2	0	4
		% within UTILITY	4.9%	.0%	5.0%	.0%	3.5%
Total	Count	41	10	40	23	114	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

SH4: What type of heating system is your main source of heat? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SH4: What type of heating system is your main source of heat?	Resistance (baseboard/ceiling/floor/wall)	Count	0	1	3	2	6
		% within UTILITY	.0%	50.0%	50.0%	100.0%	50.0%
	Furnace: central forced air	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	5.0%	.0%	4.4%

Tab 1A - Multi Family Permanent Resident Survey Data

turnace (ran circulates air through ducts)	% within UTILITY	.0%	.0%	16.7%	.0%	8.3%
Heat Pump + Wall (through-the-wall-looks like AC, but provides heat)	Count	1	1	0	0	2
	% within UTILITY	50.0%	50.0%	.0%	.0%	16.7%
Portable heaters	Count	1	0	0	0	1
	% within UTILITY	50.0%	.0%	.0%	.0%	8.3%
Other system type (please specify)	Count	0	0	1	0	1
	% within UTILITY	.0%	.0%	16.7%	.0%	8.3%
DON'T KNOW	Count	0	0	1	0	1
	% within UTILITY	.0%	.0%	16.7%	.0%	8.3%
Total	Count	2	2	6	2	12
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH6: When was the last time you had a tune-up or maintenance done on your main heating system? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SH6: When was the last time you had a tune-up or maintenance done on your main heating system?	Within this past year	Count	13	7	25	13	58
		% within UTILITY	30.2%	58.3%	53.2%	52.0%	45.7%
	About 1 to 2 years ago	Count	8	1	3	1	13
		% within UTILITY	18.6%	8.3%	6.4%	4.0%	10.2%
	2 to 3 years ago	Count	3	0	1	0	4
		% within UTILITY	7.0%	.0%	2.1%	.0%	3.1%
	More than 3 years ago	Count	1	0	1	4	6
		% within UTILITY	2.3%	.0%	2.1%	16.0%	4.7%
	DON'T KNOW	Count	18	4	17	7	46
		% within UTILITY	41.9%	33.3%	36.2%	28.0%	36.2%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH7: About how old is your main heating system? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SH7: About how old is your main heating system?	Under 5 years old	Count	13	4	5	4	26
		% within UTILITY	30.2%	33.3%	10.6%	16.0%	20.5%
	5 to 10 years old (installed in the late 1990s to early 2000s)	Count	5	0	11	4	20
		% within UTILITY	11.6%	.0%	23.4%	16.0%	15.7%
	10 to 25 years old (say about 1980 to the late 1990s)	Count	14	1	9	9	33
		% within UTILITY	32.6%	8.3%	19.1%	36.0%	26.0%
	25 to 40 years old (say about 1965 through 1980)	Count	0	2	2	2	6
		% within UTILITY	.0%	16.7%	4.3%	8.0%	4.7%
	DON'T KNOW	Count	11	5	20	6	42
		% within UTILITY	25.6%	41.7%	42.6%	24.0%	33.1%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	Yes	Count	7	4	5	2	18
		% within UTILITY	38.9%	100.0%	31.3%	25.0%	39.1%
	No	Count	3	0	2	2	7
		% within UTILITY	16.7%	.0%	12.5%	25.0%	15.2%
	Not applicable-someone else installed the equipment	Count	5	0	8	3	16
		% within UTILITY	27.8%	.0%	50.0%	37.5%	34.8%
	DON'T KNOW	Count	3	0	1	1	5
		% within UTILITY	16.7%	.0%	6.3%	12.5%	10.9%
	Total	Count	18	4	16	8	46
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH9: Is this system we've been talking about the only way you heat this home? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SH9: Is this system we've been talking about the only way you heat this home?	Yes	Count	38	8	40	23	109
		% within UTILITY	88.4%	66.7%	85.1%	92.0%	85.8%
	No	Count	5	4	7	2	18
		% within UTILITY	11.6%	33.3%	14.9%	8.0%	14.2%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Tab 1A - Multi Family Permanent Resident Survey Data

SH10: What type of fuel does the secondary heating system use? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SH10: What type of fuel does the secondary heating system use?	Natural gas purchased from	Count	1	0	1	0	2
		% within UTILITY	20.0%	.0%	14.3%	.0%	11.1%
	Electric	Count	3	1	4	1	9
		% within UTILITY	60.0%	25.0%	57.1%	50.0%	50.0%
	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Count	0	1	0	0	1
		% within UTILITY	.0%	25.0%	.0%	.0%	5.6%
	Wood	Count	1	2	2	1	6
		% within UTILITY	20.0%	50.0%	28.6%	50.0%	33.3%
	Total	Count	5	4	7	2	18
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH11: What type of heating system is your secondary source of heat? \* UTILITY Crosstabulation

			UTILITY			
			Granite State Electric	NH Elec CoOp	PSNH	Total
SH11: What type of heating system is your secondary source of heat?	Radiator + DK (i.e., other components unknown)	Count	1	0	0	1
		% within UTILITY	100.0%	.0%	.0%	33.3%
	Fireplace / Woodstove	Count	0	1	0	1
		% within UTILITY	.0%	100.0%	.0%	33.3%
	REFUSAL	Count	0	0	1	1
		% within UTILITY	.0%	.0%	100.0%	33.3%
	Total	Count	1	1	1	3
		% within UTILITY	100.0%	100.0%	100.0%	100.0%

SH12: What type of heating system is your secondary source of heat? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SH12: What type of heating system is your secondary source of heat?	Resistance (baseboard/ceiling/floor/wall)	Count	2	1	0	0	3
		% within UTILITY	66.7%	100.0%	.0%	.0%	33.3%
	Portable heaters	Count	0	0	2	0	2
		% within UTILITY	.0%	.0%	50.0%	.0%	22.2%
	Could Identify Fuel, But Not Equipment	Count	0	0	0	1	1
		% within UTILITY	.0%	.0%	.0%	100.0%	11.1%
	REF	Count	1	0	2	0	3
		% within UTILITY	33.3%	.0%	50.0%	.0%	33.3%
	Total	Count	3	1	4	1	9
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH13: Do you use cord wood or pellets? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SH13: Do you use cord wood or pellets?	Cord wood	Count	1	1	1	1	4
		% within UTILITY	100.0%	50.0%	50.0%	100.0%	66.7%
	Pellets	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	50.0%	.0%	16.7%
	REF	Count	0	1	0	0	1
		% within UTILITY	.0%	50.0%	.0%	.0%	16.7%
	Total	Count	1	2	2	1	6
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SH14: Do you have a programmable thermostat? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SH14: Do you have a programmable thermostat?	Yes	Count	20	3	21	9	53
		% within UTILITY	46.5%	25.0%	44.7%	36.0%	41.7%
	No	Count	23	8	26	16	73
		% within UTILITY	53.5%	66.7%	55.3%	64.0%	57.5%
	DON'T KNOW	Count	0	1	0	0	1
		% within UTILITY	.0%	8.3%	.0%	.0%	.8%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

Tab 1A - Multi Family Permanent Resident Survey Data

SH15: In the winter, what temperature do you typically set your thermostat to when you are at home?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	8	6.3	6.3	6.3
	55	1	.8	.8	7.1
	58	4	3.1	3.1	10.2
	60	5	3.9	3.9	14.2
	62	4	3.1	3.1	17.3
	63	1	.8	.8	18.1
	64	3	2.4	2.4	20.5
	65	7	5.5	5.5	26.0
	66	6	4.7	4.7	30.7
	67	4	3.1	3.1	33.9
	68	27	21.3	21.3	55.1
	69	4	3.1	3.1	58.3
	70	33	26.0	26.0	84.3
	71	4	3.1	3.1	87.4
	72	8	6.3	6.3	93.7
	73	3	2.4	2.4	96.1
	74	1	.8	.8	96.9
75	2	1.6	1.6	98.4	
80	2	1.6	1.6	100.0	
Total		127	100.0	100.0	

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH16: Do you turn down the temperature at times such as at night or when you are not at home? * UTILITY	127	100.0%	0	.0%	127	100.0%
SC1: Do you have central air conditioning? * UTILITY	127	100.0%	0	.0%	127	100.0%
SC2: About how many of the days during the summer are you running your central air conditioner? * UTILITY	27	21.3%	100	78.7%	127	100.0%

SH16: Do you turn down the temperature at times such as at night or when you are not at home? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SH16: Do you turn down the temperature at times such as at night or when you are not at home?	Yes	Count	33	8	30	17	88
		% within UTILITY	76.7%	66.7%	63.8%	68.0%	69.3%
	No	Count	10	4	16	8	38
		% within UTILITY	23.3%	33.3%	34.0%	32.0%	29.9%
	DON'T KNOW	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	2.1%	.0%	.8%
Total	Count	43	12	47	25	127	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

SC1: Do you have central air conditioning? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SC1: Do you have central air conditioning?	Yes	Count	10	2	5	10	27
		% within UTILITY	23.3%	16.7%	10.6%	40.0%	21.3%
	No	Count	33	10	42	15	100
		% within UTILITY	76.7%	83.3%	89.4%	60.0%	78.7%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SC2: About how many of the days during the summer are you running your central air conditioner? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SC2: About how many of the days during the	Every day or most days	Count	2	1	0	1	4

Tab 1A - Multi Family Permanent Resident Survey Data

summer are you running your central air conditioner?		% within UTILITY	20.0%	50.0%	.0%	10.0%	14.8%
	Several days a week most weeks	Count	1	0	0	0	1
		% within UTILITY	10.0%	.0%	.0%	.0%	3.7%
	Just the hottest days of the summer	Count	7	1	4	9	21
		% within UTILITY	70.0%	50.0%	80.0%	90.0%	77.8%
	DON'T KNOW	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	20.0%	.0%	3.7%
	Total	Count	10	2	5	10	27
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

SC3: In the summer, what temperature do you typically set your cooling thermostat to when you are at home?

		Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	DON'T KNOW	3	2.4	11.1	11.1	
	55	1	.8	3.7	14.8	
	69	1	.8	3.7	18.5	
	70	7	5.5	25.9	44.4	
	71	1	.8	3.7	48.1	
	72	3	2.4	11.1	59.3	
	73	3	2.4	11.1	70.4	
	74	2	1.6	7.4	77.8	
	75	3	2.4	11.1	88.9	
	78	2	1.6	7.4	96.3	
	80	1	.8	3.7	100.0	
	Total		27	21.3	100.0	
	Missing	System	100	78.7		
Total		127	100.0			

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SC4: Do you turn up the temperature at times such as at night or when you are not at home? * UTILITY	27	21.3%	100	78.7%	127	100.0%
SC5: Have you ever had a tune-up or maintenance done on your central air conditioning system? * UTILITY	27	21.3%	100	78.7%	127	100.0%
SC6: When was the last time you had a tune-up or maintenance done? * UTILITY	11	8.7%	116	91.3%	127	100.0%

SC4: Do you turn up the temperature at times such as at night or when you are not at home? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SC4: Do you turn up the temperature at times such as at night or when you are not at home?	Yes	Count	5	0	3	6	14
		% within UTILITY	50.0%	.0%	60.0%	60.0%	51.9%
	No	Count	5	2	2	4	13
		% within UTILITY	50.0%	100.0%	40.0%	40.0%	48.1%
	Total	Count	10	2	5	10	27
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

SC5: Have you ever had a tune-up or maintenance done on your central air conditioning system? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SC5: Have you ever had a tune-up or maintenance done on your central air conditioning system?	Yes	Count	2	0	3	6	11
		% within UTILITY	20.0%	.0%	60.0%	60.0%	40.7%
	No	Count	7	2	2	4	15
		% within UTILITY	70.0%	100.0%	40.0%	40.0%	55.6%
	DON'T KNOW	Count	1	0	0	0	1
		% within UTILITY	10.0%	.0%	.0%	.0%	3.7%
Total	Count	10	2	5	10	27	

Tab 1A - Multi Family Permanent Resident Survey Data

	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%
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SC6: When was the last time you had a tune-up or maintenance done? \* UTILITY Crosstabulation

		UTILITY				
		Granite State Electric	PSNH	Unitil	Total	
SC6: When was the last time you had a tune-up or maintenance done?	Within this past year	Count	1	1	5	7
		% within UTILITY	50.0%	33.3%	83.3%	63.6%
	The year before that	Count	0	1	0	1
		% within UTILITY	.0%	33.3%	.0%	9.1%
	2 to 3 years ago	Count	1	0	0	1
		% within UTILITY	50.0%	.0%	.0%	9.1%
	More than 3 years ago	Count	0	0	1	1
		% within UTILITY	.0%	.0%	16.7%	9.1%
	DON'T KNOW	Count	0	1	0	1
		% within UTILITY	.0%	33.3%	.0%	9.1%
	Total	Count	2	3	6	11
		% within UTILITY	100.0%	100.0%	100.0%	100.0%

Frequencies

Frequency Table

SC7: How many room air conditioners do you typically have plugged in, if any?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	52	40.9	40.9	40.9
	1	42	33.1	33.1	74.0
	2	22	17.3	17.3	91.3
	3	11	8.7	8.7	100.0
	Total	127	100.0	100.0	

42  
44  
33  
119 1.586667

SC8: What is the typical temperature setting for you room air conditioner(s)when you are at home?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	7	5.5	9.3	9.3
	NOT APPLICABLE - CANNOT SET TEMPERATURE	16	12.6	21.3	30.7
	0	1	.8	1.3	32.0
	54	1	.8	1.3	33.3
	58	1	.8	1.3	34.7
	60	2	1.6	2.7	37.3
	63	1	.8	1.3	38.7
	65	4	3.1	5.3	44.0
	66	1	.8	1.3	45.3
	68	11	8.7	14.7	60.0
	69	3	2.4	4.0	64.0
	70	15	11.8	20.0	84.0
	71	2	1.6	2.7	86.7
	72	4	3.1	5.3	92.0
	74	2	1.6	2.7	94.7
	75	3	2.4	4.0	98.7
	78	1	.8	1.3	100.0
	Total	75	59.1	100.0	
Missing	System	52	40.9		
Total		127	100.0		

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SC9: About how many of the days during the summer are you running your room air conditioners? * UTILITY	75	59.1%	52	40.9%	127	100.0%

Tab 1A - Multi Family Permanent Resident Survey Data

WH1: What is the main fuel you use to heat water? * UTILITY	127	100.0%	0	.0%	127	100.0%
WH2: What type of system is your main water heater? * UTILITY	127	100.0%	0	.0%	127	100.0%
WH3: When running hot water only, can you hold your hand under the hot water for more than a moment without being scalded? * UTILITY	127	100.0%	0	.0%	127	100.0%
WH4: Are you using water-saving devices such as faucet aerators in this home? * UTILITY	127	100.0%	0	.0%	127	100.0%
WH5: Does this home have an indoor Jacuzzi or spa-type tub? * UTILITY	127	100.0%	0	.0%	127	100.0%

SC9: About how many of the days during the summer are you running your room air conditioners? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
SC9: About how many of the days during the summer are you running your room air conditioners?	Every day or most days	Count	3	0	3	1	7
		% within UTILITY	12.5%	.0%	9.4%	7.7%	9.3%
	Several days a week or most weeks	Count	2	2	3	0	7
		% within UTILITY	8.3%	33.3%	9.4%	.0%	9.3%
	Just the hottest days of the summer	Count	19	4	25	12	60
		% within UTILITY	79.2%	66.7%	78.1%	92.3%	80.0%
	DON'T KNOW	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	3.1%	.0%	1.3%
	Total	Count	24	6	32	13	75
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

WH1: What is the main fuel you use to heat water? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
WH1: What is the main fuel you use to heat water?	Natural gas [CONFIRM: IS IT PIPED AND METERED?]	Count	27	0	16	7	50
		% within UTILITY	62.8%	.0%	34.0%	28.0%	39.4%
	Electric	Count	8	8	16	10	42
		% within UTILITY	18.6%	66.7%	34.0%	40.0%	33.1%
	Oil	Count	0	1	6	2	9
		% within UTILITY	.0%	8.3%	12.8%	8.0%	7.1%
	Kerosene	Count	0	0	0	1	1
		% within UTILITY	.0%	.0%	.0%	4.0%	.8%
	Propane or bottled gas [CONFIRM: DELIVERED BY TRUCK?]	Count	3	2	4	2	11
		% within UTILITY	7.0%	16.7%	8.5%	8.0%	8.7%
	DON'T KNOW	Count	5	1	5	3	14
		% within UTILITY	11.6%	8.3%	10.6%	12.0%	11.0%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

WH2: What type of system is your main water heater? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
WH2: What type of system is your main water heater?	Traditional water heater tank	Count	25	8	29	15	77
		% within UTILITY	58.1%	66.7%	61.7%	60.0%	60.6%
	Whole house tankless system running off boiler	Count	3	1	4	1	9
		% within UTILITY	7.0%	8.3%	8.5%	4.0%	7.1%
	Whole house on-demand system-water is heated centrally as you use it	Count	1	0	2	1	4
		% within UTILITY	2.3%	.0%	4.3%	4.0%	3.1%
	Point-of-use, where the water is heated at the tap as you use it	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	2.1%	.0%	.8%
	or something else? (specify)	Count	0	0	0	1	1
		% within UTILITY	.0%	.0%	.0%	4.0%	.8%
	DON'T KNOW	Count	14	3	11	6	34
		% within UTILITY	32.6%	25.0%	23.4%	24.0%	26.8%
	REFUSED	Count	0	0	0	1	1
		% within UTILITY	.0%	.0%	.0%	4.0%	.8%
Total	Count	43	12	47	25	127	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

WH3: When running hot water only, can you hold your hand under the hot water for more than a moment without being scalded? \* UTILITY Crosstabulation

Tab 1A - Multi Family Permanent Resident Survey Data

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
WH3: When running hot water only, can you hold your hand under the hot water for more than a moment without being scalded?	Yes	Count	25	10	28	21	84
		% within UTILITY	58.1%	83.3%	59.6%	84.0%	66.1%
	No	Count	18	2	18	4	42
		% within UTILITY	41.9%	16.7%	38.3%	16.0%	33.1%
	DON'T KNOW	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	2.1%	.0%	.8%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

WH4: Are you using water-saving devices such as faucet aerators in this home? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
WH4: Are you using water-saving devices such as faucet aerators in this home?	Yes	Count	12	3	22	11	48
		% within UTILITY	27.9%	25.0%	46.8%	44.0%	37.8%
	No	Count	25	8	23	11	67
		% within UTILITY	58.1%	66.7%	48.9%	44.0%	52.8%
	DON'T KNOW	Count	6	1	2	3	12
		% within UTILITY	14.0%	8.3%	4.3%	12.0%	9.4%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

WH5: Does this home have an indoor Jacuzzi or spa-type tub? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
WH5: Does this home have an indoor Jacuzzi or spa-type tub?	Yes	Count	1	1	1	1	4
		% within UTILITY	2.3%	8.3%	2.1%	4.0%	3.1%
	No	Count	42	11	46	24	123
		% within UTILITY	97.7%	91.7%	97.9%	96.0%	96.9%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

WH6: Approximately how many times a month do you use the Jacuzzi or spa tub?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	3	2.4	75.0	75.0
	1	1	.8	25.0	100.0
	Total	4	3.1	100.0	
Missing	System	123	96.9		
Total		127	100.0		

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
CW1: Do you own a clothes washer? * UTILITY	127	100.0%	0	.0%	127	100.0%
CW2: Is your clothes washer a top loading or front loading model? * UTILITY	97	76.4%	30	23.6%	127	100.0%
CW3: Do you own a clothes dryer? * UTILITY	127	100.0%	0	.0%	127	100.0%
CW4: Is that an electric dryer or a gas dryer? * UTILITY	93	73.2%	34	26.8%	127	100.0%

CW1: Do you own a clothes washer? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
CW1: Do you own a clothes washer?	Yes	Count	32	10	34	21	97
		% within UTILITY	74.4%	83.3%	72.3%	84.0%	76.4%
	No	Count	11	2	13	4	30



Tab 1A - Multi Family Permanent Resident Survey Data

	% within UTILITY	25.6%	16.7%	27.7%	16.0%	23.6%
Total	Count	43	12	47	25	127
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

CW2: Is your clothes washer a top loading or front loading model? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
CW2: Is your clothes washer a top loading or front loading model?	Top loading	Count	29	8	29	19	85
		% within UTILITY	90.6%	80.0%	85.3%	90.5%	87.6%
	Front loading	Count	3	2	5	2	12
		% within UTILITY	9.4%	20.0%	14.7%	9.5%	12.4%
	Total	Count	32	10	34	21	97
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

CW3: Do you own a clothes dryer? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
CW3: Do you own a clothes dryer?	Yes	Count	29	10	33	21	93
		% within UTILITY	67.4%	83.3%	70.2%	84.0%	73.2%
	No	Count	14	2	14	4	34
		% within UTILITY	32.6%	16.7%	29.8%	16.0%	26.8%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

CW4: Is that an electric dryer or a gas dryer? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
CW4: Is that an electric dryer or a gas dryer?	Electric	Count	27	9	33	18	87
		% within UTILITY	93.1%	90.0%	100.0%	85.7%	93.5%
	Gas	Count	2	1	0	2	5
		% within UTILITY	6.9%	10.0%	.0%	9.5%	5.4%
	DON'T KNOW	Count	0	0	0	1	1
		% within UTILITY	.0%	.0%	.0%	4.8%	1.1%
	Total	Count	29	10	33	21	93
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

CW5: About how many loads of laundry per week do you typically do?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-9	3	2.4	3.1	3.1
	1	10	7.9	10.3	13.4
	2	17	13.4	17.5	30.9
	3	23	18.1	23.7	54.6
	4	9	7.1	9.3	63.9
	5	11	8.7	11.3	75.3
	6	9	7.1	9.3	84.5
	7	4	3.1	4.1	88.7
	8	1	.8	1.0	89.7
	9	1	.8	1.0	90.7
	10	3	2.4	3.1	93.8
	12	2	1.6	2.1	95.9
	14	1	.8	1.0	96.9
	15	1	.8	1.0	97.9
	20	2	1.6	2.1	100.0
	Total		97	76.4	100.0
Missing	System	30	23.6		
Total		127	100.0		

Crosstabs

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent	

Tab 1A - Multi Family Permanent Resident Survey Data

CW6: How often do you use line drying throughout the year? * UTILITY	97	76.4%	30	23.6%	127	100.0%
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CW6: How often do you use line drying throughout the year? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
CW6: How often do you use line drying throughout the year?	Never	Count	21	4	21	12	58
		% within UTILITY	65.6%	40.0%	61.8%	57.1%	59.8%
	Rarely	Count	3	2	4	3	12
		% within UTILITY	9.4%	20.0%	11.8%	14.3%	12.4%
	Occasionally	Count	2	2	7	2	13
		% within UTILITY	6.3%	20.0%	20.6%	9.5%	13.4%
	Most of the time	Count	4	2	2	4	12
		% within UTILITY	12.5%	20.0%	5.9%	19.0%	12.4%
	Always or almost always	Count	2	0	0	0	2
		% within UTILITY	6.3%	.0%	.0%	.0%	2.1%
	Total	Count	32	10	34	21	97
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

Frequency Table

R1: How many refrigerators do you have plugged in?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	122	96.1	96.1	96.1
	2	5	3.9	3.9	100.0
	Total	127	100.0	100.0	

R2: How many stand-alone freezers do you have plugged in?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	102	80.3	80.3	80.3
	1	24	18.9	18.9	99.2
	2	1	.8	.8	100.0
	Total	127	100.0	100.0	

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
D1: Do you have a dishwasher? * UTILITY	127	100.0%	0	.0%	127	100.0%

D1: Do you have a dishwasher? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
D1: Do you have a dishwasher?	Yes	Count	20	7	23	19	69
		% within UTILITY	46.5%	58.3%	48.9%	76.0%	54.3%
	No	Count	23	5	24	6	58
		% within UTILITY	53.5%	41.7%	51.1%	24.0%	45.7%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

Frequency Table

D2: How many loads of dishes per week do you typically do?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	4	3.1	5.8	5.8

Tab 1A - Multi Family Permanent Resident Survey Data

	0	10	7.9	14.5	20.3
	1	15	11.8	21.7	42.0
	2	11	8.7	15.9	58.0
	3	9	7.1	13.0	71.0
	4	7	5.5	10.1	81.2
	5	7	5.5	10.1	91.3
	6	1	.8	1.4	92.8
	7	5	3.9	7.2	100.0
	Total	69	54.3	100.0	
Missing	System	58	45.7		
Total		127	100.0		

DH1: How many dehumidifiers do you have plugged in, if any?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	114	89.8	89.8	89.8
	1	12	9.4	9.4	99.2
	2	1	.8	.8	100.0
	Total	127	100.0	100.0	
Missing	System				

10.2% Saturation

DH2: About what percentage of the year would you say you use your dehumidifier?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	10	1	.8	7.7	7.7
	20	1	.8	7.7	15.4
	25	2	1.6	15.4	30.8
	30	1	.8	7.7	38.5
	33	2	1.6	15.4	53.8
	40	3	2.4	23.1	76.9
	45	1	.8	7.7	84.6
	50	1	.8	7.7	92.3
	80	1	.8	7.7	100.0
	Total		13	10.2	100.0
Missing	System	114	89.8		
Total		127	100.0		

Crosstabs

Warnings

The crosstabulation of HT1: Do you have an outdoor hot tub at this home? * UTILITY is empty.
The crosstabulation of HT2: How often do you heat the hot tub water in the winter? * UTILITY is empty.
The crosstabulation of HT3: What fuel do you use to heat the hot tub? * UTILITY is empty.
The crosstabulation of HT4: Do you heat the water on a timer? * UTILITY is empty.
The crosstabulation of HT5: Do you use a hot tub cover? * UTILITY is empty.
The crosstabulation of HT6: Does this home have a heated pool? * UTILITY is empty.
The crosstabulation of HT7: What fuel do you use to heat the pool? * UTILITY is empty.

Frequencies

Frequency Table

TC1A: Please tell me how many Conventional TVs you have

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	14	11.0	11.0	11.0
	1	41	32.3	32.3	43.3
	2	42	33.1	33.1	76.4
	3	24	18.9	18.9	95.3
	4	5	3.9	3.9	99.2
	5	1	.8	.8	100.0
Total		127	100.0	100.0	
Missing	System				

41  
84  
72  
20  
5  
89.0%

TC1B: Please tell me how many plasma screens you have.

Tab 1A - Multi Family Permanent Resident Survey Data

		Frequency	Percent	Valid Percent	Cumulative Percent		
Valid	0	111	87.4	87.4	87.4		
	1	13	10.2	10.2	97.6	13	
	2	3	2.4	2.4	100.0	6	19
	Total	127	100.0	100.0		12.6%	

TC1C: Please tell me how many LCD screens you have.

		Frequency	Percent	Valid Percent	Cumulative Percent		
Valid	0	104	81.9	81.9	81.9		
	1	20	15.7	15.7	97.6	20	
	2	3	2.4	2.4	100.0	6	26
	Total	127	100.0	100.0		18.11%	2.1

TC2: How many computers do you have plugged in on a typical day?

		Frequency	Percent	Valid Percent	Cumulative Percent		
Valid	0	40	31.5	31.5	31.5		
	1	54	42.5	42.5	74.0	54	
	2	27	21.3	21.3	95.3	54	
	3	4	3.1	3.1	98.4	12	
	4	2	1.6	1.6	100.0	8	128
	Total	127	100.0	100.0		68.5% Saturation	

Crosstabs

Warnings

The crosstabulation of TC3\_5: Which of the following describe what usually happens when you are done

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
TC3_1: Which of the following describe what usually happens when you are done using a computer.[1 * UTILITY	87	68.5%	40	31.5%	127	100.0%
TC3_2: Which of the following describe what usually happens when you are done using a computer.[2 * UTILITY	15	11.8%	112	88.2%	127	100.0%
TC3_3: Which of the following describe what usually happens when you are done using a computer.[3 * UTILITY	1	.8%	126	99.2%	127	100.0%
TC3_4: Which of the following describe what usually happens when you are done using a computer.[4 * UTILITY	1	.8%	126	99.2%	127	100.0%
L1: Are you familiar with a compact fluorescent light bulb, sometimes referred to as a CFL bulb? * UTILITY	127	100.0%	0	.0%	127	100.0%
L2: CFL bulbs are small fluorescent bulbs that fit into regular light bulb sockets. Does this sound like something you've seen? * UTILITY	14	11.0%	113	89.0%	127	100.0%
L3: Do you currently have any of these bulbs installed in this home? * UTILITY	119	93.7%	8	6.3%	127	100.0%

TC3\_1: Which of the following describe what usually happens when you are done using a computer.[1 \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
TC3_1: Which of the following describe what usually happens when you are done using a computer.[1	leave it on so it will be ready the next time you want to use it	Count	5	2	11	2	20
	put it in sleep mode	% within UTILITY	16.7%	28.6%	32.4%	12.5%	23.0%
		Count	4	0	5	0	9

Tab 1A - Multi Family Permanent Resident Survey Data

		% within UTILITY	13.3%	.0%	14.7%	.0%	10.3%
power down the computer	Count		17	1	12	10	40
	% within UTILITY		56.7%	14.3%	35.3%	62.5%	46.0%
turn off the monitor of a personal computer	Count		3	3	5	3	14
	% within UTILITY		10.0%	42.9%	14.7%	18.8%	16.1%
plug in if a laptop	Count		1	1	1	1	4
	% within UTILITY		3.3%	14.3%	2.9%	6.3%	4.6%
Total	Count		30	7	34	16	87
	% within UTILITY		100.0%	100.0%	100.0%	100.0%	100.0%

TC3\_2: Which of the following describe what usually happens when you are done using a computer. |2 \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
TC3_2: Which of the following describe what usually happens when you are done using a computer.  2	put it in sleep mode	Count	1	0	1	0	2
		% within UTILITY	25.0%	.0%	12.5%	.0%	13.3%
	power down the computer	Count	1	0	4	1	6
		% within UTILITY	25.0%	.0%	50.0%	50.0%	40.0%
	turn off the monitor of a personal computer	Count	1	0	2	1	4
		% within UTILITY	25.0%	.0%	25.0%	50.0%	26.7%
	plug in if a laptop	Count	1	1	1	0	3
		% within UTILITY	25.0%	100.0%	12.5%	.0%	20.0%
	Total	Count	4	1	8	2	15
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

TC3\_3: Which of the following describe what usually happens when you are done using a computer. |3 \* UTILITY Crosstabulation

			UTILITY	
			Granite State Electric	Total
TC3_3: Which of the following describe what usually happens when you are done using a computer.  3	power down the computer	Count	1	1
		% within UTILITY	100.0%	100.0%
	Total	Count	1	1
		% within UTILITY	100.0%	100.0%

TC3\_4: Which of the following describe what usually happens when you are done using a computer. |4 \* UTILITY Crosstabulation

			UTILITY	
			Granite State Electric	Total
TC3_4: Which of the following describe what usually happens when you are done using a computer.  4	turn off the monitor of a personal computer	Count	1	1
		% within UTILITY	100.0%	100.0%
	Total	Count	1	1
		% within UTILITY	100.0%	100.0%

L1: Are you familiar with a compact fluorescent light bulb, sometimes referred to as a CFL bulb? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
L1: Are you familiar with a compact fluorescent light bulb, sometimes referred to as a CFL bulb?	Yes	Count	38	11	42	22	113
		% within UTILITY	88.4%	91.7%	89.4%	88.0%	89.0%
	No	Count	5	1	5	2	13
		% within UTILITY	11.6%	8.3%	10.6%	8.0%	10.2%
	DON'T KNOW	Count	0	0	0	1	1
		% within UTILITY	.0%	.0%	.0%	4.0%	.8%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

L2: CFL bulbs are small fluorescent bulbs that fit into regular light bulb sockets. Does this sound like something you've seen? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
L2: CFL bulbs are small fluorescent bulbs that fit into regular light bulb sockets. Does this sound like something you've seen?	Yes	Count	1	1	3	1	6
		% within UTILITY	20.0%	100.0%	60.0%	33.3%	42.9%
	No	Count	4	0	2	1	7
		% within UTILITY	80.0%	.0%	40.0%	33.3%	50.0%
	DON'T KNOW	Count	0	0	0	1	1
		% within UTILITY	.0%	.0%	.0%	33.3%	7.1%
	Total	Count	5	1	5	3	14
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

L3: Do you currently have any of these bulbs installed in this home? \* UTILITY Crosstabulation

			UTILITY				
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Tab 1A - Multi Family Permanent Resident Survey Data

		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
L3: Do you currently have any of these bulbs installed in this home?	Yes	Count	23	10	29	15	77
		% within UTILITY	59.0%	83.3%	64.4%	65.2%	64.7%
	No	Count	15	2	16	8	41
		% within UTILITY	38.5%	16.7%	35.6%	34.8%	34.5%
	DON'T KNOW	Count	1	0	0	0	1
		% within UTILITY	2.6%	.0%	.0%	.0%	.8%
	Total	Count	39	12	45	23	119
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

Frequency Table

L4A: REPORT ACTUAL NUMBER: About how many of these bulbs are currently installed in this home?

		Frequency	Percent	Valid Percent	Cumulative Percent		
Valid	0	1	.8	2.0	2.0		
	1	5	3.9	9.8	11.8	0.1	0.1
	2	7	5.5	13.7	25.5	0.14	0.28
	3	8	6.3	15.7	41.2	0.16	0.48
	4	6	4.7	11.8	52.9	0.12	0.48
	5	1	.8	2.0	54.9	0.02	0.1
	6	6	4.7	11.8	66.7	0.12	0.72
	7	1	.8	2.0	68.6	0.02	0.14
	8	1	.8	2.0	70.6	0.02	0.16
	10	7	5.5	13.7	84.3	0.14	1.4
	11	1	.8	2.0	86.3	0.02	0.22
	12	2	1.6	3.9	90.2	0.04	0.48
	15	3	2.4	5.9	96.1	0.06	0.9
	20	1	.8	2.0	98.0	0.02	0.4
	35	1	.8	2.0	100.0	0.02	0.7
Total		51	40.2	100.0		1	6.56
Missing	System	76	59.8				0.12543
Total		127	100.0				

L4B: REPORT PERCENTAGE: What percent of installed light bulbs in your home are currently CFL bulbs?

		Frequency	Percent	Valid Percent	Cumulative Percent		
Valid	40	2	1.6	8.0	8.0	0.08	0.032
	50	3	2.4	12.0	20.0	0.12	0.06
	60	1	.8	4.0	24.0	0.04	0.024
	75	3	2.4	12.0	36.0	0.12	0.09
	80	2	1.6	8.0	44.0	0.08	0.064
	90	5	3.9	20.0	64.0	0.2	0.18
	95	2	1.6	8.0	72.0	0.08	0.076
	98	1	.8	4.0	76.0	0.04	0.0392
	100	6	4.7	24.0	100.0	0.24	0.24
	Total		25	19.7	100.0		1
Missing	System	102	80.3				
Total		127	100.0				

Weighted average (n)

Crosstabs

Warnings

The crosstabulation of L5_3: When you purchased the CFL, did you:3 * UTILITY is empty.
The crosstabulation of PP9_3: What else did you
The crosstabulation of PP9_5: What else did you
The crosstabulation of PP9_6: What else did you
The crosstabulation of PP9_7: What else did you
The crosstabulation of PP9_8: What else did you
The crosstabulation of PP9_9: What else did you
The crosstabulation of PP9_10: What else did you
The crosstabulation of PP9_11: What else did you
The crosstabulation of PP9_12: What else did you
The crosstabulation of PP9_13: What else did you
The crosstabulation of PP9_14: What else did you
The crosstabulation of PS4: Why do you say that? *

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The crosstabulation of PS5\_6: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each

The crosstabulation of PS5\_7: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each

The crosstabulation of PS5\_8: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
L5_1: When you purchased the CFL, did you: 1 * UTILITY	77	60.6%	50	39.4%	127	100.0%
L5_2: When you purchased the CFL, did you: 2 * UTILITY	1	.8%	126	99.2%	127	100.0%
PP1: Have you remodeled any portion of this home in the last five years? * UTILITY	127	100.0%	0	.0%	127	100.0%
PP2: Did you specifically consider or include energy efficient features? * UTILITY	25	19.7%	102	80.3%	127	100.0%
PP3: Do you plan on remodeling any portion of this home in the next 12 months? * UTILITY	127	100.0%	0	.0%	127	100.0%
PP4: Do you specifically plan to include energy efficient features when remodeling? * UTILITY	10	7.9%	117	92.1%	127	100.0%
PP5: How much attention would you say you and your household pays to controlling energy costs? * UTILITY	127	100.0%	0	.0%	127	100.0%
PP6: Are you familiar with the Energy Star logo? * UTILITY	127	100.0%	0	.0%	127	100.0%
PP7A_1: Have you purchased central air conditioning in the last five years? * UTILITY	27	21.3%	100	78.7%	127	100.0%
PP7B_1: Does the equipment currently have an Energy Star Logo? * UTILITY	7	5.5%	120	94.5%	127	100.0%
PP7A_2: Have you purchased a room air conditioning unit in the last five years? * UTILITY	75	59.1%	52	40.9%	127	100.0%
PP7B_2: Does the equipment currently have an Energy Star Logo? * UTILITY	42	33.1%	85	66.9%	127	100.0%
PP7A_3: Have you purchased a water Heater in the last five years? * UTILITY	127	100.0%	0	.0%	127	100.0%
PP7B_3: Does the equipment currently have an Energy Star Logo? * UTILITY	22	17.3%	105	82.7%	127	100.0%
PP7A_4: Have you purchased a refrigerator in the last five years? * UTILITY	127	100.0%	0	.0%	127	100.0%
PP7B_4: Does the equipment currently have an Energy Star Logo? * UTILITY	25	19.7%	102	80.3%	127	100.0%
PP7A_5: Have you purchased a stand-alone freezer in the last five years? * UTILITY	25	19.7%	102	80.3%	127	100.0%
PP7B_5: Does the equipment currently have an Energy Star Logo? * UTILITY	2	1.6%	125	98.4%	127	100.0%
PP7A_6: Have you purchased a clothes washer in the last five years? * UTILITY	97	76.4%	30	23.6%	127	100.0%

Tab 1A - Multi Family Permanent Resident Survey Data

PP7B_6: Does the equipment currently have an Energy Star Logo? * UTILITY	45	35.4%	82	64.6%	127	100.0%
PP7A_7: Have you purchased a clothes dryer in the last five years? * UTILITY	93	73.2%	34	26.8%	127	100.0%
PP7B_7: Does the equipment currently have an Energy Star Logo? * UTILITY	38	29.9%	89	70.1%	127	100.0%
PP7A_8: Have you purchased a dehumidifier in the last five years? * UTILITY	13	10.2%	114	89.8%	127	100.0%
PP7B_8: Does the equipment currently have an Energy Star Logo? * UTILITY	8	6.3%	119	93.7%	127	100.0%
PP7A_9: Have you purchased a dishwasher in the last five years? * UTILITY	69	54.3%	58	45.7%	127	100.0%
PP7B_9: Does the equipment currently have an Energy Star Logo? * UTILITY	17	13.4%	110	86.6%	127	100.0%
PP7A_10: Have you purchased windows in the last five years? * UTILITY	127	100.0%	0	.0%	127	100.0%
PP7B_10: Does the equipment currently have an Energy Star Logo? * UTILITY	24	18.9%	103	81.1%	127	100.0%
PP7A_11: Have you purchased computers or other home office equipment in the last five years? * UTILITY	127	100.0%	0	.0%	127	100.0%
PP7B_11: Does the equipment currently have an Energy Star Logo? * UTILITY	56	44.1%	71	55.9%	127	100.0%
PP8: In the last five years have you purchased any other equipment or appliances that you specifically requested be energy efficient or that you purchased to reduce your home energy costs? * UTILITY	127	100.0%	0	.0%	127	100.0%
PP9_1: What else did you purchase? 1 * UTILITY	14	11.0%	113	89.0%	127	100.0%
PP9_2: What else did you purchase? 2 * UTILITY	2	1.6%	125	98.4%	127	100.0%
PP9_4: What else did you purchase? 4 * UTILITY	1	.8%	126	99.2%	127	100.0%
AT1A: Would you be more likely to purchase energy efficient equipment if your monthly energy bill would be less than if it would be with the standard equipment? * UTILITY	127	100.0%	0	.0%	127	100.0%
AT1B: Would you be more likely to purchase energy efficient equipment if it increased the level of comfort in this home more than standard equipment would? * UTILITY	127	100.0%	0	.0%	127	100.0%
AT1C: Would you be more likely to purchase energy efficient equipment if you felt you were helping to protect the environment? * UTILITY	127	100.0%	0	.0%	127	100.0%
AT1D: Would you be more likely to purchase energy efficient equipment if it increased the value of this home more than standard equipment would? * UTILITY	127	100.0%	0	.0%	127	100.0%



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AT1E: Would you be more likely to purchase energy efficient equipment if you received a rebate for the energy efficient equipment? * UTILITY	127	100.0%	0	.0%	127	100.0%
AT1F: Would you be more likely to purchase energy efficient equipment if your sales person recommended it? * UTILITY	127	100.0%	0	.0%	127	100.0%
AT2: In general, what do you see as the primary reasons you might not purchase energy efficient equipment or make energy efficiency home improvements? * UTILITY	127	100.0%	0	.0%	127	100.0%
PS1: Are you aware that your utility, has energy efficiency programs or products that offer incentives or rebates? * UTILITY	127	100.0%	0	.0%	127	100.0%
PS2: Have you participated in any utility energy efficiency program or purchased any of the promoted products? * UTILITY	55	43.3%	72	56.7%	127	100.0%
PS3: Would you participate in the program again or purchase the promoted products again should you have the opportunity? * UTILITY	17	13.4%	110	86.6%	127	100.0%
PS5_1: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.1 * UTILITY	38	29.9%	89	70.1%	127	100.0%
PS5_2: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.2 * UTILITY	11	8.7%	116	91.3%	127	100.0%
PS5_3: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.3 * UTILITY	4	3.1%	123	96.9%	127	100.0%
PS5_4: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.4 * UTILITY	2	1.6%	125	98.4%	127	100.0%
PS5_5: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.5 * UTILITY	2	1.6%	125	98.4%	127	100.0%
DE1A: How many people living in your home are 5 years old and under: * UTILITY	127	100.0%	0	.0%	127	100.0%
DE1B: How many people living in your home are 6-18 years old: * UTILITY	127	100.0%	0	.0%	127	100.0%
DE1C: How many people living in your home are 19-34 years old: * UTILITY	127	100.0%	0	.0%	127	100.0%
DE1D: How many people living in your home are 35-54 years old: * UTILITY	127	100.0%	0	.0%	127	100.0%
DE1E: How many people living in your home are 55-64 years old: * UTILITY	127	100.0%	0	.0%	127	100.0%
DE1F: How many people living in your home are 65 years old and over: * UTILITY	127	100.0%	0	.0%	127	100.0%

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DE2: What is the highest level of education you have completed? Would you say: * UTILITY	126	99.2%	1	.8%	127	100.0%
DE3: Please stop me when I get the range of your household's total before tax annual income: * UTILITY	127	100.0%	0	.0%	127	100.0%
DE3A: Would you say it is: * UTILITY	127	100.0%	0	.0%	127	100.0%

L5\_1: When you purchased the CFL, did you:1 \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
L5_1: When you purchased the CFL, did you:1	receive an in store rebate	Count	3	2	7	2	14
		% within UTILITY	13.0%	20.0%	24.1%	13.3%	18.2%
	purchase it from NHSaves Lighting Catalog	Count	2	0	1	0	3
		% within UTILITY	8.7%	.0%	3.4%	.0%	3.9%
	none of the above	Count	18	8	19	12	57
		% within UTILITY	78.3%	80.0%	65.5%	80.0%	74.0%
DON'T KNOW	Count	0	0	2	1	3	
	% within UTILITY	.0%	.0%	6.9%	6.7%	3.9%	
Total	Count	23	10	29	15	77	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

L5\_2: When you purchased the CFL, did you:2 \* UTILITY Crosstabulation

			UTILITY	
			Granite State Electric	Total
L5_2: When you purchased the CFL, did you:2	receive an in store rebate	Count	1	1
		% within UTILITY	100.0%	100.0%
	Total	Count	1	1
		% within UTILITY	100.0%	100.0%

PP1: Have you remodeled any portion of this home in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP1: Have you remodeled any portion of this home in the last five years?	Yes	Count	8	2	9	6	25
		% within UTILITY	18.6%	16.7%	19.1%	24.0%	19.7%
	No	Count	35	10	35	19	99
		% within UTILITY	81.4%	83.3%	74.5%	76.0%	78.0%
	DON'T KNOW	Count	0	0	3	0	3
		% within UTILITY	.0%	.0%	6.4%	.0%	2.4%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP2: Did you specifically consider or include energy efficient features? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP2: Did you specifically consider or include energy efficient features?	Yes	Count	5	2	5	2	14
		% within UTILITY	62.5%	100.0%	55.6%	33.3%	56.0%
	No	Count	3	0	2	3	8
		% within UTILITY	37.5%	.0%	22.2%	50.0%	32.0%
	DON'T KNOW	Count	0	0	2	1	3
		% within UTILITY	.0%	.0%	22.2%	16.7%	12.0%
	Total	Count	8	2	9	6	25
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP3: Do you plan on remodeling any portion of this home in the next 12 months? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP3: Do you plan on remodeling any portion of this home in the next 12 months?	Yes	Count	2	1	6	1	10
		% within UTILITY	4.7%	8.3%	12.8%	4.0%	7.9%
	No	Count	37	10	36	24	107
		% within UTILITY	86.0%	83.3%	76.6%	96.0%	84.3%
	DON'T KNOW	Count	4	1	5	0	10
		% within UTILITY	9.3%	8.3%	10.6%	.0%	7.9%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

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PP4: Do you specifically plan to include energy efficient features when remodeling? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP4: Do you specifically plan to include energy efficient features when remodeling?	Yes	Count	2	1	4	1	8
		% within UTILITY	100.0%	100.0%	66.7%	100.0%	80.0%
	No	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	16.7%	.0%	10.0%
	DON'T KNOW	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	16.7%	.0%	10.0%
	Total	Count	2	1	6	1	10
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP5: How much attention would you say you and your household pays to controlling energy costs? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP5: How much attention would you say you and your household pays to controlling energy costs?	Substantial attention to these matters	Count	24	10	29	16	79
		% within UTILITY	55.8%	83.3%	61.7%	64.0%	62.2%
	Some attention	Count	14	2	13	8	37
		% within UTILITY	32.6%	16.7%	27.7%	32.0%	29.1%
	Very little attention	Count	5	0	1	1	7
		% within UTILITY	11.6%	.0%	2.1%	4.0%	5.5%
	No attention at all	Count	0	0	4	0	4
		% within UTILITY	.0%	.0%	8.5%	.0%	3.1%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP6: Are you familiar with the Energy Star logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP6: Are you familiar with the Energy Star logo?	Yes	Count	33	8	36	18	95
		% within UTILITY	76.7%	66.7%	76.6%	72.0%	74.8%
	No	Count	9	4	10	6	29
		% within UTILITY	20.9%	33.3%	21.3%	24.0%	22.8%
	DON'T KNOW	Count	1	0	1	1	3
		% within UTILITY	2.3%	.0%	2.1%	4.0%	2.4%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_1: Have you purchased central air conditioning in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_1: Have you purchased central air conditioning in the last five years?	Yes	Count	2	0	1	4	7
		% within UTILITY	20.0%	.0%	20.0%	40.0%	25.9%
	No	Count	8	1	4	6	19
		% within UTILITY	80.0%	50.0%	80.0%	60.0%	70.4%
	DON'T KNOW	Count	0	1	0	0	1
		% within UTILITY	.0%	50.0%	.0%	.0%	3.7%
	Total	Count	10	2	5	10	27
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_1: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY			
			Granite State Electric	PSNH	Unitil	Total
PP7B_1: Does the equipment currently have an Energy Star Logo?	Yes	Count	1	1	3	5
		% within UTILITY	50.0%	100.0%	75.0%	71.4%
	DON'T KNOW	Count	1	0	1	2
		% within UTILITY	50.0%	.0%	25.0%	28.6%
	Total	Count	2	1	4	7
		% within UTILITY	100.0%	100.0%	100.0%	100.0%

PP7A\_2: Have you purchased a room air conditioning unit in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_2: Have you purchased a room air conditioning unit in the last five years?	Yes	Count	13	4	20	5	42
		% within UTILITY	54.2%	66.7%	62.5%	38.5%	56.0%

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No	Count	11	2	12	8	33
	% within UTILITY	45.8%	33.3%	37.5%	61.5%	44.0%
Total	Count	24	6	32	13	75
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_2: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_2: Does the equipment currently have an Energy Star Logo?	Yes	Count	9	4	12	3	28
		% within UTILITY	69.2%	100.0%	60.0%	60.0%	66.7%
	No	Count	3	0	4	1	8
		% within UTILITY	23.1%	.0%	20.0%	20.0%	19.0%
	DON'T KNOW	Count	1	0	4	1	6
		% within UTILITY	7.7%	.0%	20.0%	20.0%	14.3%
Total	Count	13	4	20	5	42	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

PP7A\_3: Have you purchased a water Heater in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_3: Have you purchased a water Heater in the last five years?	Yes	Count	7	2	6	7	22
		% within UTILITY	16.3%	16.7%	12.8%	28.0%	17.3%
	No	Count	35	9	40	18	102
		% within UTILITY	81.4%	75.0%	85.1%	72.0%	80.3%
	DON'T KNOW	Count	1	1	1	0	3
		% within UTILITY	2.3%	8.3%	2.1%	.0%	2.4%
Total	Count	43	12	47	25	127	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

PP7B\_3: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_3: Does the equipment currently have an Energy Star Logo?	Yes	Count	4	2	5	6	17
		% within UTILITY	57.1%	100.0%	83.3%	85.7%	77.3%
	DON'T KNOW	Count	3	0	1	1	5
		% within UTILITY	42.9%	.0%	16.7%	14.3%	22.7%
Total	Count	7	2	6	7	22	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

PP7A\_4: Have you purchased a refrigerator in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_4: Have you purchased a refrigerator in the last five years?	Yes	Count	12	3	8	2	25
		% within UTILITY	27.9%	25.0%	17.0%	8.0%	19.7%
	No	Count	31	8	39	23	101
		% within UTILITY	72.1%	66.7%	83.0%	92.0%	79.5%
	DON'T KNOW	Count	0	1	0	0	1
		% within UTILITY	.0%	8.3%	.0%	.0%	.8%
Total	Count	43	12	47	25	127	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

PP7B\_4: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_4: Does the equipment currently have an Energy Star Logo?	Yes	Count	9	2	7	1	19
		% within UTILITY	75.0%	66.7%	87.5%	50.0%	76.0%
	No	Count	1	1	0	1	3
		% within UTILITY	8.3%	33.3%	.0%	50.0%	12.0%
	DON'T KNOW	Count	2	0	1	0	3
		% within UTILITY	16.7%	.0%	12.5%	.0%	12.0%
Total	Count	12	3	8	2	25	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

PP7A\_5: Have you purchased a stand-alone freezer in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total

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PP7A_5: Have you purchased a stand-alone freezer in the last five years?	Yes	Count	1	0	1	0	2
		% within UTILITY	33.3%	.0%	7.7%	.0%	8.0%
	No	Count	2	1	12	6	21
		% within UTILITY	66.7%	33.3%	92.3%	100.0%	84.0%
	DON'T KNOW	Count	0	2	0	0	2
		% within UTILITY	.0%	66.7%	.0%	.0%	8.0%
	Total	Count	3	3	13	6	25
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_5: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

		UTILITY			
		Granite State Electric	PSNH	Total	
PP7B_5: Does the equipment currently have an Energy Star Logo?	Yes	Count	1	1	2
		% within UTILITY	100.0%	100.0%	100.0%
	Total	Count	1	1	2
		% within UTILITY	100.0%	100.0%	100.0%

PP7A\_6: Have you purchased a clothes washer in the last five years? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
PP7A_6: Have you purchased a clothes washer in the last five years?	Yes	Count	16	2	20	7	45
		% within UTILITY	50.0%	20.0%	58.8%	33.3%	46.4%
	No	Count	16	7	14	14	51
		% within UTILITY	50.0%	70.0%	41.2%	66.7%	52.6%
	DON'T KNOW	Count	0	1	0	0	1
		% within UTILITY	.0%	10.0%	.0%	.0%	1.0%
	Total	Count	32	10	34	21	97
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_6: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
PP7B_6: Does the equipment currently have an Energy Star Logo?	Yes	Count	8	1	13	4	26
		% within UTILITY	50.0%	50.0%	65.0%	57.1%	57.8%
	No	Count	7	1	5	1	14
		% within UTILITY	43.8%	50.0%	25.0%	14.3%	31.1%
	DON'T KNOW	Count	1	0	2	2	5
		% within UTILITY	6.3%	.0%	10.0%	28.6%	11.1%
	Total	Count	16	2	20	7	45
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_7: Have you purchased a clothes dryer in the last five years? \* UTILITY Crosstabulation

		UTILITY					
		Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total	
PP7A_7: Have you purchased a clothes dryer in the last five years?	Yes	Count	16	0	15	7	38
		% within UTILITY	55.2%	.0%	45.5%	33.3%	40.9%
	No	Count	13	9	16	14	52
		% within UTILITY	44.8%	90.0%	48.5%	66.7%	55.9%
	DON'T KNOW	Count	0	1	2	0	3
		% within UTILITY	.0%	10.0%	6.1%	.0%	3.2%
	Total	Count	29	10	33	21	93
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_7: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

		UTILITY				
		Granite State Electric	PSNH	Unitil	Total	
PP7B_7: Does the equipment currently have an Energy Star Logo?	Yes	Count	9	11	4	24
		% within UTILITY	56.3%	73.3%	57.1%	63.2%
	No	Count	6	4	1	11
		% within UTILITY	37.5%	26.7%	14.3%	28.9%
	DON'T KNOW	Count	1	0	2	3
		% within UTILITY	6.3%	.0%	28.6%	7.9%
	Total	Count	16	15	7	38
		% within UTILITY	100.0%	100.0%	100.0%	100.0%

PP7A\_8: Have you purchased a dehumidifier in the last five years? \* UTILITY Crosstabulation

		UTILITY				
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			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_8: Have you purchased a dehumidifier in the last five years?	Yes	Count	1	0	5	2	8
		% within UTILITY	50.0%	.0%	71.4%	66.7%	61.5%
	No	Count	1	0	2	1	4
		% within UTILITY	50.0%	.0%	28.6%	33.3%	30.8%
	DON'T KNOW	Count	0	1	0	0	1
		% within UTILITY	.0%	100.0%	.0%	.0%	7.7%
	Total	Count	2	1	7	3	13
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_8: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY			
			Granite State Electric	PSNH	Unitil	Total
PP7B_8: Does the equipment currently have an Energy Star Logo?	Yes	Count	1	4	2	7
		% within UTILITY	100.0%	80.0%	100.0%	87.5%
	No	Count	0	1	0	1
		% within UTILITY	.0%	20.0%	.0%	12.5%
	Total	Count	1	5	2	8
		% within UTILITY	100.0%	100.0%	100.0%	100.0%

PP7A\_9: Have you purchased a dishwasher in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_9: Have you purchased a dishwasher in the last five years?	Yes	Count	5	1	4	7	17
		% within UTILITY	25.0%	14.3%	17.4%	36.8%	24.6%
	No	Count	13	5	18	12	48
		% within UTILITY	65.0%	71.4%	78.3%	63.2%	69.6%
	DON'T KNOW	Count	2	1	1	0	4
		% within UTILITY	10.0%	14.3%	4.3%	.0%	5.8%
	Total	Count	20	7	23	19	69
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_9: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_9: Does the equipment currently have an Energy Star Logo?	Yes	Count	5	1	4	2	12
		% within UTILITY	100.0%	100.0%	100.0%	28.6%	70.6%
	No	Count	0	0	0	2	2
		% within UTILITY	.0%	.0%	.0%	28.6%	11.8%
	DON'T KNOW	Count	0	0	0	3	3
		% within UTILITY	.0%	.0%	.0%	42.9%	17.6%
	Total	Count	5	1	4	7	17
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7A\_10: Have you purchased windows in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_10: Have you purchased windows in the last five years?	Yes	Count	10	3	7	4	24
		% within UTILITY	23.3%	25.0%	14.9%	16.0%	18.9%
	No	Count	32	8	40	21	101
		% within UTILITY	74.4%	66.7%	85.1%	84.0%	79.5%
	DON'T KNOW	Count	1	1	0	0	2
		% within UTILITY	2.3%	8.3%	.0%	.0%	1.6%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_10: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_10: Does the equipment currently have an Energy Star Logo?	Yes	Count	7	3	4	2	16
		% within UTILITY	70.0%	100.0%	57.1%	50.0%	66.7%
	No	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	14.3%	.0%	4.2%
	DON'T KNOW	Count	3	0	2	2	7
		% within UTILITY	30.0%	.0%	28.6%	50.0%	29.2%
	Total	Count	10	3	7	4	24

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	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%
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PP7A\_11: Have you purchased computers or other home office equipment in the last five years? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7A_11: Have you purchased computers or other home office equipment in the last five years?	Yes	Count	22	1	22	11	56
		% within UTILITY	51.2%	8.3%	46.8%	44.0%	44.1%
	No	Count	20	10	25	14	69
		% within UTILITY	46.5%	83.3%	53.2%	56.0%	54.3%
	DON'T KNOW	Count	1	1	0	0	2
		% within UTILITY	2.3%	8.3%	.0%	.0%	1.6%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP7B\_11: Does the equipment currently have an Energy Star Logo? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP7B_11: Does the equipment currently have an Energy Star Logo?	Yes	Count	9	1	7	3	20
		% within UTILITY	40.9%	100.0%	31.8%	27.3%	35.7%
	No	Count	7	0	5	5	17
		% within UTILITY	31.8%	.0%	22.7%	45.5%	30.4%
	DON'T KNOW	Count	6	0	10	3	19
		% within UTILITY	27.3%	.0%	45.5%	27.3%	33.9%
	Total	Count	22	1	22	11	56
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP8: In the last five years have you purchased any other equipment or appliances that you specifically requested be energy efficient or that you purchased to reduce your home energy costs? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP8: In the last five years have you purchased any other equipment or appliances that you specifically requested be energy efficient or that you purchased to reduce your home energy costs?	Yes	Count	8	1	2	3	14
		% within UTILITY	18.6%	8.3%	4.3%	12.0%	11.0%
	No	Count	35	11	45	22	113
		% within UTILITY	81.4%	91.7%	95.7%	88.0%	89.0%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP9\_1: What else did you purchase?|1 \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PP9_1: What else did you purchase? 1	appliances	Count	4	0	1	2	7
		% within UTILITY	50.0%	.0%	50.0%	66.7%	50.0%
	microwave	Count	0	1	0	1	2
		% within UTILITY	.0%	100.0%	.0%	33.3%	14.3%
	oven	Count	1	0	0	0	1
		% within UTILITY	12.5%	.0%	.0%	.0%	7.1%
	storm windows, door	Count	1	0	0	0	1
		% within UTILITY	12.5%	.0%	.0%	.0%	7.1%
	Other (specify)	Count	2	0	1	0	3
		% within UTILITY	25.0%	.0%	50.0%	.0%	21.4%
	Total	Count	8	1	2	3	14
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PP9\_2: What else did you purchase?|2 \* UTILITY Crosstabulation

			UTILITY		
			Granite State Electric	Unitil	Total
PP9_2: What else did you purchase? 2	appliances	Count	1	1	2
		% within UTILITY	100.0%	100.0%	100.0%
	Total	Count	1	1	2
		% within UTILITY	100.0%	100.0%	100.0%

PP9\_4: What else did you purchase?|4 \* UTILITY Crosstabulation

			UTILITY	
			Granite State Electric	Total
PP9_4: What else did you purchase? 4	appliances	Count	1	1
		% within UTILITY	100.0%	100.0%

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Total	Count	1	1
	% within UTILITY	100.0%	100.0%

AT1A: Would you be more likely to purchase energy efficient equipment if your monthly energy bill would be less than if it would be with the standard equipment? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT1A: Would you be more likely to purchase energy efficient equipment if your monthly energy bill would be less than if it would be with the standard equipment?	Not at All Likely	Count	2	1	3	1	7
		% within UTILITY	4.7%	8.3%	6.4%	4.0%	5.5%
	2	Count	1	0	0	0	1
		% within UTILITY	2.3%	.0%	.0%	.0%	.8%
	3	Count	2	0	3	0	5
		% within UTILITY	4.7%	.0%	6.4%	.0%	3.9%
	4	Count	5	0	8	2	15
		% within UTILITY	11.6%	.0%	17.0%	8.0%	11.8%
	Extremely Likely	Count	33	11	31	20	95
		% within UTILITY	76.7%	91.7%	66.0%	80.0%	74.8%
	Don't know	Count	0	0	2	2	4
		% within UTILITY	.0%	.0%	4.3%	8.0%	3.1%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

AT1B: Would you be more likely to purchase energy efficient equipment if it increased the level of comfort in this home more than standard equipment would? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT1B: Would you be more likely to purchase energy efficient equipment if it increased the level of comfort in this home more than standard equipment would?	Not at All Likely	Count	3	1	5	2	11
		% within UTILITY	7.0%	8.3%	10.6%	8.0%	8.7%
	2	Count	1	0	0	0	1
		% within UTILITY	2.3%	.0%	.0%	.0%	.8%
	3	Count	3	3	4	0	10
		% within UTILITY	7.0%	25.0%	8.5%	.0%	7.9%
	4	Count	5	0	8	2	15
		% within UTILITY	11.6%	.0%	17.0%	8.0%	11.8%
	Extremely Likely	Count	30	8	29	17	84
		% within UTILITY	69.8%	66.7%	61.7%	68.0%	66.1%
	Don't know	Count	1	0	1	4	6
		% within UTILITY	2.3%	.0%	2.1%	16.0%	4.7%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

AT1C: Would you be more likely to purchase energy efficient equipment if you felt you were helping to protect the environment? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT1C: Would you be more likely to purchase energy efficient equipment if you felt you were helping to protect the environment?	Not at All Likely	Count	5	1	6	1	13
		% within UTILITY	11.6%	8.3%	12.8%	4.0%	10.2%
	2	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	2.1%	.0%	.8%
	3	Count	3	1	3	0	7
		% within UTILITY	7.0%	8.3%	6.4%	.0%	5.5%
	4	Count	2	1	6	2	11
		% within UTILITY	4.7%	8.3%	12.8%	8.0%	8.7%
	Extremely Likely	Count	33	9	28	19	89
		% within UTILITY	76.7%	75.0%	59.6%	76.0%	70.1%
	Don't know	Count	0	0	3	3	6
		% within UTILITY	.0%	.0%	6.4%	12.0%	4.7%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

AT1D: Would you be more likely to purchase energy efficient equipment if it increased the value of this home more than standard equipment would? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT1D: Would you be more likely to purchase energy efficient equipment if it increased the value of this home more than standard equipment would?	Not at All Likely	Count	5	1	8	1	15
		% within UTILITY	11.6%	8.3%	17.0%	4.0%	11.8%
	2	Count	1	0	0	0	1
		% within UTILITY	2.3%	.0%	.0%	.0%	.8%
	3	Count	4	1	6	2	13
		% within UTILITY	9.3%	8.3%	12.8%	8.0%	10.2%
	4	Count	1	0	3	2	6



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	% within UTILITY	2.3%	.0%	6.4%	8.0%	4.7%
Extremely Likely	Count	26	7	25	17	75
	% within UTILITY	60.5%	58.3%	53.2%	68.0%	59.1%
Don't know	Count	6	3	5	3	17
	% within UTILITY	14.0%	25.0%	10.6%	12.0%	13.4%
Total	Count	43	12	47	25	127
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

AT1E: Would you be more likely to purchase energy efficient equipment if you received a rebate for the energy efficient equipment? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT1E: Would you be more likely to purchase energy efficient equipment if you received a rebate for the energy efficient equipment?	Not at All Likely	Count	4	2	5	3	14
		% within UTILITY	9.3%	16.7%	10.6%	12.0%	11.0%
2	3	Count	1	0	0	0	1
		% within UTILITY	2.3%	.0%	.0%	.0%	.8%
3	4	Count	3	0	4	1	8
		% within UTILITY	7.0%	.0%	8.5%	4.0%	6.3%
4	Extremely Likely	Count	4	2	6	1	13
		% within UTILITY	9.3%	16.7%	12.8%	4.0%	10.2%
Extremely Likely	Don't know	Count	29	8	30	18	85
		% within UTILITY	67.4%	66.7%	63.8%	72.0%	66.9%
Don't know	Total	Count	2	0	2	2	6
		% within UTILITY	4.7%	.0%	4.3%	8.0%	4.7%
Total		Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

AT1F: Would you be more likely to purchase energy efficient equipment if your sales person recommended it? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT1F: Would you be more likely to purchase energy efficient equipment if your sales person recommended it?	Not at All Likely	Count	7	2	14	7	30
		% within UTILITY	16.3%	16.7%	29.8%	28.0%	23.6%
2	3	Count	2	0	1	1	4
		% within UTILITY	4.7%	.0%	2.1%	4.0%	3.1%
3	4	Count	7	2	9	6	24
		% within UTILITY	16.3%	16.7%	19.1%	24.0%	18.9%
4	Extremely Likely	Count	6	0	5	3	14
		% within UTILITY	14.0%	.0%	10.6%	12.0%	11.0%
Extremely Likely	Don't know	Count	19	6	16	5	46
		% within UTILITY	44.2%	50.0%	34.0%	20.0%	36.2%
Don't know	Total	Count	2	2	2	3	9
		% within UTILITY	4.7%	16.7%	4.3%	12.0%	7.1%
Total		Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

AT2: In general, what do you see as the primary reasons you might not purchase energy efficient equipment or make energy efficiency home improvements? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
AT2: In general, what do you see as the primary reasons you might not purchase energy efficient equipment or make energy efficiency home improvements?	Cost / Benefit	Count	20	5	25	11	61
		% within UTILITY	46.5%	41.7%	53.2%	44.0%	48.0%
Quality	Renters / Not Owners of Property	Count	1	0	1	0	2
		% within UTILITY	2.3%	.0%	2.1%	.0%	1.6%
Renters / Not Owners of Property	No Reason	Count	6	2	3	2	13
		% within UTILITY	14.0%	16.7%	6.4%	8.0%	10.2%
No Reason	Need Basis	Count	0	1	1	1	3
		% within UTILITY	.0%	8.3%	2.1%	4.0%	2.4%
Need Basis	Other	Count	1	0	0	4	5
		% within UTILITY	2.3%	.0%	.0%	16.0%	3.9%
Other	Don't know	Count	4	0	2	0	6
		% within UTILITY	9.3%	.0%	4.3%	.0%	4.7%
Don't know	Refused	Count	10	4	12	6	32
		% within UTILITY	23.3%	33.3%	25.5%	24.0%	25.2%
Refused	Total	Count	1	0	3	1	5
		% within UTILITY	2.3%	.0%	6.4%	4.0%	3.9%
Total		Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PS1: Are you aware that your utility, has energy efficiency programs or products that offer incentives or rebates? \* UTILITY Crosstabulation

			UTILITY				
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Tab 1A - Multi Family Permanent Resident Survey Data

			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PS1: Are you aware that your utility, has energy efficiency programs or products that offer incentives or rebates?	Yes	Count	16	3	23	13	55
		% within UTILITY	37.2%	25.0%	48.9%	52.0%	43.3%
	No	Count	24	8	24	11	67
		% within UTILITY	55.8%	66.7%	51.1%	44.0%	52.8%
	DON'T KNOW	Count	3	1	0	1	5
		% within UTILITY	7.0%	8.3%	.0%	4.0%	3.9%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PS2: Have you participated in any utility energy efficiency program or purchased any of the promoted products? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PS2: Have you participated in any utility energy efficiency program or purchased any of the promoted products?	Yes	Count	6	1	6	4	17
		% within UTILITY	37.5%	33.3%	26.1%	30.8%	30.9%
	No	Count	10	2	17	9	38
		% within UTILITY	62.5%	66.7%	73.9%	69.2%	69.1%
	Total	Count	16	3	23	13	55
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PS3: Would you participate in the program again or purchase the promoted products again should you have the opportunity? \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PS3: Would you participate in the program again or purchase the promoted products again should you have the opportunity?	Yes	Count	6	1	6	4	17
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%
	Total	Count	6	1	6	4	17
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

PS5\_1: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.1 \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
PS5_1: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.1	I didn't know I was eligible	Count	4	1	2	3	10
		% within UTILITY	40.0%	50.0%	11.8%	33.3%	26.3%
	I have not recently purchased any of the items we have talked about	Count	0	1	6	4	11
		% within UTILITY	.0%	50.0%	35.3%	44.4%	28.9%
	I have purchased items but they were not energy efficient	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	5.9%	.0%	2.6%
	I don't know how to find out more about the programs	Count	1	0	2	0	3
		% within UTILITY	10.0%	.0%	11.8%	.0%	7.9%
	Salesperson didn't talk to me about any programs	Count	1	0	0	0	1
		% within UTILITY	10.0%	.0%	.0%	.0%	2.6%
	Program incentives were not enough	Count	2	0	1	1	4
		% within UTILITY	20.0%	.0%	5.9%	11.1%	10.5%
	It wasn't worth the hassle (describe)	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	5.9%	.0%	2.6%
	Other(specify)	Count	1	0	1	0	2
		% within UTILITY	10.0%	.0%	5.9%	.0%	5.3%
	No Reason	Count	0	0	0	1	1
		% within UTILITY	.0%	.0%	.0%	11.1%	2.6%
	Renters / Not Owners	Count	1	0	2	0	3
		% within UTILITY	10.0%	.0%	11.8%	.0%	7.9%
No Need	Count	0	0	1	0	1	
	% within UTILITY	.0%	.0%	5.9%	.0%	2.6%	
Total	Count	10	2	17	9	38	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

PS5\_2: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.2 \* UTILITY Crosstabulation

			UTILITY			
			Granite State Electric	PSNH	Unitil	Total
PS5_2: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.2	I have not recently purchased any of the items we have talked about	Count	2	1	2	5
		% within UTILITY	50.0%	25.0%	66.7%	45.5%
	I have purchased items but they were not energy efficient	Count	0	1	1	2
		% within UTILITY	.0%	25.0%	33.3%	18.2%

Tab 1A - Multi Family Permanent Resident Survey Data

	I don't know how to find out more about the programs	Count	0	1	0	1
		% within UTILITY	.0%	25.0%	.0%	9.1%
	Salesperson didn't talk to me about any programs	Count	1	0	0	1
		% within UTILITY	25.0%	.0%	.0%	9.1%
	It wasn't worth the hassle (describe)	Count	1	0	0	1
		% within UTILITY	25.0%	.0%	.0%	9.1%
	Other(specify)	Count	0	1	0	1
		% within UTILITY	.0%	25.0%	.0%	9.1%
	Total	Count	4	4	3	11
		% within UTILITY	100.0%	100.0%	100.0%	100.0%

PS5\_3: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.3 \* UTILITY Crosstabulation

			UTILITY		
			Granite State Electric	PSNH	Total
PS5_3: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.3	I have purchased items but they were not energy efficient	Count	1	0	1
		% within UTILITY	50.0%	.0%	25.0%
	I don't know how to find out more about the programs	Count	1	2	3
		% within UTILITY	50.0%	100.0%	75.0%
	Total	Count	2	2	4
		% within UTILITY	100.0%	100.0%	100.0%

PS5\_4: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.4 \* UTILITY Crosstabulation

			UTILITY	
			PSNH	Total
PS5_4: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.4	Salesperson didn't talk to me about any programs	Count	2	2
		% within UTILITY	100.0%	100.0%
	Total	Count	2	2
		% within UTILITY	100.0%	100.0%

PS5\_5: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.5 \* UTILITY Crosstabulation

			UTILITY	
			PSNH	Total
PS5_5: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.5	Program incentives were not enough	Count	1	1
		% within UTILITY	50.0%	50.0%
	It wasn't worth the hassle (describe)	Count	1	1
		% within UTILITY	50.0%	50.0%
	Total	Count	2	2
		% within UTILITY	100.0%	100.0%

DE1A: How many people living in your home are 5 years old and under: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE1A: How many people living in your home are 5 years old and under:	Refusal	Count	1	0	0	0	1
		% within UTILITY	2.3%	.0%	.0%	.0%	.8%
	0	Count	33	11	42	24	110
		% within UTILITY	76.7%	91.7%	89.4%	96.0%	86.6%
	1	Count	5	0	2	1	8
		% within UTILITY	11.6%	.0%	4.3%	4.0%	6.3%
	2	Count	4	1	2	0	7
		% within UTILITY	9.3%	8.3%	4.3%	.0%	5.5%
	6	Count	0	0	1	0	1
		% within UTILITY	.0%	.0%	2.1%	.0%	.8%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

DE1B: How many people living in your home are 6-18 years old: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE1B: How many people living in your home are 6-18 years old:	Refusal	Count	1	0	0	0	1
		% within UTILITY	2.3%	.0%	.0%	.0%	.8%
	0	Count	33	9	34	25	101
		% within UTILITY	76.7%	75.0%	72.3%	100.0%	79.5%
	1	Count	4	0	8	0	12
		% within UTILITY	9.3%	.0%	17.0%	.0%	9.4%
	2	Count	5	2	2	0	9

Tab 1A - Multi Family Permanent Resident Survey Data

		% within UTILITY	11.6%	16.7%	4.3%	.0%	7.1%
3	Count	0	1	2	0	3	
	% within UTILITY	.0%	8.3%	4.3%	.0%	2.4%	
4	Count	0	0	1	0	1	
	% within UTILITY	.0%	.0%	2.1%	.0%	.8%	
Total	Count	43	12	47	25	127	
	% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%	

DE1C: How many people living in your home are 19-34 years old: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE1C: How many people living in your home are 19-34 years old:	Refusal	Count	1	0	0	0	1
		% within UTILITY	2.3%	.0%	.0%	.0%	.8%
0	Count	24	10	28	21	83	
		% within UTILITY	55.8%	83.3%	59.6%	84.0%	65.4%
1	Count	7	1	10	1	19	
		% within UTILITY	16.3%	8.3%	21.3%	4.0%	15.0%
2	Count	11	0	8	3	22	
		% within UTILITY	25.6%	.0%	17.0%	12.0%	17.3%
3	Count	0	1	1	0	2	
		% within UTILITY	.0%	8.3%	2.1%	.0%	1.6%
Total	Count	43	12	47	25	127	
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

DE1D: How many people living in your home are 35-54 years old: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE1D: How many people living in your home are 35-54 years old:	Refusal	Count	1	0	0	0	1
		% within UTILITY	2.3%	.0%	.0%	.0%	.8%
0	Count	20	7	24	15	66	
		% within UTILITY	46.5%	58.3%	51.1%	60.0%	52.0%
1	Count	14	4	16	5	39	
		% within UTILITY	32.6%	33.3%	34.0%	20.0%	30.7%
2	Count	8	0	6	5	19	
		% within UTILITY	18.6%	.0%	12.8%	20.0%	15.0%
3	Count	0	1	1	0	2	
		% within UTILITY	.0%	8.3%	2.1%	.0%	1.6%
Total	Count	43	12	47	25	127	
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

DE1E: How many people living in your home are 55-64 years old: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE1E: How many people living in your home are 55-64 years old:	Refusal	Count	1	0	0	0	1
		% within UTILITY	2.3%	.0%	.0%	.0%	.8%
0	Count	36	9	36	20	101	
		% within UTILITY	83.7%	75.0%	76.6%	80.0%	79.5%
1	Count	5	3	9	4	21	
		% within UTILITY	11.6%	25.0%	19.1%	16.0%	16.5%
2	Count	1	0	2	1	4	
		% within UTILITY	2.3%	.0%	4.3%	4.0%	3.1%
Total	Count	43	12	47	25	127	
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

DE1F: How many people living in your home are 65 years old and over: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE1F: How many people living in your home are 65 years old and over:	Refusal	Count	1	0	0	0	1
		% within UTILITY	2.3%	.0%	.0%	.0%	.8%
0	Count	37	7	40	15	99	
		% within UTILITY	86.0%	58.3%	85.1%	60.0%	78.0%
1	Count	4	4	5	7	20	
		% within UTILITY	9.3%	33.3%	10.6%	28.0%	15.7%
2	Count	1	1	2	3	7	
		% within UTILITY	2.3%	8.3%	4.3%	12.0%	5.5%
Total	Count	43	12	47	25	127	
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Tab 1A - Multi Family Permanent Resident Survey Data

DE2: What is the highest level of education you have completed? Would you say: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE2: What is the highest level of education you have completed? Would you say:	Not a high school graduate	Count	3	2	3	1	9
		% within UTILITY	7.1%	16.7%	6.4%	4.0%	7.1%
	High school graduate or GED (high school equivalency)	Count	11	3	13	6	33
		% within UTILITY	26.2%	25.0%	27.7%	24.0%	26.2%
	Some college/trade/vocational school	Count	13	2	15	5	35
		% within UTILITY	31.0%	16.7%	31.9%	20.0%	27.8%
	College graduate	Count	11	4	13	5	33
		% within UTILITY	26.2%	33.3%	27.7%	20.0%	26.2%
	Postgraduate degree	Count	4	1	3	8	16
		% within UTILITY	9.5%	8.3%	6.4%	32.0%	12.7%
	Total	Count	42	12	47	25	126
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

DE3: Please stop me when I get the range of your household's total before tax annual income: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE3: Please stop me when I get the range of your household's total before tax annual income:	Less than \$50,000, or	Count	22	8	25	11	66
		% within UTILITY	51.2%	66.7%	53.2%	44.0%	52.0%
	\$50,000 - \$109,999, or	Count	13	0	15	8	36
		% within UTILITY	30.2%	.0%	31.9%	32.0%	28.3%
	More than \$110,000?	Count	4	1	1	3	9
		% within UTILITY	9.3%	8.3%	2.1%	12.0%	7.1%
	REFUSED	Count	4	3	6	3	16
		% within UTILITY	9.3%	25.0%	12.8%	12.0%	12.6%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

DE3A: Would you say it is: \* UTILITY Crosstabulation

			UTILITY				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
DE3A: Would you say it is:	Less than \$9,999	Count	3	0	1	2	6
		% within UTILITY	7.0%	.0%	2.1%	8.0%	4.7%
	\$10,000 - \$29,999	Count	11	4	14	6	35
		% within UTILITY	25.6%	33.3%	29.8%	24.0%	27.6%
	\$30,000 - \$49,999	Count	7	4	8	2	21
		% within UTILITY	16.3%	33.3%	17.0%	8.0%	16.5%
	\$50,000 - \$69,999	Count	7	0	13	3	23
		% within UTILITY	16.3%	.0%	27.7%	12.0%	18.1%
	\$70,000 - \$89,999	Count	4	0	2	4	10
		% within UTILITY	9.3%	.0%	4.3%	16.0%	7.9%
	\$90,000 - \$109,999	Count	1	0	0	1	2
		% within UTILITY	2.3%	.0%	.0%	4.0%	1.6%
	\$110,000 - \$149,999	Count	2	0	1	2	5
		% within UTILITY	4.7%	.0%	2.1%	8.0%	3.9%
	\$149,000 - \$199,999	Count	2	0	0	0	2
		% within UTILITY	4.7%	.0%	.0%	.0%	1.6%
	\$200,000 or more	Count	0	1	0	0	1
		% within UTILITY	.0%	8.3%	.0%	.0%	.8%
	REFUSED	Count	6	3	8	5	22
		% within UTILITY	14.0%	25.0%	17.0%	20.0%	17.3%
	Total	Count	43	12	47	25	127
		% within UTILITY	100.0%	100.0%	100.0%	100.0%	100.0%

Frequencies

Frequency Table

GR: Gender of respondent?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Male	54	42.5	42.5	42.5
	Female	73	57.5	57.5	100.0
	Total	127	100.0	100.0	

Tab 1A - Multi Family Permanent Resident Survey Data

UTILITY

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Granite State Electric	43	33.9	33.9	33.9
	NH Elec CoOp	12	9.4	9.4	43.3
	PSNH	47	37.0	37.0	80.3
	Unitil	25	19.7	19.7	100.0
	Total	127	100.0	100.0	

Income - original sample field

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Limited Income	23	18.1	18.1	18.1
	Non-Limited Income	104	81.9	81.9	100.0
	Total	127	100.0	100.0	

KWH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	495	1	.8	1.2	1.2
	1083	1	.8	1.2	2.4
	1100	1	.8	1.2	3.6
	1735	1	.8	1.2	4.8
	1933	1	.8	1.2	6.0
	1941	1	.8	1.2	7.1
	1990	1	.8	1.2	8.3
	2341	1	.8	1.2	9.5
	2351	1	.8	1.2	10.7
	2509	1	.8	1.2	11.9
	2688	1	.8	1.2	13.1
	2739	1	.8	1.2	14.3
	2909	1	.8	1.2	15.5
	3030	1	.8	1.2	16.7
	3271	1	.8	1.2	17.9
	3302	1	.8	1.2	19.0
	3418	1	.8	1.2	20.2
	3512	1	.8	1.2	21.4
	3657	1	.8	1.2	22.6
	3723	1	.8	1.2	23.8
	3872	1	.8	1.2	25.0
	3957	1	.8	1.2	26.2
	4044	1	.8	1.2	27.4
	4069	1	.8	1.2	28.6
	4159	1	.8	1.2	29.8
	4219	1	.8	1.2	31.0
	4341	1	.8	1.2	32.1
	4404	1	.8	1.2	33.3
	4910	1	.8	1.2	34.5
	4999	1	.8	1.2	35.7
	5221	1	.8	1.2	36.9
	5228	1	.8	1.2	38.1
	5275	1	.8	1.2	39.3
	5365	1	.8	1.2	40.5
	5391	1	.8	1.2	41.7
	5445	1	.8	1.2	42.9
	5450	1	.8	1.2	44.0
	5508	1	.8	1.2	45.2
	5522	1	.8	1.2	46.4
	5658	1	.8	1.2	47.6
5694	1	.8	1.2	48.8	
5804	1	.8	1.2	50.0	
6190	1	.8	1.2	51.2	
6204	1	.8	1.2	52.4	
6214	1	.8	1.2	53.6	
6264	1	.8	1.2	54.8	
6358	1	.8	1.2	56.0	
6403	1	.8	1.2	57.1	
6589	1	.8	1.2	58.3	
6846	1	.8	1.2	59.5	
6890	1	.8	1.2	60.7	
6921	1	.8	1.2	61.9	
6922	1	.8	1.2	63.1	

Tab 1A - Multi Family Permanent Resident Survey Data

6973	1	.8	1.2	64.3
7146	1	.8	1.2	65.5
7173	1	.8	1.2	66.7
7312	1	.8	1.2	67.9
7396	1	.8	1.2	69.0
7511	1	.8	1.2	70.2
7896	1	.8	1.2	71.4
8009	1	.8	1.2	72.6
8114	1	.8	1.2	73.8
8179	1	.8	1.2	75.0
8271	1	.8	1.2	76.2
8330	1	.8	1.2	77.4
8405	1	.8	1.2	78.6
8479	1	.8	1.2	79.8
8977	1	.8	1.2	81.0
9225	1	.8	1.2	82.1
9351	1	.8	1.2	83.3
9556	1	.8	1.2	84.5
9561	1	.8	1.2	85.7
9737	1	.8	1.2	86.9
9762	1	.8	1.2	88.1
10178	1	.8	1.2	89.3
11130	1	.8	1.2	90.5
11133	1	.8	1.2	91.7
13967	1	.8	1.2	92.9
14436	1	.8	1.2	94.0
14607	1	.8	1.2	95.2
15347	1	.8	1.2	96.4
17879	1	.8	1.2	97.6
17955	1	.8	1.2	98.8
18734	1	.8	1.2	100.0
Total	84	66.1	100.0	
Missing	System	43	33.9	
Total		127	100.0	

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

RESIDENTIAL (within  
single family homes)  
\*\*\*\* BY SH2 (fuel type).

Main heating fuel

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	natural gas	34	12.6	12.6	12.6
	electricity	4	1.5	1.5	14.1
	propane	38	14.1	14.1	28.3
	oil	151	56.1	56.1	84.4
	kerosene	2	0.7	0.7	85.1
	wood	40	14.9	14.9	100
	Total	269	100	100	

permanent or seasonal? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
permanent or seasonal?	Permanent	Count	33	3	36	143	2	36	253
		% within Main heating fuel	97.10%	75.00%	94.70%	94.70%	100.00%	90.00%	94.10%
	Seasonal	Count	1	1	2	8	0	4	16
		% within Main heating fuel	2.90%	25.00%	5.30%	5.30%	0.00%	10.00%	5.90%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

HC2: What type of home is this residence? Is it: \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
HC2: What type of home is this residence? Is it:	Single family detached house	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

HC3: Do you own this home? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
HC3: Do you own this home?	Yes	Count	33	4	37	147	2	34	257
		% within Main heating fuel	97.10%	100.00%	97.40%	97.40%	100.00%	85.00%	95.50%
	No	Count	1	0	1	4	0	6	12
		% within Main heating fuel	2.90%	0.00%	2.60%	2.60%	0.00%	15.00%	4.50%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

HC4: About when did you move in to this home? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
HC4: About when did you move in to this home?	Before 1950	Count	1	0	0	2	0	1	4
		% within Main heating fuel	2.90%	0.00%	0.00%	1.30%	0.00%	2.50%	1.50%
	1950 to 1979	Count	4	2	2	36	0	5	49
		% within Main heating fuel	11.80%	50.00%	5.30%	23.80%	0.00%	12.50%	18.20%
	1980 to 1989	Count	2	0	8	23	0	11	44
		% within Main heating fuel	5.90%	0.00%	21.10%	15.20%	0.00%	27.50%	16.40%
	1990 to 1999	Count	8	1	12	35	2	10	68
		% within Main heating fuel	23.50%	25.00%	31.60%	23.20%	100.00%	25.00%	25.30%
	2000 to 2004	Count	12	0	7	34	0	5	58
		% within Main heating fuel	35.30%	0.00%	18.40%	22.50%	0.00%	12.50%	21.60%
	2005 to 2006	Count	7	1	9	21	0	8	46
		% within Main heating fuel	20.60%	25.00%	23.70%	13.90%	0.00%	20.00%	17.10%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

HC5: About when was this residence built? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
HC5: About when was this residence built?	Before 1950	Count	11	0	3	40	0	12	66
		% within Main heating fuel	32.40%	0.00%	7.90%	26.50%	0.00%	30.00%	24.50%
	1950 to 1979	Count	9	2	9	53	1	10	84
		% within Main heating fuel	26.50%	50.00%	23.70%	35.10%	50.00%	25.00%	31.20%
	1980 to 1989	Count	4	1	6	15	1	9	36
		% within Main heating fuel	11.80%	25.00%	15.80%	9.90%	50.00%	22.50%	13.40%
	1990 to 1999	Count	4	0	7	19	0	4	34
		% within Main heating fuel	11.80%	0.00%	18.40%	12.60%	0.00%	10.00%	12.60%
	2000 to 2004	Count	5	1	6	16	0	1	29
		% within Main heating fuel	14.70%	25.00%	15.80%	10.60%	0.00%	2.50%	10.80%
	2005 to 2008	Count	0	0	6	3	0	1	10
		% within Main heating fuel	0.00%	0.00%	15.80%	2.00%	0.00%	2.50%	3.70%
	DON'T KNOW	Count	1	0	1	5	0	3	10
		% within Main heating fuel	2.90%	0.00%	2.60%	3.30%	0.00%	7.50%	3.70%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

HC6: How many rooms are there in this residence?

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	3	7	2.6	2.6
	4	21	7.8	10.4
	5	65	24.2	34.6
	6	51	19	53.5
	7	49	18.2	71.7
	8	37	13.8	85.5
	9	23	8.6	94.1
	10	12	4.5	98.5
	11	2	0.7	99.3
	13	1	0.4	99.6
	15	1	0.4	100
Total	269	100	100	

HC7: Approximately how many square feet of living space are there in this residence?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	83	30.9	30.9
	6	1	0.4	31.2
	7	1	0.4	31.6
	9	12	4.5	36.1
	100	1	0.4	36.4
	144	1	0.4	36.8
	240	1	0.4	37.2
	500	1	0.4	37.5
	600	1	0.4	37.9
	700	1	0.4	38.3
	720	2	0.7	39
	728	1	0.4	39.4
	850	1	0.4	39.8
	900	3	1.1	40.9
	940	1	0.4	41.3
	960	2	0.7	42
	980	1	0.4	42.4
	999	1	0.4	42.8
	1000	11	4.1	46.8
	1100	4	1.5	48.3
	1144	1	0.4	48.7
	1200	7	2.6	51.3
	1250	1	0.4	51.7
	1300	2	0.7	52.4
	1400	9	3.3	55.8
	1500	12	4.5	60.2
	1600	4	1.5	61.7
	1700	5	1.9	63.6
	1728	1	0.4	63.9
	1800	18	6.7	70.6
	1850	1	0.4	71
	1900	4	1.5	72.5
	2000	13	4.8	77.3
2100	4	1.5	78.8	
2200	5	1.9	80.7	
2300	3	1.1	81.8	
2400	6	2.2	84	
2500	4	1.5	85.5	
2600	6	2.2	87.7	

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

2700	2	0.7	0.7	88.5
2742	1	0.4	0.4	88.8
2800	4	1.5	1.5	90.3
2890	1	0.4	0.4	90.7
3000	9	3.3	3.3	94.1
3200	2	0.7	0.7	94.8
3400	3	1.1	1.1	95.9
3500	3	1.1	1.1	97
3800	1	0.4	0.4	97.4
3900	1	0.4	0.4	97.8
4000	2	0.7	0.7	98.5
4300	1	0.4	0.4	98.9
5000	3	1.1	1.1	100
Total	269	100	100	

BE1\_1: Which of the following types of windows does this home have?|1 \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
BE1_1: Which of the following types of windows does this home have? 1	Single pane glass windows without storm windows	Count	1	0	1	7	0	5	14
		% within Main heating fuel	2.90%	0.00%	2.60%	4.60%	0.00%	12.50%	5.20%
	Single pane glass windows with storm windows	Count	4	3	4	33	0	8	52
		% within Main heating fuel	11.80%	75.00%	10.50%	21.90%	0.00%	20.00%	19.30%
	Double-pane glass windows without storm windows	Count	23	1	28	81	1	21	155
		% within Main heating fuel	67.60%	25.00%	73.70%	53.60%	50.00%	52.50%	57.60%
	Double-pane glass windows with storm windows	Count	5	0	5	26	1	6	43
		% within Main heating fuel	14.70%	0.00%	13.20%	17.20%	50.00%	15.00%	16.00%
	DON'T KNOW	Count	1	0	0	4	0	0	5
		% within Main heating fuel	2.90%	0.00%	0.00%	2.60%	0.00%	0.00%	1.90%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

BE1\_2: Which of the following types of windows does this home have?|2 \* Main heating fuel Crosstabulation

			Main heating fuel			
			propane	oil	wood	Total
BE1_2: Which of the following types of windows does this home have? 2	Single pane glass windows without storm windows	Count	0	3	0	3
		% within Main heating fuel	0.00%	60.00%	0.00%	25.00%
	Single pane glass windows with storm windows	Count	0	0	1	1
		% within Main heating fuel	0.00%	0.00%	20.00%	8.30%

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

Double-pane glass windows without storm windows	Count	2	2	2	6
	% within Main heating fuel	100.00%	40.00%	40.00%	50.00%
Double-pane glass windows with storm windows	Count	0	0	2	2
	% within Main heating fuel	0.00%	0.00%	40.00%	16.70%
Total	Count	2	5	5	12
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%

**BE1\_3: Which of the following types of windows does this home have?|3**

**\* Main heating fuel Crosstabulation**

			Main heating fuel	
			oil	Total
BE1_3: Which of the following types of windows does this home have? 3	Single pane glass windows with storm windows	Count	1	1
		% within Main heating fuel	100.00%	100.00%
Total	Total	Count	1	1
		% within Main heating fuel	100.00%	100.00%

**BE1\_4: Which of the following types of windows does this home have?|4**

**\* Main heating fuel Crosstabulation**

			Main heating fuel	
			oil	Total
BE1_4: Which of the following types of windows does this home have? 4	Double-pane glass windows with storm windows	Count	1	1
		% within Main heating fuel	100.00%	100.00%
Total	Total	Count	1	1
		% within Main heating fuel	100.00%	100.00%

**BE2: How drafty would you say this house is? Would you say it is: \* Main heating fuel Crosstabulation**

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
BE2: How drafty would you say this house is? Would you say it is:	Very drafty	Count	1	1	0	6	0	3	11
		% within Main heating fuel	2.90%	25.00%	0.00%	4.00%	0.00%	7.50%	4.10%
Somewhat drafty	Count	11	2	4	29	2	9	57	
	% within Main heating fuel	32.40%	50.00%	10.50%	19.20%	100.00%	22.50%	21.20%	
Not too drafty	Count	7	0	8	45	0	12	72	
	% within Main heating fuel	20.60%	0.00%	21.10%	29.80%	0.00%	30.00%	26.80%	
Not drafty at all	Count	15	1	26	70	0	16	128	
	% within Main heating fuel	44.10%	25.00%	68.40%	46.40%	0.00%	40.00%	47.60%	
DON'T KNOW	Count	0	0	0	1	0	0	1	
	% within Main heating fuel	0.00%	0.00%	0.00%	0.70%	0.00%	0.00%	0.40%	
Total	Count	34	4	38	151	2	40	269	

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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BE3: Have you ever added insulation to this home? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
BE3: Have you ever added insulation to this home?	Yes	Count	14	2	20	76	1	15	128
		% within Main heating fuel	41.20%	50.00%	52.60%	50.30%	50.00%	37.50%	47.60%
	No	Count	20	2	18	75	1	25	141
		% within Main heating fuel	58.80%	50.00%	47.40%	49.70%	50.00%	62.50%	52.40%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

SH1: Do you pay for the fuel used to heat this home? \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	wood	Total
SH1: Do you pay for the fuel used to heat this home?	Yes	Count	1	1	4	6	12
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%
	Total	Count	1	1	4	6	12
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

SH3: What type of heating system is your main source of heat? \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	kerosene	Total
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	19	18	67	1	105
		% within Main heating fuel	55.90%	47.40%	44.40%	50.00%	46.70%
	Boiler + Radiator + Hot Water (aka forced hot water)	Count	4	10	30	0	44
		% within Main heating fuel	11.80%	26.30%	19.90%	0.00%	19.60%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	3	3	40	0	46
		% within Main heating fuel	8.80%	7.90%	26.50%	0.00%	20.40%
	Boiler + Radiator + Steam	Count	1	2	3	0	6
		% within Main heating fuel	2.90%	5.30%	2.00%	0.00%	2.70%
	Radiator + DK (i.e., other components unknown)	Count	0	0	4	0	4
		% within Main heating fuel	0.00%	0.00%	2.60%	0.00%	1.80%

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

		Main heating fuel				
		electricity	oil	propane	wood	Total
Could Identify Fuel, But Not Equipment	Count	1	1	1	1	4
	% within Main heating fuel	2.90%	2.60%	0.70%	50.00%	1.80%
Other (please specify)	Count	3	1	1	0	5
	% within Main heating fuel	8.80%	2.60%	0.70%	0.00%	2.20%
DON'T KNOW	Count	1	1	5	0	7
	% within Main heating fuel	2.90%	2.60%	3.30%	0.00%	3.10%
REFUSAL	Count	2	2	0	0	4
	% within Main heating fuel	5.90%	5.30%	0.00%	0.00%	1.80%
Total	Count	34	38	151	2	225
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

SH4: What type of heating system is your main source of heat? \* Main heating fuel Crosstabulation

		Main heating fuel	
		electricity	Total
SH4: What type of heating system is your main source of heat?	Resistance (baseboard/ceiling/floor/wall)	Count	1
		% within Main heating fuel	25.00%
	Other system type (please specify)	Count	2
		% within Main heating fuel	50.00%
	DON'T KNOW	Count	1
		% within Main heating fuel	25.00%
Total	Count	4	
	% within Main heating fuel	100.00%	

SH5: Do you use cord wood or pellets? \* Main heating fuel Crosstabulation

		Main heating fuel	
		wood	Total
SH5: Do you use cord wood or pellets?	Cord wood	Count	36
		% within Main heating fuel	90.00%
	Pellets	Count	3
		% within Main heating fuel	7.50%
	REF	Count	1
		% within Main heating fuel	2.50%
Total	Count	40	
	% within Main heating fuel	100.00%	

SH6: When was the last time you had a tune-up or maintenance done on your main heating system? \* Main heating fuel Crosstabulation

	Main heating fuel						
	natural gas	electricity	propane	oil	kerosene	wood	Total

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

SH6: When was the last time you had a tune-up or maintenance done on your main heating system?	Within this past year	Count	16	1	16	125	1	21	180
		% within Main heating fuel	47.10%	25.00%	42.10%	82.80%	50.00%	52.50%	66.90%
About 1 to 2 years ago	Count	7	0	11	22	1	7	48	
	% within Main heating fuel	20.60%	0.00%	28.90%	14.60%	50.00%	17.50%	17.80%	
2 to 3 years ago	Count	3	0	3	1	0	3	10	
	% within Main heating fuel	8.80%	0.00%	7.90%	0.70%	0.00%	7.50%	3.70%	
More than 3 years ago	Count	3	1	2	1	0	1	8	
	% within Main heating fuel	8.80%	25.00%	5.30%	0.70%	0.00%	2.50%	3.00%	
DON'T KNOW	Count	5	2	6	2	0	8	23	
	% within Main heating fuel	14.70%	50.00%	15.80%	1.30%	0.00%	20.00%	8.60%	
Total	Count	34	4	38	151	2	40	269	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

SH7: About how old is your main heating system? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
SH7: About how old is your main heating system?	Under 5 years old	Count	13	0	15	37	1	8	74
		% within Main heating fuel	38.20%	0.00%	39.50%	24.50%	50.00%	20.00%	27.50%
5 to 10 years old (installed in the late 1990s to early 2000s)	Count	10	1	7	40	1	8	67	
	% within Main heating fuel	29.40%	25.00%	18.40%	26.50%	50.00%	20.00%	24.90%	
10 to 25 years old (say about 1980 to the late 1990s)	Count	5	0	14	47	0	13	79	
	% within Main heating fuel	14.70%	0.00%	36.80%	31.10%	0.00%	32.50%	29.40%	
25 to 40 years old (say about 1965 through 1980)	Count	3	3	0	14	0	3	23	
	% within Main heating fuel	8.80%	75.00%	0.00%	9.30%	0.00%	7.50%	8.60%	
more than 40 years old (say before 1965)	Count	1	0	0	8	0	2	11	
	% within Main heating fuel	2.90%	0.00%	0.00%	5.30%	0.00%	5.00%	4.10%	
DON'T KNOW	Count	2	0	2	5	0	6	15	
	% within Main heating fuel	5.90%	0.00%	5.30%	3.30%	0.00%	15.00%	5.60%	
Total	Count	34	4	38	151	2	40	269	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
SH8: So the system is fairly new. Did you specifically request that the new equipment be	Yes	Count	11	1	14	43	1	9	79
		% within Main heating fuel	47.80%	100.00%	63.60%	55.80%	50.00%	56.20%	56.00%
	No	Count	6	0	7	13	0	2	28
		% within Main heating fuel							

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

equipment be energy efficient?		% within Main heating fuel	26.10%	0.00%	31.80%	16.90%	0.00%	12.50%	19.90%
		Not applicable-someone else installed the equipment	Count	6	0	1	16	1	4
		% within Main heating fuel	26.10%	0.00%	4.50%	20.80%	50.00%	25.00%	19.90%
DON'T KNOW	Count	0	0	0	5	0	1	6	
		% within Main heating fuel	0.00%	0.00%	0.00%	6.50%	0.00%	6.20%	4.30%
Total	Count	23	1	22	77	2	16	141	
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

SH9: Is this system we've been talking about the only way you heat this home? \* Main heating fuel Crosstabulation

		Main heating fuel							
		natural gas	electricity	propane	oil	kerosene	wood	Total	
SH9: Is this system we've been talking about the only way you heat this home?	Yes	Count	29	1	25	94	1	9	159
		% within Main heating fuel	85.30%	25.00%	65.80%	62.30%	50.00%	22.50%	59.10%
	No	Count	5	3	13	57	1	31	110
		% within Main heating fuel	14.70%	75.00%	34.20%	37.70%	50.00%	77.50%	40.90%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

SH10: What type of fuel does the secondary heating system use? \* Main heating fuel Crosstabulation

		Main heating fuel							
		natural gas	electricity	propane	oil	kerosene	wood	Total	
SH10: What type of fuel does the secondary heating system use?	Natural gas purchased from	Count	1	1	0	1	0	2	5
		% within Main heating fuel	20.00%	33.30%	0.00%	1.80%	0.00%	6.50%	4.50%
	Electric	Count	1	0	4	3	0	7	15
		% within Main heating fuel	20.00%	0.00%	30.80%	5.30%	0.00%	22.60%	13.60%
	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Count	0	0	1	4	0	7	12
		% within Main heating fuel	0.00%	0.00%	7.70%	7.00%	0.00%	22.60%	10.90%
	Oil	Count	0	0	1	2	0	13	16
		% within Main heating fuel	0.00%	0.00%	7.70%	3.50%	0.00%	41.90%	14.50%
	Kerosene	Count	0	1	0	0	0	2	3
		% within Main heating fuel	0.00%	33.30%	0.00%	0.00%	0.00%	6.50%	2.70%
	Wood	Count	3	1	7	45	1	0	57
		% within Main heating fuel	60.00%	33.30%	53.80%	78.90%	100.00%	0.00%	51.80%
	Other (please specify)	Count	0	0	0	2	0	0	2
		% within Main heating fuel	0.00%	0.00%	0.00%	3.50%	0.00%	0.00%	1.80%
	Total	Count	5	3	13	57	1	31	110



Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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SH11: What type of heating system is your secondary source of heat? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	wood	Total
SH11: What type of heating system is your secondary source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	0	0	1	0	15	16
		% within Main heating fuel	0.00%	0.00%	50.00%	0.00%	62.50%	44.40%
	Boiler + Radiator + Hot Water (aka forced hot)	Count	0	0	0	0	1	1
		% within Main heating fuel	0.00%	0.00%	0.00%	0.00%	4.20%	2.80%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	0	0	0	1	5	6
		% within Main heating fuel	0.00%	0.00%	0.00%	14.30%	20.80%	16.70%
	Boiler + Radiator + Steam	Count	0	0	0	0	1	1
		% within Main heating fuel	0.00%	0.00%	0.00%	0.00%	4.20%	2.80%
	Baseboard	Count	0	1	0	0	0	1
		% within Main heating fuel	0.00%	50.00%	0.00%	0.00%	0.00%	2.80%
	Fireplace / Woodstove	Count	0	0	1	2	0	3
		% within Main heating fuel	0.00%	0.00%	50.00%	28.60%	0.00%	8.30%
	Other (please specify)	Count	1	0	0	1	1	3
		% within Main heating fuel	100.00%	0.00%	0.00%	14.30%	4.20%	8.30%
	DON'T KNOW	Count	0	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	14.30%	0.00%	2.80%
	REFUSAL	Count	0	1	0	2	1	4
		% within Main heating fuel	0.00%	50.00%	0.00%	28.60%	4.20%	11.10%
	Total	Count	1	2	2	7	24	36
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

SH12: What type of heating system is your secondary source of heat? \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	wood	Total
SH12: What type of heating system is your secondary source of heat?	Resistance (baseboard/ceiling/floor/wall)	Count	0	1	1	4	6
		% within Main heating fuel	0.00%	25.00%	33.30%	57.10%	40.00%
	Furnace: central forced air furnace (fan circulates air through ducts)	Count	0	0	0	1	1
		% within Main heating fuel	0.00%	0.00%	0.00%	14.30%	6.70%

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

	Heat Pump + Wall (through-the-wall-looks like AC, but provides heat)	Count	Main heating fuel				Total
			natural gas	electricity	propane	oil	
		0	0	0	1	1	
	% within Main heating fuel	0.00%	0.00%	0.00%	14.30%	6.70%	
	Portable heaters	0	2	0	0	2	
	% within Main heating fuel	0.00%	50.00%	0.00%	0.00%	13.30%	
	Could Identify Fuel, But Not Equipment	0	1	0	0	1	
	% within Main heating fuel	0.00%	25.00%	0.00%	0.00%	6.70%	
	DON'T KNOW	0	0	1	1	2	
	% within Main heating fuel	0.00%	0.00%	33.30%	14.30%	13.30%	
	REF	1	0	1	0	2	
	% within Main heating fuel	100.00%	0.00%	33.30%	0.00%	13.30%	
	Total	1	4	3	7	15	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	

SH13: Do you use cord wood or pellets? \* Main heating fuel Crosstabulation

			Main heating fuel					Total
			natural gas	electricity	propane	oil	kerosene	
SH13: Do you use cord wood or pellets?	Cord wood	Count	3	1	7	40	1	52
		% within Main heating fuel	100.00%	100.00%	100.00%	88.90%	100.00%	91.20%
	Pellets	Count	0	0	0	2	0	2
		% within Main heating fuel	0.00%	0.00%	0.00%	4.40%	0.00%	3.50%
	REF	Count	0	0	0	3	0	3
		% within Main heating fuel	0.00%	0.00%	0.00%	6.70%	0.00%	5.30%
Total	Count	3	1	7	45	1	57	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

SH14: Do you have a programmable thermostat? \* Main heating fuel Crosstabulation

			Main heating fuel						Total
			natural gas	electricity	propane	oil	kerosene	wood	
SH14: Do you have a programmable thermostat?	Yes	Count	26	0	26	77	1	14	144
		% within Main heating fuel	76.50%	0.00%	68.40%	51.00%	50.00%	35.00%	53.50%
	No	Count	8	4	12	73	1	26	124
		% within Main heating fuel	23.50%	100.00%	31.60%	48.30%	50.00%	65.00%	46.10%
	DON'T KNOW	Count	0	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	0.70%	0.00%	0.00%	0.40%
Total	Count	34	4	38	151	2	40	269	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

SH15: In the winter, what temperature do you typically set your thermostat to when you are at home?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	12	4.5	4.5	4.5
	0	3	1.1	1.1	5.6
	40	1	0.4	0.4	5.9
	45	1	0.4	0.4	6.3
	46	1	0.4	0.4	6.7
	48	1	0.4	0.4	7.1
	50	3	1.1	1.1	8.2
	52	1	0.4	0.4	8.6
	55	2	0.7	0.7	9.3
	58	4	1.5	1.5	10.8
	59	1	0.4	0.4	11.2
	60	12	4.5	4.5	15.6
	62	8	3	3	18.6
	63	5	1.9	1.9	20.4
	64	7	2.6	2.6	23
	65	30	11.2	11.2	34.2
	66	10	3.7	3.7	37.9
	67	17	6.3	6.3	44.2
	68	71	26.4	26.4	70.6
	69	4	1.5	1.5	72.1
	70	50	18.6	18.6	90.7
	71	1	0.4	0.4	91.1
	72	16	5.9	5.9	97
	73	1	0.4	0.4	97.4
	74	4	1.5	1.5	98.9
	75	1	0.4	0.4	99.3
76	1	0.4	0.4	99.6	
85	1	0.4	0.4	100	
Total		269	100	100	

SH16: Do you turn down the temperature at times such as at night or when you are not at home? \* Main heating fuel Crosstabulation

			Main heating fuel						Total
			natural gas	electricity	propane	oil	kerosene	wood	
SH16: Do you turn down the temperature at times such as at night or when you are not at home?	Yes	Count	25	2	28	113	2	19	189
		% within Main heating fuel	73.50%	50.00%	73.70%	74.80%	100.00%	47.50%	70.30%
	No	Count	9	2	9	38	0	15	73
		% within Main heating fuel	26.50%	50.00%	23.70%	25.20%	0.00%	37.50%	27.10%
	DON'T KNOW	Count	0	0	1	0	0	6	7
		% within Main heating fuel	0.00%	0.00%	2.60%	0.00%	0.00%	15.00%	2.60%
Total	Count	34	4	38	151	2	40	269	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

SC1: Do you have central air conditioning? \* Main heating fuel Crosstabulation

			Main heating fuel						Total
			natural gas	electricity	propane	oil	kerosene	wood	
SC1: Do you have	Yes	Count	7	0	8	21	0	3	39

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

central air conditioning?		% within Main heating fuel	20.60%	0.00%	21.10%	13.90%	0.00%	7.50%	14.50%
	No	Count	27	4	30	130	2	37	230
		% within Main heating fuel	79.40%	100.00%	78.90%	86.10%	100.00%	92.50%	85.50%
	Total	Count	34	4	38	151	2	40	269
% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

SC2: About how many of the days during the summer are you running your central air conditioner? \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	wood	Total
SC2: About how many of the days during the summer are you running your central air conditioner?	Every day or most days	Count	2	0	0	0	2
		% within Main heating fuel	28.60%	0.00%	0.00%	0.00%	5.10%
	Several days a week most weeks	Count	0	0	4	1	5
		% within Main heating fuel	0.00%	0.00%	19.00%	33.30%	12.80%
	Just the hottest days of the summer	Count	4	8	17	2	31
		% within Main heating fuel	57.10%	100.00%	81.00%	66.70%	79.50%
	DON'T KNOW	Count	1	0	0	0	1
		% within Main heating fuel	14.30%	0.00%	0.00%	0.00%	2.60%
	Total	Count	7	8	21	3	39
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

SC3: In the summer, what temperature do you typically set your cooling thermostat to when you are at home?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	65	1	0.4	2.6	2.6
	68	1	0.4	2.6	5.1
	69	1	0.4	2.6	7.7
	70	8	3	20.5	28.2
	71	1	0.4	2.6	30.8
	72	2	0.7	5.1	35.9
	74	6	2.2	15.4	51.3
	75	8	3	20.5	71.8
	76	2	0.7	5.1	76.9
	77	2	0.7	5.1	82.1
	78	5	1.9	12.8	94.9
	82	1	0.4	2.6	97.4
84	1	0.4	2.6	100	
	Total	39	14.5	100	
Missing	System	230	85.5		
Total		269	100		

SC4: Do you turn up the temperature at times such as at night or when you are not at home? \* Main heating fuel Crosstabulation

		Main heating fuel				
		natural gas	propane	oil	wood	Total

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

SC4: Do you turn up the temperature at times such as at night or when you are not at home?	Yes	Count	6	6	11	2	25
		% within Main heating fuel	85.70%	75.00%	52.40%	66.70%	64.10%
	No	Count	1	2	10	1	14
		% within Main heating fuel	14.30%	25.00%	47.60%	33.30%	35.90%
	Total	Count	7	8	21	3	39
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

SC5: Have you ever had a tune-up or maintenance done on your central air conditioning system? \* Main heating fuel Crosstabulation

		Main heating fuel					
		natural gas	propane	oil	wood	Total	
SC5: Have you ever had a tune-up or maintenance done on your central air conditioning system?	Yes	Count	5	5	10	2	22
		% within Main heating fuel	71.40%	62.50%	47.60%	66.70%	56.40%
	No	Count	2	3	10	0	15
		% within Main heating fuel	28.60%	37.50%	47.60%	0.00%	38.50%
	DON'T KNOW	Count	0	0	1	1	2
		% within Main heating fuel	0.00%	0.00%	4.80%	33.30%	5.10%
	Total	Count	7	8	21	3	39
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

SC6: When was the last time you had a tune-up or maintenance done? \* Main heating fuel Crosstabulation

		Main heating fuel					
		natural gas	propane	oil	wood	Total	
SC6: When was the last time you had a tune-up or maintenance done?	Within this past year	Count	4	3	7	0	14
		% within Main heating fuel	80.00%	60.00%	70.00%	0.00%	63.60%
	The year before that	Count	0	1	2	0	3
		% within Main heating fuel	0.00%	20.00%	20.00%	0.00%	13.60%
	2 to 3 years ago	Count	0	1	1	1	3
		% within Main heating fuel	0.00%	20.00%	10.00%	50.00%	13.60%
	More than 3 years ago	Count	1	0	0	1	2
		% within Main heating fuel	20.00%	0.00%	0.00%	50.00%	9.10%
	Total	Count	5	5	10	2	22
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

SC7: How many room air conditioners do you typically have plugged in, if any?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	113	42	42
	1	65	24.2	66.2
	2	57	21.2	87.4
	3	19	7.1	94.4

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

	4	8	3	3	97.4
	5	5	1.9	1.9	99.3
	6	1	0.4	0.4	99.6
	7	1	0.4	0.4	100
Total		269	100	100	

SC8: What is the typical temperature setting for you room air conditioner(s)when you are at home?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	21	7.8	13.5	13.5
	NOT APPLICABLE - CANNOT SET TEMPERATURE	15	5.6	9.6	23.1
	50	1	0.4	0.6	23.7
	60	8	3	5.1	28.8
	62	1	0.4	0.6	29.5
	63	1	0.4	0.6	30.1
	65	10	3.7	6.4	36.5
	66	7	2.6	4.5	41
	67	2	0.7	1.3	42.3
	68	24	8.9	15.4	57.7
	69	4	1.5	2.6	60.3
	70	24	8.9	15.4	75.6
	72	16	5.9	10.3	85.9
	73	4	1.5	2.6	88.5
	74	5	1.9	3.2	91.7
	75	9	3.3	5.8	97.4
	76	1	0.4	0.6	98.1
78	2	0.7	1.3	99.4	
80	1	0.4	0.6	100	
Total		156	58	100	
Missing	System	113	42		
Total		269	100		

SC9: About how many of the days during the summer are you running your room air conditioners? \* Main heating fuel Crosstabulation

		Main heating fuel							
		natural gas	electricity	propane	oil	kerosene	wood	Total	
SC9: About how many of the days during the summer are you running your room air conditioners?	Every day or most days	Count	2	0	1	3	0	2	8
		% within Main heating fuel	9.50%	0.00%	4.50%	3.30%	0.00%	11.80%	5.10%
	Several days a week or most weeks	Count	2	0	0	7	0	1	10
		% within Main heating fuel	9.50%	0.00%	0.00%	7.60%	0.00%	5.90%	6.40%
	Just the hottest days of the summer	Count	16	2	19	82	2	14	135
		% within Main heating fuel	76.20%	100.00%	86.40%	89.10%	100.00%	82.40%	86.50%
	DON'T KNOW	Count	1	0	2	0	0	0	3
		% within Main heating fuel	4.80%	0.00%	9.10%	0.00%	0.00%	0.00%	1.90%
	Total	Count	21	2	22	92	2	17	156
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

WH1: What is the main fuel you use to heat water? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
WH1: What is the main fuel you use to heat water?	Natural gas [CONFIRM: IS IT PIPED AND METERED?]	Count	32	0	1	1	0	2	36
		% within Main heating fuel	94.10%	0.00%	2.60%	0.70%	0.00%	5.00%	13.40%
	Electric	Count	1	2	3	35	0	19	60
		% within Main heating fuel	2.90%	50.00%	7.90%	23.20%	0.00%	47.50%	22.30%
	Oil	Count	0	0	0	100	0	6	106
		% within Main heating fuel	0.00%	0.00%	0.00%	66.20%	0.00%	15.00%	39.40%
	Kerosene	Count	0	0	0	0	2	0	2
		% within Main heating fuel	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.70%
	Propane or bottled gas [CONFIRM: DELIVERED BY TRUCK?]	Count	1	1	33	14	0	11	60
		% within Main heating fuel	2.90%	25.00%	86.80%	9.30%	0.00%	27.50%	22.30%
	Wood	Count	0	0	0	0	0	2	2
		% within Main heating fuel	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.70%
	DON'T KNOW	Count	0	1	1	1	0	0	3
		% within Main heating fuel	0.00%	25.00%	2.60%	0.70%	0.00%	0.00%	1.10%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

WH2: What type of system is your main water heater? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
WH2: What type of system is your main water heater?	Traditional water heater tank	Count	27	3	26	87	0	27	170
		% within Main heating fuel	79.40%	75.00%	68.40%	57.60%	0.00%	67.50%	63.20%
	Whole house tankless system running off boiler	Count	2	0	6	48	2	9	67
		% within Main heating fuel	5.90%	0.00%	15.80%	31.80%	100.00%	22.50%	24.90%
	Whole house on-demand system-water is heated centrally as you use it	Count	1	0	3	4	0	2	10
		% within Main heating fuel	2.90%	0.00%	7.90%	2.60%	0.00%	5.00%	3.70%
	or something else? (specify)	Count	0	0	0	2	0	0	2
		% within Main heating fuel	0.00%	0.00%	0.00%	1.30%	0.00%	0.00%	0.70%
	DON'T KNOW	Count	4	1	3	10	0	2	20
		% within Main heating fuel	11.80%	25.00%	7.90%	6.60%	0.00%	5.00%	7.40%

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

	Total	34	4	38	151	2	40	269
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**WH3: When running hot water only, can you hold your hand under the hot water for more than a moment without being scalded? \***  
Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
WH3: When running hot water only, can you hold your hand under the hot water for more than a moment without being scalded?	Yes	Count	25	2	27	104	1	32	191
		% within Main heating fuel	73.50%	50.00%	71.10%	68.90%	50.00%	80.00%	71.00%
	No	Count	8	1	9	44	1	8	71
		% within Main heating fuel	23.50%	25.00%	23.70%	29.10%	50.00%	20.00%	26.40%
	DON'T KNOW	Count	1	1	2	3	0	0	7
		% within Main heating fuel	2.90%	25.00%	5.30%	2.00%	0.00%	0.00%	2.60%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**WH4: Are you using water-saving devices such as faucet aerators in this home? \* Main heating fuel Crosstabulation**

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
WH4: Are you using water-saving devices such as faucet aerators in this home?	Yes	Count	20	2	24	81	0	21	148
		% within Main heating fuel	58.80%	50.00%	63.20%	53.60%	0.00%	52.50%	55.00%
	No	Count	13	2	12	66	2	17	112
		% within Main heating fuel	38.20%	50.00%	31.60%	43.70%	100.00%	42.50%	41.60%
	DON'T KNOW	Count	1	0	2	4	0	2	9
		% within Main heating fuel	2.90%	0.00%	5.30%	2.60%	0.00%	5.00%	3.30%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**WH5: Does this home have an indoor Jacuzzi or spa-type tub? \* Main heating fuel Crosstabulation**

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
WH5: Does this home have an indoor Jacuzzi or spa-type tub?	Yes	Count	3	0	10	15	0	3	31
		% within Main heating fuel	8.80%	0.00%	26.30%	9.90%	0.00%	7.50%	11.50%
	No	Count	31	4	28	136	2	37	238
		% within Main heating fuel	91.20%	100.00%	73.70%	90.10%	100.00%	92.50%	88.50%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

WH6: Approximately how many times a month do you use the Jacuzzi or spa tub?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	11	4.1	35.5	35.5
	1	8	3	25.8	61.3
	2	2	0.7	6.5	67.7
	4	3	1.1	9.7	77.4
	6	1	0.4	3.2	80.6
	10	3	1.1	9.7	90.3
	12	2	0.7	6.5	96.8
	30	1	0.4	3.2	100
Total		31	11.5	100	
Missing	System	238	88.5		
Total		269	100		

CW1: Do you own a clothes washer? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
CW1: Do you own a clothes washer?	Yes	Count	33	3	37	147	2	36	258
		% within Main heating fuel	97.10%	75.00%	97.40%	97.40%	100.00%	90.00%	95.90%
	No	Count	1	1	1	4	0	4	11
		% within Main heating fuel	2.90%	25.00%	2.60%	2.60%	0.00%	10.00%	4.10%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

CW2: Is your clothes washer a top loading or front loading model? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
CW2: Is your clothes washer a top loading or front loading model?	Top loading	Count	27	3	24	117	0	27	198
		% within Main heating fuel	81.80%	100.00%	64.90%	79.60%	0.00%	75.00%	76.70%
	Front loading	Count	6	0	12	30	2	9	59
		% within Main heating fuel	18.20%	0.00%	32.40%	20.40%	100.00%	25.00%	22.90%
	DON'T KNOW	Count	0	0	1	0	0	0	1
		% within Main heating fuel	0.00%	0.00%	2.70%	0.00%	0.00%	0.00%	0.40%
Total	Count	33	3	37	147	2	36	258	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

CW3: Do you own a clothes dryer? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
CW3: Do you own a clothes dryer?	Yes	Count	32	3	36	142	2	33	248
		% within Main heating fuel	94.10%	75.00%	94.70%	94.00%	100.00%	82.50%	92.20%
	No	Count	2	1	2	9	0	7	21

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	5.90%	25.00%	5.30%	6.00%	0.00%	17.50%	7.80%
Total	Count		34	4	38	151	2	40	269
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

CW4: Is that an electric dryer or a gas dryer? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
CW4: Is that an electric dryer or a gas dryer?	Electric	Count	21	2	28	127	2	29	209
		% within Main heating fuel	65.60%	66.70%	77.80%	89.40%	100.00%	87.90%	84.30%
	Gas	Count	11	1	8	15	0	4	39
		% within Main heating fuel	34.40%	33.30%	22.20%	10.60%	0.00%	12.10%	15.70%
	Total	Count	32	3	36	142	2	33	248
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

CW5: About how many loads of laundry per week do you typically do?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-9	8	3	3.1	3.1
	0	2	0.7	0.8	3.9
	1	21	7.8	8.1	12
	2	33	12.3	12.7	24.7
	3	46	17.1	17.8	42.5
	4	37	13.8	14.3	56.8
	5	37	13.8	14.3	71
	6	17	6.3	6.6	77.6
	7	13	4.8	5	82.6
	8	11	4.1	4.2	86.9
	9	4	1.5	1.5	88.4
	10	14	5.2	5.4	93.8
	12	4	1.5	1.5	95.4
	14	3	1.1	1.2	96.5
	15	5	1.9	1.9	98.5
	16	2	0.7	0.8	99.2
25	1	0.4	0.4	99.6	
40	1	0.4	0.4	100	
Total		259	96.3	100	
Missing	System	10	3.7		
Total		269	100		

CW6: How often do you use line drying throughout the year? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
CW6: How often do you use line drying throughout the year?	Never	Count	19	2	19	64	2	17	123
		% within Main heating fuel	57.60%	66.70%	51.40%	43.20%	100.00%	47.20%	47.50%
	Rarely	Count	1	0	2	14	0	1	18
		% within Main heating fuel							

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	3.00%	0.00%	5.40%	9.50%	0.00%	2.80%	6.90%
Occasionally	Count		5	1	9	34	0	8	57
	% within Main heating fuel		15.20%	33.30%	24.30%	23.00%	0.00%	22.20%	22.00%
Most of the time	Count		5	0	5	24	0	7	41
	% within Main heating fuel		15.20%	0.00%	13.50%	16.20%	0.00%	19.40%	15.80%
Always or almost always	Count		3	0	2	12	0	3	20
	% within Main heating fuel		9.10%	0.00%	5.40%	8.10%	0.00%	8.30%	7.70%
Total	Count		33	3	37	148	2	36	259
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

R1: How many refrigerators do you have plugged in?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	194	72.1	72.1	72.1
	2	65	24.2	24.2	96.3
	3	9	3.3	3.3	99.6
	4	1	0.4	0.4	100
	Total	269	100	100	

R2: How many stand-alone freezers do you have plugged in?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	163	60.6	60.6	60.6
	1	101	37.5	37.5	98.1
	2	4	1.5	1.5	99.6
	4	1	0.4	0.4	100
	Total	269	100	100	

D1: Do you have a dishwasher? \* Main heating fuel Crosstabulation

			Main heating fuel						Total
			natural gas	electricity	propane	oil	kerosene	wood	
D1: Do you have a dishwasher?	Yes	Count	26	2	33	114	2	22	199
		% within Main heating fuel	76.50%	50.00%	86.80%	75.50%	100.00%	55.00%	74.00%
	No	Count	8	2	5	37	0	18	70
		% within Main heating fuel	23.50%	50.00%	13.20%	24.50%	0.00%	45.00%	26.00%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

D2: How many loads of dishes per week do you typically do?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	1	0.4	0.5	0.5
	0	17	6.3	8.5	9
	1	24	8.9	12.1	21.1
	2	30	11.2	15.1	36.2

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

	3	45	16.7	22.6	58.8
	4	27	10	13.6	72.4
	5	20	7.4	10.1	82.4
	6	7	2.6	3.5	85.9
	7	21	7.8	10.6	96.5
	8	2	0.7	1	97.5
	10	2	0.7	1	98.5
	14	3	1.1	1.5	100
	Total	199	74	100	
Missing	System	70	26		
Total		269	100		

DH1: How many dehumidifiers do you have plugged in, if any?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	1	0.4	0.4	0.4
	0	197	73.2	73.2	73.6
	1	70	26	26	99.6
	2	1	0.4	0.4	100
	Total	269	100	100	

DH2: About what percentage of the year would you say you use your dehumidifier?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	2	0.7	2.8	2.8
	0	1	0.4	1.4	4.2
	5	3	1.1	4.2	8.3
	10	3	1.1	4.2	12.5
	13	1	0.4	1.4	13.9
	15	1	0.4	1.4	15.3
	17	1	0.4	1.4	16.7
	20	4	1.5	5.6	22.2
	25	20	7.4	27.8	50
	30	7	2.6	9.7	59.7
	33	3	1.1	4.2	63.9
	40	6	2.2	8.3	72.2
	49	1	0.4	1.4	73.6
	50	7	2.6	9.7	83.3
	58	1	0.4	1.4	84.7
	60	3	1.1	4.2	88.9
	75	1	0.4	1.4	90.3
	100	7	2.6	9.7	100
	Total	72	26.8	100	
Missing	System	197	73.2		
Total		269	100		

HT1: Do you have an outdoor hot tub at this home? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
HT1: Do you have	Yes	Count	1	1	2	9	1	1	15

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

an outdoor hot tub at this home?		% within Main heating fuel	2.90%	25.00%	5.30%	6.00%	50.00%	2.50%	5.60%
	No	Count	33	3	36	142	1	39	254
		% within Main heating fuel	97.10%	75.00%	94.70%	94.00%	50.00%	97.50%	94.40%
	Total	Count	34	4	38	151	2	40	269
% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

HT2: How often do you heat the hot tub water in the winter? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
HT2: How often do you heat the hot tub water in the winter?	It's continually heated	Count	1	0	2	4	1	0	8
		% within Main heating fuel	100.00%	0.00%	100.00%	44.40%	100.00%	0.00%	53.30%
	It's never heated	Count	0	0	0	4	0	0	4
		% within Main heating fuel	0.00%	0.00%	0.00%	44.40%	0.00%	0.00%	26.70%
	3 to 8 times a month	Count	0	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	11.10%	0.00%	0.00%	6.70%
	9 or more times a month	Count	0	0	0	0	0	1	1
		% within Main heating fuel	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	6.70%
	DON'T KNOW	Count	0	1	0	0	0	0	1
		% within Main heating fuel	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	6.70%
	Total	Count	1	1	2	9	1	1	15
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

HT3: What fuel do you use to heat the hot tub? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
HT3: What fuel do you use to heat the hot tub?	Standard Electric heater	Count	1	0	2	7	1	1	12
		% within Main heating fuel	100.00%	0.00%	100.00%	77.80%	100.00%	100.00%	80.00%
	Natural gas	Count	0	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	11.10%	0.00%	0.00%	6.70%
	Bottled gas or propane	Count	0	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	11.10%	0.00%	0.00%	6.70%
	Electric heat pump	Count	0	1	0	0	0	0	1
		% within Main heating fuel	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	6.70%
	Total	Count	1	1	2	9	1	1	15
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

HT4: Do you heat the water on a timer? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
HT4: Do you heat	Yes	Count	1	1	0	5	0	0	7

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	100.00%	100.00%	0.00%	55.60%	0.00%	0.00%	46.70%
the water on a timer?	No	Count	0	0	2	3	1	1	7
		% within Main heating fuel	0.00%	0.00%	100.00%	33.30%	100.00%	100.00%	46.70%
	DON'T KNOW	Count	0	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	11.10%	0.00%	0.00%	6.70%
	Total	Count	1	1	2	9	1	1	15
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

HT5: Do you use a hot tub cover? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
HT5: Do you use a hot tub cover?	Yes	Count	1	1	2	8	1	1	14
		% within Main heating fuel	100.00%	100.00%	100.00%	88.90%	100.00%	100.00%	93.30%
	No	Count	0	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	11.10%	0.00%	0.00%	6.70%
	Total	Count	1	1	2	9	1	1	15
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

HT6: Does this home have a heated pool? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
HT6: Does this home have a heated pool?	Yes	Count	0	0	0	0	0	2	2
		% within Main heating fuel	0.00%	0.00%	0.00%	0.00%	0.00%	5.30%	0.80%
	No	Count	34	4	38	150	2	36	264
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	94.70%	99.20%
	Total	Count	34	4	38	150	2	38	266
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

HT7: What fuel do you use to heat the pool? \* Main heating fuel Crosstabulation

			Main heating fuel	
			wood	Total
HT7: What fuel do you use to heat the pool?	Bottled gas or propane	Count	1	1
		% within Main heating fuel	50.00%	50.00%
	Or something else (specify)	Count	1	1
		% within Main heating fuel	50.00%	50.00%
	Total	Count	2	2
		% within Main heating fuel	100.00%	100.00%

TC1A: Please tell me how many Conventional TVs you have

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	1	0.4	0.4	0.4
	0	35	13	13	13.4
	1	75	27.9	27.9	41.3
	2	89	33.1	33.1	74.3
	3	43	16	16	90.3
	4	15	5.6	5.6	95.9
	5	6	2.2	2.2	98.1
	6	4	1.5	1.5	99.6
	7	1	0.4	0.4	100
Total		269	100	100	

TC1B: Please tell me how many plasma screens you have.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	2	0.7	0.7	0.7
	0	226	84	84	84.8
	1	30	11.2	11.2	95.9
	2	8	3	3	98.9
	3	2	0.7	0.7	99.6
	4	1	0.4	0.4	100
Total		269	100	100	

TC1C: Please tell me how many LCD screens you have.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	1	0.4	0.4	0.4
	0	206	76.6	76.6	77
	1	43	16	16	92.9
	2	15	5.6	5.6	98.5
	3	2	0.7	0.7	99.3
	4	2	0.7	0.7	100
Total		269	100	100	

TC2: How many computers do you have plugged in on a typical day?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	56	20.8	20.8	20.8
	1	135	50.2	50.2	71
	2	54	20.1	20.1	91.1
	3	11	4.1	4.1	95.2
	4	5	1.9	1.9	97
	5	6	2.2	2.2	99.3
	6	1	0.4	0.4	99.6
	7	1	0.4	0.4	100
Total		269	100	100	

TC3\_1: Which of the following describe what usually happens when you are done using a computer.|1 \* Main heating fuel Crosstabulation

	Main heating fuel
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Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

			natural gas	electricity	propane	oil	kerosene	wood	Total
TC3_1: Which of the following describe what usually happens when you are done using a computer.1	leave it on so it will be ready the next time you want to use it	Count	9	0	4	13	0	3	29
		% within Main heating fuel	30.00%	0.00%	12.10%	10.80%	0.00%	12.00%	13.60%
	put it in sleep mode	Count	7	0	9	34	1	6	57
		% within Main heating fuel	23.30%	0.00%	27.30%	28.30%	50.00%	24.00%	26.80%
	power down the computer	Count	11	1	17	60	1	15	105
		% within Main heating fuel	36.70%	33.30%	51.50%	50.00%	50.00%	60.00%	49.30%
	turn off the monitor of a personal	Count	1	0	3	10	0	1	15
		% within Main heating fuel	3.30%	0.00%	9.10%	8.30%	0.00%	4.00%	7.00%
	plug in if a laptop	Count	1	1	0	2	0	0	4
		% within Main heating fuel	3.30%	33.30%	0.00%	1.70%	0.00%	0.00%	1.90%
	DON'T KNOW"	Count	1	1	0	1	0	0	3
		% within Main heating fuel	3.30%	33.30%	0.00%	0.80%	0.00%	0.00%	1.40%
	Total	Count	30	3	33	120	2	25	213
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

TC3\_2: Which of the following describe what usually happens when you are done using a computer.12 \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	wood	Total
TC3_2: Which of the following describe what usually happens when you are done using a computer.12	leave it on so it will be ready the next time you want to use it	Count	0	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	5.30%	0.00%	2.60%
	put it in sleep mode	Count	4	0	0	4	2	10
		% within Main heating fuel	44.40%	0.00%	0.00%	21.10%	28.60%	25.60%
	power down the computer	Count	1	1	2	4	1	9
		% within Main heating fuel	11.10%	100.00%	66.70%	21.10%	14.30%	23.10%
	turn off the monitor of a personal	Count	4	0	1	8	3	16
		% within Main heating fuel	44.40%	0.00%	33.30%	42.10%	42.90%	41.00%
	plug in if a laptop	Count	0	0	0	2	1	3
		% within Main heating fuel	0.00%	0.00%	0.00%	10.50%	14.30%	7.70%
	Total	Count	9	1	3	19	7	39
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

TC3\_3: Which of the following describe what usually happens when you are done using a computer.13 \* Main heating fuel Crosstabulation

		Main heating fuel		
		natural gas	oil	Total



Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

TC3_3: Which of the following describe what usually happens when you are done using a computer. 3	leave it on so it will be ready the next time you want to use it	Count	0	1	1
		% within Main heating fuel	0.00%	33.30%	16.70%
	power down the computer	Count	0	1	1
		% within Main heating fuel	0.00%	33.30%	16.70%
	turn off the monitor of a personal	Count	3	0	3
		% within Main heating fuel	100.00%	0.00%	50.00%
	plug in if a laptop	Count	0	1	1
		% within Main heating fuel	0.00%	33.30%	16.70%
Total		Count	3	3	6
		% within Main heating fuel	100.00%	100.00%	100.00%

TC3\_4: Which of the following describe what usually happens when you are done using a computer.|4 \* Main heating fuel Crosstabulation

		Main heating fuel			
		natural gas	oil	Total	
TC3_4: Which of the following describe what usually happens when you are done using a computer. 4	turn off the monitor of a personal	Count	0	1	1
		% within Main heating fuel	0.00%	100.00%	50.00%
	plug in if a laptop	Count	1	0	1
		% within Main heating fuel	100.00%	0.00%	50.00%
Total		Count	1	1	2
		% within Main heating fuel	100.00%	100.00%	100.00%

TC3\_5: Which of the following describe what usually happens when you are done using a computer.|5 \* Main heating fuel Crosstabulation

		Main heating fuel		
		oil	Total	
TC3_5: Which of the following describe what usually happens when you are done using a computer. 5	plug in if a laptop	Count	1	1
		% within Main heating fuel	100.00%	100.00%
Total		Count	1	1
		% within Main heating fuel	100.00%	100.00%

L1: Are you familiar with a compact fluorescent light bulb, sometimes referred to as a CFL bulb? \* Main heating fuel Crosstabulation

		Main heating fuel							
		natural gas	electricity	propane	oil	kerosene	wood	Total	
L1: Are you familiar with a compact fluorescent light bulb, sometimes referred to as a CFL	Yes	Count	32	4	38	143	2	33	252
		% within Main heating fuel	94.10%	100.00%	100.00%	94.70%	100.00%	82.50%	93.70%
	No	Count	2	0	0	8	0	7	17
		% within Main heating fuel							

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

referred to as a CFL bulb?		% within Main heating fuel	5.90%	0.00%	0.00%	5.30%	0.00%	17.50%	6.30%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

L2: CFL bulbs are small fluorescent bulbs that fit into regular light bulb sockets. Does this sound like something you've seen? \* Main heating fuel Crosstabulation

		Main heating fuel				
		natural gas	oil	wood	Total	
L2: CFL bulbs are small fluorescent bulbs that fit into regular light bulb sockets. Does this sound like something you've seen?	Yes	Count	2	5	5	12
		% within Main heating fuel	100.00%	62.50%	71.40%	70.60%
	No	Count	0	3	2	5
		% within Main heating fuel	0.00%	37.50%	28.60%	29.40%
	Total	Count	2	8	7	17
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%

L3: Do you currently have any of these bulbs installed in this home? \* Main heating fuel Crosstabulation

		Main heating fuel							
		natural gas	electricity	propane	oil	kerosene	wood	Total	
L3: Do you currently have any of these bulbs installed in this home?	Yes	Count	30	3	31	105	1	28	198
		% within Main heating fuel	88.20%	75.00%	81.60%	70.90%	50.00%	73.70%	75.00%
	No	Count	4	1	7	43	1	10	66
		% within Main heating fuel	11.80%	25.00%	18.40%	29.10%	50.00%	26.30%	25.00%
	Total	Count	34	4	38	148	2	38	264
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

L4A: REPORT ACTUAL NUMBER: About how many of these bulbs are currently installed in this home?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	1	0.4	0.9
	1	13	4.8	11.4
	2	14	5.2	12.3
	3	10	3.7	12.3
	4	18	6.7	15.8
	5	12	4.5	10.5
	6	6	2.2	5.3
	7	3	1.1	2.6
	8	8	3	7
	9	5	1.9	4.4
	10	9	3.3	7.9
	11	1	0.4	0.9
	12	3	1.1	2.6
	15	2	0.7	1.8
	16	1	0.4	0.9
	18	1	0.4	0.9

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	20	5	1.9	4.4	98.2
	25	2	0.7	1.8	100
	Total	114	42.4	100	
Missing	System	155	57.6		
Total		269	100		

L4B: REPORT PERCENTAGE: What percent of installed light bulbs in your home are currently CFL bulbs?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	10	1	0.4	1.2
	15	1	0.4	2.4
	20	1	0.4	3.7
	30	2	0.7	6.1
	35	1	0.4	7.3
	40	4	1.5	12.2
	50	19	7.1	23.2
	60	3	1.1	3.7
	65	1	0.4	1.2
	70	1	0.4	1.2
	75	7	2.6	8.5
	80	4	1.5	4.9
	85	2	0.7	2.4
	90	10	3.7	12.2
	95	3	1.1	3.7
98	1	0.4	1.2	
99	1	0.4	1.2	
100	20	7.4	24.4	
Total	82	30.5	100	
Missing	System	187	69.5	
Total		269	100	

L5\_1: When you purchased the CFL, did you:|1 \* Main heating fuel Crosstabulation

		Main heating fuel							
		natural gas	electricity	propane	oil	kerosene	wood	Total	
L5_1: When you purchased the CFL, did you: 1	receive an in store rebate	Count	11	1	5	21	0	5	43
		% within Main heating fuel	36.70%	33.30%	16.10%	20.00%	0.00%	17.90%	21.70%
	purchase it from NHSaves Lighting	Count	1	0	4	6	0	3	14
		% within Main heating fuel	3.30%	0.00%	12.90%	5.70%	0.00%	10.70%	7.10%
	none of the above	Count	17	2	14	68	1	18	120
		% within Main heating fuel	56.70%	66.70%	45.20%	64.80%	100.00%	64.30%	60.60%
	DON'T KNOW	Count	1	0	8	10	0	2	21
		% within Main heating fuel	3.30%	0.00%	25.80%	9.50%	0.00%	7.10%	10.60%
	Total	Count	30	3	31	105	1	28	198
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

L5\_2: When you purchased the CFL, did you:|2 \* Main heating fuel Crosstabulation

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

			Main heating fuel	
			oil	Total
L5_2: When you purchased the CFL, did you:  2	purchase it from NHSaves Lighting	Count	2	2
		% within Main heating fuel	100.00%	100.00%
	Total	Count	2	2
		% within Main heating fuel	100.00%	100.00%

PP1: Have you remodeled any portion of this home in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP1: Have you remodeled any portion of this home in the last five years?	Yes	Count	16	2	12	61	2	16	109
		% within Main heating fuel	47.10%	50.00%	31.60%	40.40%	100.00%	40.00%	40.50%
	No	Count	18	2	26	90	0	24	160
		% within Main heating fuel	52.90%	50.00%	68.40%	59.60%	0.00%	60.00%	59.50%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP2: Did you specifically consider or include energy efficient features? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP2: Did you specifically consider or include energy efficient features?	Yes	Count	10	1	9	42	2	8	72
		% within Main heating fuel	62.50%	50.00%	75.00%	68.90%	100.00%	50.00%	66.10%
	No	Count	6	1	3	17	0	6	33
		% within Main heating fuel	37.50%	50.00%	25.00%	27.90%	0.00%	37.50%	30.30%
	DON'T KNOW	Count	0	0	0	2	0	2	4
		% within Main heating fuel	0.00%	0.00%	0.00%	3.30%	0.00%	12.50%	3.70%
Total	Count	16	2	12	61	2	16	109	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

PP3: Do you plan on remodeling any portion of this home in the next 12 months? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP3: Do you plan on remodeling any portion of this home in the next 12 months?	Yes	Count	9	1	4	26	1	10	51
		% within Main heating fuel	26.50%	25.00%	10.50%	17.20%	50.00%	25.00%	19.00%
	No	Count	23	2	33	122	1	27	208
		% within Main heating fuel	67.60%	50.00%	86.80%	80.80%	50.00%	67.50%	77.30%
	DON'T KNOW	Count	2	1	1	3	0	3	10
		% within Main heating fuel	5.90%	25.00%	2.60%	2.00%	0.00%	7.50%	3.70%
Total	Count	34	4	38	151	2	40	269	

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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PP4: Do you specifically plan to include energy efficient features when remodeling? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP4: Do you specifically plan to include energy efficient features when remodeling?	Yes	Count	8	1	4	24	1	10	48
		% within Main heating fuel	88.90%	100.00%	100.00%	92.30%	100.00%	100.00%	94.10%
	No	Count	1	0	0	0	0	0	1
		% within Main heating fuel	11.10%	0.00%	0.00%	0.00%	0.00%	0.00%	2.00%
	DON'T KNOW	Count	0	0	0	2	0	0	2
		% within Main heating fuel	0.00%	0.00%	0.00%	7.70%	0.00%	0.00%	3.90%
	Total	Count	9	1	4	26	1	10	51
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP5: How much attention would you say you and your household pays to controlling energy costs? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP5: How much attention would you say you and your household pays to controlling energy costs?	Substantial attention to these matters	Count	22	2	26	93	1	27	171
		% within Main heating fuel	64.70%	50.00%	68.40%	61.60%	50.00%	67.50%	63.60%
	Some attention	Count	10	2	9	49	1	11	82
		% within Main heating fuel	29.40%	50.00%	23.70%	32.50%	50.00%	27.50%	30.50%
	Very little attention	Count	2	0	1	8	0	2	13
		% within Main heating fuel	5.90%	0.00%	2.60%	5.30%	0.00%	5.00%	4.80%
	No attention at all	Count	0	0	1	0	0	0	1
		% within Main heating fuel	0.00%	0.00%	2.60%	0.00%	0.00%	0.00%	0.40%
	DON'T KNOW	Count	0	0	1	1	0	0	2
		% within Main heating fuel	0.00%	0.00%	2.60%	0.70%	0.00%	0.00%	0.70%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP6: Are you familiar with the Energy Star logo? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP6: Are you familiar with the Energy Star logo?	Yes	Count	33	4	33	128	2	30	230
		% within Main heating fuel	97.10%	100.00%	86.80%	84.80%	100.00%	75.00%	85.50%
	No	Count	1	0	5	20	0	10	36
		% within Main heating fuel	2.90%	0.00%	13.20%	13.20%	0.00%	25.00%	13.40%
	DON'T KNOW	Count	0	0	0	3	0	0	3
		% within Main heating fuel							

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	0.00%	0.00%	0.00%	2.00%	0.00%	0.00%	1.10%
Total	Count		34	4	38	151	2	40	269
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7A\_1: Have you purchased central air conditioning in the last five years? \* Main heating fuel Crosstabulation

		Main heating fuel					
			natural gas	propane	oil	wood	Total
PP7A_1: Have you purchased central air conditioning in the last five years?	Yes	Count	2	4	8	0	14
		% within Main heating fuel	28.60%	50.00%	38.10%	0.00%	35.90%
	No	Count	5	4	13	3	25
		% within Main heating fuel	71.40%	50.00%	61.90%	100.00%	64.10%
	Total	Count	7	8	21	3	39
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

PP7B\_1: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

		Main heating fuel				
			natural gas	propane	oil	Total
PP7B_1: Does the equipment currently have an Energy Star Logo?	Yes	Count	0	3	2	5
		% within Main heating fuel	0.00%	75.00%	25.00%	35.70%
	No	Count	1	1	0	2
		% within Main heating fuel	50.00%	25.00%	0.00%	14.30%
	DON'T KNOW	Count	1	0	6	7
		% within Main heating fuel	50.00%	0.00%	75.00%	50.00%
Total	Count	2	4	8	14	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	

PP7A\_2: Have you purchased a room air conditioning unit in the last five years? \* Main heating fuel Crosstabulation

		Main heating fuel							
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP7A_2: Have you purchased a room air conditioning unit in the last five years?	Yes	Count	13	1	13	65	2	9	103
		% within Main heating fuel	61.90%	50.00%	59.10%	70.70%	100.00%	52.90%	66.00%
	No	Count	8	1	9	26	0	8	52
		% within Main heating fuel	38.10%	50.00%	40.90%	28.30%	0.00%	47.10%	33.30%
	DON'T KNOW	Count	0	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	1.10%	0.00%	0.00%	0.60%
Total	Count	21	2	22	92	2	17	156	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

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PP7B\_2: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP7B_2: Does the equipment currently have an Energy Star Logo?	Yes	Count	12	0	8	52	1	7	80
		% within Main heating fuel	92.30%	0.00%	61.50%	80.00%	50.00%	77.80%	77.70%
	No	Count	1	0	5	6	0	2	14
		% within Main heating fuel	7.70%	0.00%	38.50%	9.20%	0.00%	22.20%	13.60%
	DON'T KNOW	Count	0	1	0	7	1	0	9
		% within Main heating fuel	0.00%	100.00%	0.00%	10.80%	50.00%	0.00%	8.70%
Total	Count	13	1	13	65	2	9	103	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

PP7A\_3: Have you purchased a water Heater in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP7A_3: Have you purchased a water Heater in the last five years?	Yes	Count	14	2	15	17	1	17	66
		% within Main heating fuel	41.20%	50.00%	39.50%	11.30%	50.00%	42.50%	24.50%
	No	Count	20	2	22	131	1	23	199
		% within Main heating fuel	58.80%	50.00%	57.90%	86.80%	50.00%	57.50%	74.00%
	DON'T KNOW	Count	0	0	1	3	0	0	4
		% within Main heating fuel	0.00%	0.00%	2.60%	2.00%	0.00%	0.00%	1.50%
Total	Count	34	4	38	151	2	40	269	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

PP7B\_3: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP7B_3: Does the equipment currently have an Energy Star Logo?	Yes	Count	9	2	11	15	0	7	44
		% within Main heating fuel	64.30%	100.00%	73.30%	88.20%	0.00%	41.20%	66.70%
	No	Count	1	0	2	1	0	8	12
		% within Main heating fuel	7.10%	0.00%	13.30%	5.90%	0.00%	47.10%	18.20%
	DON'T KNOW	Count	4	0	2	1	1	2	10
		% within Main heating fuel	28.60%	0.00%	13.30%	5.90%	100.00%	11.80%	15.20%
Total	Count	14	2	15	17	1	17	66	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

PP7A\_4: Have you purchased a refrigerator in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	wood

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PP7A_4: Have you purchased a refrigerator in the last five years?	Yes	Count	12	1	18	66	0	19	116
		% within Main heating fuel	35.30%	25.00%	47.40%	43.70%	0.00%	47.50%	43.10%
	No	Count	22	3	20	85	2	21	153
		% within Main heating fuel	64.70%	75.00%	52.60%	56.30%	100.00%	52.50%	56.90%
Total		Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7B\_4: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

		Main heating fuel						
		natural gas	electricity	propane	oil	wood	Total	
PP7B_4: Does the equipment currently have an Energy Star Logo?	Yes	Count	12	1	16	55	14	98
		% within Main heating fuel	100.00%	100.00%	88.90%	83.30%	73.70%	84.50%
	No	Count	0	0	1	8	5	14
		% within Main heating fuel	0.00%	0.00%	5.60%	12.10%	26.30%	12.10%
DON'T KNOW		Count	0	0	1	3	0	4
		% within Main heating fuel	0.00%	0.00%	5.60%	4.50%	0.00%	3.40%
Total		Count	12	1	18	66	19	116
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7A\_5: Have you purchased a stand-alone freezer in the last five years? \* Main heating fuel Crosstabulation

		Main heating fuel							
		natural gas	electricity	propane	oil	kerosene	wood	Total	
PP7A_5: Have you purchased a stand-alone freezer in the last five years?	Yes	Count	4	0	4	15	1	5	29
		% within Main heating fuel	36.40%	0.00%	25.00%	23.40%	100.00%	41.70%	27.40%
	No	Count	7	2	12	49	0	7	77
		% within Main heating fuel	63.60%	100.00%	75.00%	76.60%	0.00%	58.30%	72.60%
Total		Count	11	2	16	64	1	12	106
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7B\_5: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

		Main heating fuel						
		natural gas	propane	oil	kerosene	wood	Total	
PP7B_5: Does the equipment currently have an Energy Star Logo?	Yes	Count	3	2	12	1	3	21
		% within Main heating fuel	75.00%	50.00%	80.00%	100.00%	60.00%	72.40%
	No	Count	1	1	3	0	2	7
		% within Main heating fuel	25.00%	25.00%	20.00%	0.00%	40.00%	24.10%
DON'T KNOW		Count	0	1	0	0	0	1
		% within Main heating fuel	0.00%	25.00%	0.00%	0.00%	0.00%	3.40%
Total		Count	4	4	15	1	5	29



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		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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PP7A\_6: Have you purchased a clothes washer in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP7A_6: Have you purchased a clothes washer in the last five years?	Yes	Count	16	1	19	64	2	20	122
		% within Main heating fuel	48.50%	33.30%	51.40%	43.50%	100.00%	55.60%	47.30%
	No	Count	17	2	18	80	0	16	133
		% within Main heating fuel	51.50%	66.70%	48.60%	54.40%	0.00%	44.40%	51.60%
	DON'T KNOW	Count	0	0	0	3	0	0	3
		% within Main heating fuel	0.00%	0.00%	0.00%	2.00%	0.00%	0.00%	1.20%
	Total	Count	33	3	37	147	2	36	258
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7B\_6: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP7B_6: Does the equipment currently have an Energy Star Logo?	Yes	Count	15	0	16	53	2	16	102
		% within Main heating fuel	93.80%	0.00%	84.20%	82.80%	100.00%	80.00%	83.60%
	No	Count	1	0	3	8	0	4	16
		% within Main heating fuel	6.20%	0.00%	15.80%	12.50%	0.00%	20.00%	13.10%
	DON'T KNOW	Count	0	1	0	3	0	0	4
		% within Main heating fuel	0.00%	100.00%	0.00%	4.70%	0.00%	0.00%	3.30%
	Total	Count	16	1	19	64	2	20	122
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7A\_7: Have you purchased a clothes dryer in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP7A_7: Have you purchased a clothes dryer in the last five years?	Yes	Count	14	0	14	59	1	14	102
		% within Main heating fuel	43.80%	0.00%	38.90%	41.50%	50.00%	42.40%	41.10%
	No	Count	18	3	21	81	0	19	142
		% within Main heating fuel	56.20%	100.00%	58.30%	57.00%	0.00%	57.60%	57.30%
	DON'T KNOW	Count	0	0	1	2	1	0	4
		% within Main heating fuel	0.00%	0.00%	2.80%	1.40%	50.00%	0.00%	1.60%
	Total	Count	32	3	36	142	2	33	248
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

PP7B\_7: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel					Total
			natural gas	propane	oil	kerosene	wood	
PP7B_7: Does the equipment currently have an Energy Star Logo?	Yes	Count	12	12	46	1	13	84
		% within Main heating fuel	85.70%	85.70%	78.00%	100.00%	92.90%	82.40%
	No	Count	2	2	10	0	1	15
		% within Main heating fuel	14.30%	14.30%	16.90%	0.00%	7.10%	14.70%
	DON'T KNOW	Count	0	0	3	0	0	3
		% within Main heating fuel	0.00%	0.00%	5.10%	0.00%	0.00%	2.90%
Total	Count	14	14	59	1	14	102	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

PP7A\_8: Have you purchased a dehumidifier in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel					Total
			natural gas	propane	oil	kerosene	wood	
PP7A_8: Have you purchased a dehumidifier in the last five years?	Yes	Count	5	5	15	1	4	30
		% within Main heating fuel	45.50%	55.60%	32.60%	100.00%	80.00%	41.70%
	No	Count	5	4	29	0	1	39
		% within Main heating fuel	45.50%	44.40%	63.00%	0.00%	20.00%	54.20%
	DON'T KNOW	Count	1	0	2	0	0	3
		% within Main heating fuel	9.10%	0.00%	4.30%	0.00%	0.00%	4.20%
Total	Count	11	9	46	1	5	72	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

PP7B\_8: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel					Total
			natural gas	propane	oil	kerosene	wood	
PP7B_8: Does the equipment currently have an Energy Star Logo?	Yes	Count	4	5	12	0	2	23
		% within Main heating fuel	80.00%	100.00%	80.00%	0.00%	50.00%	76.70%
	No	Count	1	0	2	0	2	5
		% within Main heating fuel	20.00%	0.00%	13.30%	0.00%	50.00%	16.70%
	DON'T KNOW	Count	0	0	1	1	0	2
		% within Main heating fuel	0.00%	0.00%	6.70%	100.00%	0.00%	6.70%
Total	Count	5	5	15	1	4	30	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

PP7A\_9: Have you purchased a dishwasher in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel				

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

			natural gas	electricity	propane	oil	kerosene	wood	Total
PP7A_9: Have you purchased a dishwasher in the last five years?	Yes	Count	11	2	16	47	0	8	84
		% within Main heating fuel	42.30%	100.00%	48.50%	41.20%	0.00%	36.40%	42.20%
	No	Count	15	0	17	67	2	14	115
		% within Main heating fuel	57.70%	0.00%	51.50%	58.80%	100.00%	63.60%	57.80%
	Total	Count	26	2	33	114	2	22	199
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7B\_9: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	wood	Total
PP7B_9: Does the equipment currently have an Energy Star Logo?	Yes	Count	10	0	14	44	6	74
		% within Main heating fuel	90.90%	0.00%	87.50%	93.60%	75.00%	88.10%
	No	Count	1	1	2	1	2	7
		% within Main heating fuel	9.10%	50.00%	12.50%	2.10%	25.00%	8.30%
	DON'T KNOW	Count	0	1	0	2	0	3
		% within Main heating fuel	0.00%	50.00%	0.00%	4.30%	0.00%	3.60%
	Total	Count	11	2	16	47	8	84
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7A\_10: Have you purchased windows in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP7A_10: Have you purchased windows in the last five years?	Yes	Count	6	0	15	49	1	8	79
		% within Main heating fuel	17.60%	0.00%	39.50%	32.50%	50.00%	20.00%	29.40%
	No	Count	28	4	22	100	1	32	187
		% within Main heating fuel	82.40%	100.00%	57.90%	66.20%	50.00%	80.00%	69.50%
	DON'T KNOW	Count	0	0	1	2	0	0	3
		% within Main heating fuel	0.00%	0.00%	2.60%	1.30%	0.00%	0.00%	1.10%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7B\_10: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	propane	oil	kerosene	wood	Total
PP7B_10: Does the equipment currently have an Energy Star Logo?	Yes	Count	5	11	28	0	1	45
		% within Main heating fuel	83.30%	73.30%	57.10%	0.00%	12.50%	57.00%
	No	Count	1	1	10	0	1	13

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	16.70%	6.70%	20.40%	0.00%	12.50%	16.50%
DON'T KNOW	Count		0	3	11	1	6	21
	% within Main heating fuel		0.00%	20.00%	22.40%	100.00%	75.00%	26.60%
Total	Count		6	15	49	1	8	79
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7A\_11: Have you purchased computers or other home office equipment in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP7A_11: Have you purchased computers or other home office equipment in the last five years?	Yes	Count	21	1	20	75	2	14	133
		% within Main heating fuel	61.80%	25.00%	52.60%	49.70%	100.00%	35.00%	49.40%
	No	Count	13	3	16	72	0	23	127
		% within Main heating fuel	38.20%	75.00%	42.10%	47.70%	0.00%	57.50%	47.20%
	DON'T KNOW	Count	0	0	2	4	0	3	9
		% within Main heating fuel	0.00%	0.00%	5.30%	2.60%	0.00%	7.50%	3.30%
Total	Count	34	4	38	151	2	40	269	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

PP7B\_11: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP7B_11: Does the equipment currently have an Energy Star Logo?	Yes	Count	13	0	11	31	0	7	62
		% within Main heating fuel	61.90%	0.00%	55.00%	41.30%	0.00%	50.00%	46.60%
	No	Count	2	0	7	13	0	1	23
		% within Main heating fuel	9.50%	0.00%	35.00%	17.30%	0.00%	7.10%	17.30%
	DON'T KNOW	Count	6	1	2	31	2	6	48
		% within Main heating fuel	28.60%	100.00%	10.00%	41.30%	100.00%	42.90%	36.10%
Total	Count	21	1	20	75	2	14	133	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

PP8: In the last five years have you purchased any other equipment or appliances that you specifically requested be energy efficient or that you purchased to reduce your home energy costs? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PP8: In the last five years have you purchased any other equipment or appliances that you specifically requested be energy efficient or	Yes	Count	7	1	6	28	0	6	48
		% within Main heating fuel	20.60%	25.00%	15.80%	18.50%	0.00%	15.00%	17.80%
	No	Count	27	3	31	120	2	34	217
		% within Main heating fuel	79.40%	75.00%	81.60%	79.50%	100.00%	85.00%	80.70%
	DON'T KNOW	Count	0	0	1	3	0	0	4
		% within Main heating fuel							

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

that you purchased to reduce your home energy costs?		% within Main heating fuel	0.00%	0.00%	2.60%	2.00%	0.00%	0.00%	1.50%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP9\_1: What else did you purchase?|1 \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	wood	Total
PP9_1: What else did you purchase? 1	appliances	Count	3	0	1	8	2	14
		% within Main heating fuel	42.90%	0.00%	16.70%	28.60%	33.30%	29.20%
	fluorescent light fixtures	Count	1	0	0	1	0	2
		% within Main heating fuel	14.30%	0.00%	0.00%	3.60%	0.00%	4.20%
	insulation (walls, ceiling, attic, basement, crawl spaces, spot insulation)	Count	0	0	0	2	0	2
		% within Main heating fuel	0.00%	0.00%	0.00%	7.10%	0.00%	4.20%
	microwave	Count	0	0	1	2	0	3
		% within Main heating fuel	0.00%	0.00%	16.70%	7.10%	0.00%	6.20%
	oven	Count	1	0	1	3	1	6
		% within Main heating fuel	14.30%	0.00%	16.70%	10.70%	16.70%	12.50%
	storm windows, door	Count	1	1	0	3	0	5
		% within Main heating fuel	14.30%	100.00%	0.00%	10.70%	0.00%	10.40%
	stove or cook top	Count	0	0	2	4	0	6
		% within Main heating fuel	0.00%	0.00%	33.30%	14.30%	0.00%	12.50%
	thermostat, programmable thermostat	Count	1	0	0	0	0	1
		% within Main heating fuel	14.30%	0.00%	0.00%	0.00%	0.00%	2.10%
	weatherstripping, caulking, sealing,	Count	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	16.70%	0.00%	0.00%	2.10%
	window insulation, wrap, coverings,	Count	0	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	3.60%	0.00%	2.10%
wood stove	Count	0	0	0	0	2	2	
	% within Main heating fuel	0.00%	0.00%	0.00%	0.00%	33.30%	4.20%	
Other (specify)	Count	0	0	0	4	1	5	
	% within Main heating fuel	0.00%	0.00%	0.00%	14.30%	16.70%	10.40%	
Total	Count	7	1	6	28	6	48	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

PP9\_2: What else did you purchase?|2 \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	wood	Total
PP9_2: What else	appliances	Count	0	1	0	0	0	1

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did you purchase? 2		% within Main heating fuel						7.10%
			0.00%	100.00%	0.00%	0.00%	0.00%	
fluorescent light fixtures	Count		1	0	1	1	1	4
	% within Main heating fuel		50.00%	0.00%	33.30%	14.30%	100.00%	28.60%
insulation (walls, ceiling, attic, basement, crawl spaces, spot insulation)	Count		0	0	0	2	0	2
	% within Main heating fuel		0.00%	0.00%	0.00%	28.60%	0.00%	14.30%
insulation on ducts and pipes	Count		0	0	0	2	0	2
	% within Main heating fuel		0.00%	0.00%	0.00%	28.60%	0.00%	14.30%
microwave	Count		0	0	1	0	0	1
	% within Main heating fuel		0.00%	0.00%	33.30%	0.00%	0.00%	7.10%
oven	Count		0	0	0	1	0	1
	% within Main heating fuel		0.00%	0.00%	0.00%	14.30%	0.00%	7.10%
stove or cook top	Count		1	0	0	1	0	2
	% within Main heating fuel		50.00%	0.00%	0.00%	14.30%	0.00%	14.30%
window insulation, wrap, coverings,	Count		0	0	1	0	0	1
	% within Main heating fuel		0.00%	0.00%	33.30%	0.00%	0.00%	7.10%
Total	Count		2	1	3	7	1	14
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP9\_3: What else did you purchase?|3 \* Main heating fuel Crosstabulation

		Main heating fuel					
		natural gas	propane	oil	wood	Total	
PP9_3: What else did you purchase? 3	fluorescent light fixtures	Count	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	20.00%	0.00%	9.10%
insulation (walls, ceiling, attic, basement, crawl spaces, spot insulation)	Count		1	0	1	1	3
		% within Main heating fuel	100.00%	0.00%	20.00%	50.00%	27.30%
insulation on ducts and pipes	Count		0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	20.00%	0.00%	9.10%
microwave	Count		0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	20.00%	0.00%	9.10%
storm windows, door	Count		0	1	0	0	1
		% within Main heating fuel	0.00%	33.30%	0.00%	0.00%	9.10%
stove or cook top	Count		0	1	0	0	1
		% within Main heating fuel	0.00%	33.30%	0.00%	0.00%	9.10%
thermostat, programmable thermostat	Count		0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	20.00%	0.00%	9.10%
Furnace	Count		0	1	0	0	1
		% within Main heating fuel					

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	0.00%	33.30%	0.00%	0.00%	9.10%
Other (specify)	Count		0	0	0	1	1
	% within Main heating fuel		0.00%	0.00%	0.00%	50.00%	9.10%
Total	Count		1	3	5	2	11
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%

PP9\_4: What else did you purchase?|4 \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	wood	Total
PP9_4: What else did you purchase? 4	insulation on ducts and pipes	Count	1	0	2	1	4
		% within Main heating fuel	100.00%	0.00%	50.00%	100.00%	57.10%
	microwave	Count	0	1	1	0	2
		% within Main heating fuel	0.00%	100.00%	25.00%	0.00%	28.60%
	storm windows, door	Count	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	25.00%	0.00%	14.30%
Total	Count	1	1	4	1	7	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	

PP9\_5: What else did you purchase?|5 \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	wood	Total
PP9_5: What else did you purchase? 5	microwave	Count	1	0	0	0	1
		% within Main heating fuel	100.00%	0.00%	0.00%	0.00%	12.50%
	oven	Count	0	1	1	1	3
		% within Main heating fuel	0.00%	100.00%	20.00%	100.00%	37.50%
	thermostat, programmable thermostat	Count	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	20.00%	0.00%	12.50%
	weatherstripping, caulking, sealing,	Count	0	0	2	0	2
		% within Main heating fuel	0.00%	0.00%	40.00%	0.00%	25.00%
	Other (specify)	Count	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	20.00%	0.00%	12.50%
Total	Count	1	1	5	1	8	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	

PP9\_6: What else did you purchase?|6 \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	wood	Total
PP9_6: What else did you purchase? 6	oven	Count	1	0	0	0	1
		% within Main heating fuel	100.00%	0.00%	0.00%	0.00%	20.00%
	storm windows,	Count	0	0	1	1	2

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		% within Main heating fuel	0.00%	0.00%	50.00%	100.00%	40.00%
door	Count		0	1	0	0	1
	% within Main heating fuel		0.00%	100.00%	0.00%	0.00%	20.00%
thermostat, programmable thermostat	Count		0	0	1	0	1
	% within Main heating fuel		0.00%	0.00%	50.00%	0.00%	20.00%
weatherstripping, caulking, sealing,	Count		1	1	2	1	5
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%

PP9\_7: What else did you purchase?|7 \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	wood	Total
PP9_7: What else did you purchase? 7	storm windows, door	Count	1	0	0	0	1
		% within Main heating fuel	100.00%	0.00%	0.00%	0.00%	25.00%
	stove or cook top	Count	0	1	1	1	3
		% within Main heating fuel	0.00%	100.00%	100.00%	100.00%	75.00%
	Total	Count	1	1	1	1	4
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

PP9\_8: What else did you purchase?|8 \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	wood	Total
PP9_8: What else did you purchase? 8	stove or cook top	Count	1	0	0	0	1
		% within Main heating fuel	100.00%	0.00%	0.00%	0.00%	25.00%
	thermostat, programmable thermostat	Count	0	0	1	1	2
		% within Main heating fuel	0.00%	0.00%	100.00%	100.00%	50.00%
	Other (specify)	Count	0	1	0	0	1
		% within Main heating fuel	0.00%	100.00%	0.00%	0.00%	25.00%
	Total	Count	1	1	1	1	4
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

PP9\_9: What else did you purchase?|9 \* Main heating fuel Crosstabulation

			Main heating fuel			
			natural gas	oil	wood	Total
PP9_9: What else did you purchase? 9	thermostat, programmable thermostat	Count	1	0	0	1
		% within Main heating fuel	100.00%	0.00%	0.00%	33.30%
	timers	Count	0	1	1	2
		% within Main heating fuel	0.00%	100.00%	100.00%	66.70%
	Total	Count	1	1	1	3
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%



PP9\_10: What else did you purchase?|10 \* Main heating fuel Crosstabulation

			Main heating fuel			
			natural gas	oil	wood	Total
PP9_10: What else did you purchase? 10	timers	Count	1	0	0	1
		% within Main heating fuel	100.00%	0.00%	0.00%	33.30%
	weatherstripping, caulking, sealing,	Count	0	1	1	2
		% within Main heating fuel	0.00%	100.00%	100.00%	66.70%
	Total	Count	1	1	1	3
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%

PP9\_11: What else did you purchase?|11 \* Main heating fuel Crosstabulation

			Main heating fuel		
			natural gas	wood	Total
PP9_11: What else did you purchase? 11	weatherstripping, caulking, sealing,	Count	1	0	1
		% within Main heating fuel	100.00%	0.00%	50.00%
	window insulation, wrap, coverings,	Count	0	1	1
		% within Main heating fuel	0.00%	100.00%	50.00%
	Total	Count	1	1	2
		% within Main heating fuel	100.00%	100.00%	100.00%

PP9\_12: What else did you purchase?|12 \* Main heating fuel Crosstabulation

			Main heating fuel		
			natural gas	wood	Total
PP9_12: What else did you purchase? 12	window insulation, wrap, coverings,	Count	1	0	1
		% within Main heating fuel	100.00%	0.00%	50.00%
	wood stove	Count	0	1	1
		% within Main heating fuel	0.00%	100.00%	50.00%
	Total	Count	1	1	2
		% within Main heating fuel	100.00%	100.00%	100.00%

PP9\_13: What else did you purchase?|13 \* Main heating fuel Crosstabulation

			Main heating fuel	
			natural gas	Total
PP9_13: What else did you purchase? 13	wood stove	Count	1	1
		% within Main heating fuel	100.00%	100.00%
	Total	Count	1	1

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		% within Main heating fuel	100.00%	100.00%
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**AT1A: Would you be more likely to purchase energy efficient equipment if your monthly energy bill would be less than if it would be with the standard equipment? \* Main heating fuel Crosstabulation**

			Main heating fuel						Total
			natural gas	electricity	propane	oil	kerosene	wood	
AT1A: Would you be more likely to purchase energy efficient equipment if your monthly energy bill would be less than if it would be with the standard equipment?	Not at All Likely	Count	0	0	2	2	0	1	5
		% within Main heating fuel	0.00%	0.00%	5.30%	1.30%	0.00%	2.50%	1.90%
	3	Count	1	0	2	11	1	2	17
		% within Main heating fuel	2.90%	0.00%	5.30%	7.30%	50.00%	5.00%	6.30%
	4	Count	6	1	2	21	0	4	34
		% within Main heating fuel	17.60%	25.00%	5.30%	13.90%	0.00%	10.00%	12.60%
	Extremely Likely	Count	25	3	30	113	1	33	205
		% within Main heating fuel	73.50%	75.00%	78.90%	74.80%	50.00%	82.50%	76.20%
	Don't know	Count	2	0	2	4	0	0	8
		% within Main heating fuel	5.90%	0.00%	5.30%	2.60%	0.00%	0.00%	3.00%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**AT1B: Would you be more likely to purchase energy efficient equipment if it increased the level of comfort in this home more than standard equipment would? \* Main heating fuel Crosstabulation**

			Main heating fuel						Total
			natural gas	electricity	propane	oil	kerosene	wood	
AT1B: Would you be more likely to purchase energy efficient equipment if it increased the level of comfort in this home more than standard equipment would?	Not at All Likely	Count	0	0	4	4	0	2	10
		% within Main heating fuel	0.00%	0.00%	10.50%	2.60%	0.00%	5.00%	3.70%
	2	Count	2	0	0	3	0	1	6
		% within Main heating fuel	5.90%	0.00%	0.00%	2.00%	0.00%	2.50%	2.20%
	3	Count	1	0	1	15	0	4	21
		% within Main heating fuel	2.90%	0.00%	2.60%	9.90%	0.00%	10.00%	7.80%
	4	Count	8	1	7	21	0	2	39
		% within Main heating fuel	23.50%	25.00%	18.40%	13.90%	0.00%	5.00%	14.50%
	Extremely Likely	Count	23	3	25	104	2	31	188
		% within Main heating fuel	67.60%	75.00%	65.80%	68.90%	100.00%	77.50%	69.90%
	Don't know	Count	0	0	1	4	0	0	5
		% within Main heating fuel	0.00%	0.00%	2.60%	2.60%	0.00%	0.00%	1.90%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**AT1C: Would you be more likely to purchase energy efficient equipment if you felt you were helping to protect the environment? \* Main heating fuel Crosstabulation**

		Main heating fuel					
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Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

			natural gas	electricity	propane	oil	kerosene	wood	Total
AT1C: Would you be more likely to purchase energy efficient equipment if you felt you were helping to protect the environment?	Not at All Likely	Count	1	0	2	10	0	3	16
		% within Main heating fuel	2.90%	0.00%	5.30%	6.60%	0.00%	7.50%	5.90%
	2	Count	1	0	0	4	0	2	7
		% within Main heating fuel	2.90%	0.00%	0.00%	2.60%	0.00%	5.00%	2.60%
	3	Count	0	0	3	10	1	3	17
		% within Main heating fuel	0.00%	0.00%	7.90%	6.60%	50.00%	7.50%	6.30%
	4	Count	7	0	5	26	0	3	41
		% within Main heating fuel	20.60%	0.00%	13.20%	17.20%	0.00%	7.50%	15.20%
	Extremely Likely	Count	25	4	26	100	1	29	185
		% within Main heating fuel	73.50%	100.00%	68.40%	66.20%	50.00%	72.50%	68.80%
	Don't know	Count	0	0	2	1	0	0	3
		% within Main heating fuel	0.00%	0.00%	5.30%	0.70%	0.00%	0.00%	1.10%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

AT1D: Would you be more likely to purchase energy efficient equipment if it increased the value of this home more than standard equipment would? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
AT1D: Would you be more likely to purchase energy efficient equipment if it increased the value of this home more than standard equipment would?	Not at All Likely	Count	0	0	5	12	0	5	22
		% within Main heating fuel	0.00%	0.00%	13.20%	7.90%	0.00%	12.50%	8.20%
	2	Count	2	0	0	4	0	2	8
		% within Main heating fuel	5.90%	0.00%	0.00%	2.60%	0.00%	5.00%	3.00%
	3	Count	4	0	2	12	0	2	20
		% within Main heating fuel	11.80%	0.00%	5.30%	7.90%	0.00%	5.00%	7.40%
	4	Count	2	0	1	17	0	6	26
		% within Main heating fuel	5.90%	0.00%	2.60%	11.30%	0.00%	15.00%	9.70%
	Extremely Likely	Count	26	4	29	100	2	23	184
		% within Main heating fuel	76.50%	100.00%	76.30%	66.20%	100.00%	57.50%	68.40%
	Don't know	Count	0	0	1	6	0	2	9
		% within Main heating fuel	0.00%	0.00%	2.60%	4.00%	0.00%	5.00%	3.30%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

AT1E: Would you be more likely to purchase energy efficient equipment if you received a rebate for the energy efficient equipment? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
AT1E: Would you be more likely to purchase energy	Not at All Likely	Count	1	0	5	7	0	6	19
		% within Main heating fuel	2.90%	0.00%	13.20%	4.60%	0.00%	15.00%	7.10%

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

efficient equipment if you received a rebate for the energy efficient equipment?	Count	0	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	0.70%	0.00%	0.00%
3	Count	3	0	1	13	0	3	20
	% within Main heating fuel	8.80%	0.00%	2.60%	8.60%	0.00%	7.50%	7.40%
4	Count	3	1	5	25	0	5	39
	% within Main heating fuel	8.80%	25.00%	13.20%	16.60%	0.00%	12.50%	14.50%
Extremely Likely	Count	26	3	27	104	2	26	188
	% within Main heating fuel	76.50%	75.00%	71.10%	68.90%	100.00%	65.00%	69.90%
Don't know	Count	1	0	0	1	0	0	2
	% within Main heating fuel	2.90%	0.00%	0.00%	0.70%	0.00%	0.00%	0.70%
Total	Count	34	4	38	151	2	40	269
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

AT1F: Would you be more likely to purchase energy efficient equipment if your sales person recommended it? \* Main heating fuel Crosstabulation

		Main heating fuel							
		natural gas	electricity	propane	oil	kerosene	wood	Total	
AT1F: Would you be more likely to purchase energy efficient equipment if your sales person recommended it?	Not at All Likely	Count	7	2	12	31	0	8	60
		% within Main heating fuel	20.60%	50.00%	31.60%	20.50%	0.00%	20.00%	22.30%
2	Count	Count	3	0	1	13	0	3	20
		% within Main heating fuel	8.80%	0.00%	2.60%	8.60%	0.00%	7.50%	7.40%
3	Count	Count	5	0	6	32	1	5	49
		% within Main heating fuel	14.70%	0.00%	15.80%	21.20%	50.00%	12.50%	18.20%
4	Count	Count	5	0	6	26	0	6	43
		% within Main heating fuel	14.70%	0.00%	15.80%	17.20%	0.00%	15.00%	16.00%
Extremely Likely	Count	Count	12	2	9	43	1	18	85
		% within Main heating fuel	35.30%	50.00%	23.70%	28.50%	50.00%	45.00%	31.60%
Don't know	Count	Count	2	0	4	6	0	0	12
		% within Main heating fuel	5.90%	0.00%	10.50%	4.00%	0.00%	0.00%	4.50%
Total	Count	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

AT2: In general, what do you see as the primary reasons you might not purchase energy efficient equipment or make energy efficiency home improvements? \* Main heating fuel Crosstabulation

		Main heating fuel							
		natural gas	electricity	propane	oil	kerosene	wood	Total	
AT2: In general, what do you see as the primary reasons you might not purchase energy efficient equipment or make energy efficiency home	Cost / Benefit	Count	14	2	17	72	1	18	124
		% within Main heating fuel	41.20%	50.00%	44.70%	47.70%	50.00%	45.00%	46.10%
Safety	Count	Count	0	0	0	2	0	0	2
		% within Main heating fuel	0.00%	0.00%	0.00%	1.30%	0.00%	0.00%	0.70%
Quality	Count	Count	1	0	0	6	0	1	8
		% within Main heating fuel	2.90%	0.00%	0.00%	4.00%	0.00%	2.50%	3.00%

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

Energy Home Improvements?		% within Main heating fuel						
		2.90%	0.00%	0.00%	4.00%	0.00%	2.50%	3.00%
Cosmetics / Features	Count	0	0	0	2	0	1	3
	% within Main heating fuel	0.00%	0.00%	0.00%	1.30%	0.00%	2.50%	1.10%
Renters / Not Owners of Property	Count	0	0	0	1	0	0	1
	% within Main heating fuel	0.00%	0.00%	0.00%	0.70%	0.00%	0.00%	0.40%
No Reason	Count	1	0	2	1	0	1	5
	% within Main heating fuel	2.90%	0.00%	5.30%	0.70%	0.00%	2.50%	1.90%
Need Basis	Count	0	1	2	15	0	4	22
	% within Main heating fuel	0.00%	25.00%	5.30%	9.90%	0.00%	10.00%	8.20%
Other	Count	4	0	2	5	0	3	14
	% within Main heating fuel	11.80%	0.00%	5.30%	3.30%	0.00%	7.50%	5.20%
Don't know	Count	14	1	14	43	1	12	85
	% within Main heating fuel	41.20%	25.00%	36.80%	28.50%	50.00%	30.00%	31.60%
Refused	Count	0	0	1	4	0	0	5
	% within Main heating fuel	0.00%	0.00%	2.60%	2.60%	0.00%	0.00%	1.90%
Total	Count	34	4	38	151	2	40	269
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PS1: Are you aware that your utility, has energy efficiency programs or products that offer incentives or rebates? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PS1: Are you aware that your utility, has energy efficiency programs or products that offer incentives or rebates?	Yes	Count	16	3	20	69	2	24	134
		% within Main heating fuel	47.10%	75.00%	52.60%	45.70%	100.00%	60.00%	49.80%
	No	Count	17	1	15	78	0	16	127
		% within Main heating fuel	50.00%	25.00%	39.50%	51.70%	0.00%	40.00%	47.20%
	DON'T KNOW	Count	1	0	3	4	0	0	8
		% within Main heating fuel	2.90%	0.00%	7.90%	2.60%	0.00%	0.00%	3.00%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PS2: Have you participated in any utility energy efficiency program or purchased any of the promoted products? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
PS2: Have you participated in any utility energy efficiency program or purchased any of the promoted products?	Yes	Count	6	0	10	14	2	8	40
		% within Main heating fuel	37.50%	0.00%	50.00%	20.30%	100.00%	33.30%	29.90%
	No	Count	9	3	10	53	0	16	91
		% within Main heating fuel	56.20%	100.00%	50.00%	76.80%	0.00%	66.70%	67.90%
	DON'T KNOW	Count	1	0	0	2	0	0	3
		% within Main heating fuel	6.20%	0.00%	0.00%	2.90%	0.00%	0.00%	2.20%

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

	Total	Count	16	3	20	69	2	24	134
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**PS3: Would you participate in the program again or purchase the promoted products again should you have the opportunity? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	propane	oil	kerosene	wood	Total
PS3: Would you participate in the program again or purchase the promoted products again should you have the opportunity?	Yes	Count	6	10	14	2	7	39
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	87.50%	97.50%
	No	Count	0	0	0	0	1	1
		% within Main heating fuel	0.00%	0.00%	0.00%	0.00%	12.50%	2.50%
	Total	Count	6	10	14	2	8	40
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**PS4: Why do you say that? \* Main heating fuel Crosstabulation**

			Main heating fuel	
			wood	Total
PS4: Why do you say that?	Other (specify)	Count	1	1
		% within Main heating fuel	100.00%	100.00%
	Total	Count	1	1
		% within Main heating fuel	100.00%	100.00%

**PS5\_1: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.1 \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	wood	Total
PS5_1: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.1	I didn't know I was eligible	Count	4	0	2	14	5	25
		% within Main heating fuel	40.00%	0.00%	20.00%	25.50%	31.20%	26.60%
	I have not recently purchased any of the items we have talked about	Count	2	2	4	20	5	33
		% within Main heating fuel	20.00%	66.70%	40.00%	36.40%	31.20%	35.10%
	I have purchased items but they were not	Count	0	0	0	3	0	3
		% within Main heating fuel	0.00%	0.00%	0.00%	5.50%	0.00%	3.20%
	I don't know how to find out more about the programs	Count	0	0	3	2	1	6
		% within Main heating fuel	0.00%	0.00%	30.00%	3.60%	6.20%	6.40%
	Salesperson didn't talk to me about any	Count	1	0	0	1	1	3
		% within Main heating fuel	10.00%	0.00%	0.00%	1.80%	6.20%	3.20%
	Program	Count	0	1	0	1	0	2
		% within Main heating fuel	0.00%	10.00%	0.00%	1.80%	0.00%	2.00%

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

incentives were not enough	% within Main heating fuel	0.00%	33.30%	0.00%	1.80%	0.00%	2.10%
It wasn't worth the hassle (describe)	Count	0	0	1	5	2	8
	% within Main heating fuel	0.00%	0.00%	10.00%	9.10%	12.50%	8.50%
Other(specify)	Count	3	0	0	4	0	7
	% within Main heating fuel	30.00%	0.00%	0.00%	7.30%	0.00%	7.40%
No Reason	Count	0	0	0	4	1	5
	% within Main heating fuel	0.00%	0.00%	0.00%	7.30%	6.20%	5.30%
No Need	Count	0	0	0	1	1	2
	% within Main heating fuel	0.00%	0.00%	0.00%	1.80%	6.20%	2.10%
Total	Count	10	3	10	55	16	94
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PS5\_2: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. |2 \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	wood	Total
PS5_2: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.  2	I didn't know I was eligible	Count	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	50.00%	0.00%	0.00%	4.00%
	I have not recently purchased any of the items we have talked about	Count	2	0	0	6	1	9
		% within Main heating fuel	50.00%	0.00%	0.00%	42.90%	25.00%	36.00%
	I have purchased items but they were not	Count	1	0	0	2	3	6
		% within Main heating fuel	25.00%	0.00%	0.00%	14.30%	75.00%	24.00%
	I don't know how to find out more about the programs	Count	0	1	1	0	0	2
		% within Main heating fuel	0.00%	100.00%	50.00%	0.00%	0.00%	8.00%
	Salesperson didn't talk to me about any	Count	0	0	0	2	0	2
		% within Main heating fuel	0.00%	0.00%	0.00%	14.30%	0.00%	8.00%
	Program incentives were not enough	Count	1	0	0	1	0	2
		% within Main heating fuel	25.00%	0.00%	0.00%	7.10%	0.00%	8.00%
	It wasn't worth the hassle (describe)	Count	0	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	7.10%	0.00%	4.00%
	Other(specify)	Count	0	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	7.10%	0.00%	4.00%
	No Reason	Count	0	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	7.10%	0.00%	4.00%
	Total	Count	4	1	2	14	4	25
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

**PS5\_3: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.**<sup>3</sup> \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	wood	Total
PS5_3: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. <sup>3</sup>	I have purchased items but they were not	Count	1	0	1	0	2
		% within Main heating fuel	33.30%	0.00%	14.30%	0.00%	14.30%
	I don't know how to find out more about the programs	Count	1	0	3	2	6
		% within Main heating fuel	33.30%	0.00%	42.90%	66.70%	42.90%
	Salesperson didn't talk to me about any	Count	1	1	1	1	4
		% within Main heating fuel	33.30%	100.00%	14.30%	33.30%	28.60%
	Program incentives were not enough	Count	0	0	2	0	2
		% within Main heating fuel	0.00%	0.00%	28.60%	0.00%	14.30%
	Total	Count	3	1	7	3	14
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

**PS5\_4: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.**<sup>4</sup> \* Main heating fuel Crosstabulation

			Main heating fuel			
			natural gas	oil	wood	Total
PS5_4: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. <sup>4</sup>	I don't know how to find out more about the programs	Count	0	2	0	2
		% within Main heating fuel	0.00%	40.00%	0.00%	25.00%
	Salesperson didn't talk to me about any	Count	0	2	1	3
		% within Main heating fuel	0.00%	40.00%	100.00%	37.50%
	Program incentives were not enough	Count	2	1	0	3
		% within Main heating fuel	100.00%	20.00%	0.00%	37.50%
	Total	Count	2	5	1	8
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%

**PS5\_5: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.**<sup>5</sup> \* Main heating fuel Crosstabulation

			Main heating fuel			
			natural gas	oil	wood	Total
PS5_5: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. <sup>5</sup>	Salesperson didn't talk to me about any	Count	1	1	0	2
		% within Main heating fuel	100.00%	50.00%	0.00%	50.00%
	Program incentives were not enough	Count	0	0	1	1
		% within Main heating fuel	0.00%	0.00%	100.00%	25.00%
	It wasn't worth the hassle (describe)	Count	0	1	0	1
		% within Main heating fuel	0.00%	50.00%	0.00%	25.00%



Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

	Total	Count	1	2	1	4
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%

**PS5\_6: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.[6 \* Main heating fuel Crosstabulation**

			Main heating fuel	
			oil	Total
PS5_6: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.[6	Program incentives were not enough	Count	1	1
		% within Main heating fuel	100.00%	100.00%
	Total	Count	1	1
		% within Main heating fuel	100.00%	100.00%

**DE1A: How many people living in your home are 5 years old and under: \* Main heating fuel Crosstabulation**

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
DE1A: How many people living in your home are 5 years old and under:	Refusal	Count	1	0	0	2	0	0	3
		% within Main heating fuel	2.90%	0.00%	0.00%	1.30%	0.00%	0.00%	1.10%
	0	Count	26	3	35	129	2	36	231
		% within Main heating fuel	76.50%	75.00%	92.10%	85.40%	100.00%	90.00%	85.90%
	1	Count	4	0	1	14	0	2	21
		% within Main heating fuel	11.80%	0.00%	2.60%	9.30%	0.00%	5.00%	7.80%
	2	Count	1	1	2	5	0	1	10
		% within Main heating fuel	2.90%	25.00%	5.30%	3.30%	0.00%	2.50%	3.70%
	3	Count	2	0	0	1	0	0	3
		% within Main heating fuel	5.90%	0.00%	0.00%	0.70%	0.00%	0.00%	1.10%
	4	Count	0	0	0	0	0	1	1
		% within Main heating fuel	0.00%	0.00%	0.00%	0.00%	0.00%	2.50%	0.40%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**DE1B: How many people living in your home are 6-18 years old: \* Main heating fuel Crosstabulation**

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
DE1B: How many	Refusal	Count	1	0	0	3	0	0	4

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

people living in your home are 6-18 years old:		% within Main heating fuel	2.90%	0.00%	0.00%	2.00%	0.00%	0.00%	1.50%
			Count	19	3	26	100	1	31
0	% within Main heating fuel	55.90%	75.00%	68.40%	66.20%	50.00%	77.50%	66.90%	
	Count	8	0	5	22	0	5	40	
1	% within Main heating fuel	23.50%	0.00%	13.20%	14.60%	0.00%	12.50%	14.90%	
	Count	2	1	5	17	0	4	29	
2	% within Main heating fuel	5.90%	25.00%	13.20%	11.30%	0.00%	10.00%	10.80%	
	Count	3	0	2	7	1	0	13	
3	% within Main heating fuel	8.80%	0.00%	5.30%	4.60%	50.00%	0.00%	4.80%	
	Count	1	0	0	1	0	0	2	
4	% within Main heating fuel	2.90%	0.00%	0.00%	0.70%	0.00%	0.00%	0.70%	
	Count	0	0	0	1	0	0	1	
5	% within Main heating fuel	0.00%	0.00%	0.00%	0.70%	0.00%	0.00%	0.40%	
	Count	0	0	0	1	0	0	1	
Total	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
	Count	34	4	38	151	2	40	269	

DE1C: How many people living in your home are 19-34 years old: \* Main heating fuel Crosstabulation

			Main heating fuel					Total	
			natural gas	electricity	propane	oil	kerosene		wood
DE1C: How many people living in your home are 19-34 years old:	Refusal	Count	1	0	0	2	0	0	3
		% within Main heating fuel	2.90%	0.00%	0.00%	1.30%	0.00%	0.00%	1.10%
0	Count	22	3	26	116	2	27	196	
	% within Main heating fuel	64.70%	75.00%	68.40%	76.80%	100.00%	67.50%	72.90%	
1	Count	6	1	8	12	0	8	35	
	% within Main heating fuel	17.60%	25.00%	21.10%	7.90%	0.00%	20.00%	13.00%	
2	Count	3	0	3	20	0	4	30	
	% within Main heating fuel	8.80%	0.00%	7.90%	13.20%	0.00%	10.00%	11.20%	
3	Count	1	0	1	1	0	0	3	
	% within Main heating fuel	2.90%	0.00%	2.60%	0.70%	0.00%	0.00%	1.10%	
5	Count	1	0	0	0	0	1	2	
	% within Main heating fuel	2.90%	0.00%	0.00%	0.00%	0.00%	2.50%	0.70%	
Total	Count	34	4	38	151	2	40	269	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

DE1D: How many people living in your home are 35-54 years old: \* Main heating fuel Crosstabulation

			Main heating fuel					Total	
			natural gas	electricity	propane	oil	kerosene		wood
DE1D: How many people living in your home are 35-54 years old:	Refusal	Count	1	0	0	3	0	0	4
		% within Main heating fuel	2.90%	0.00%	0.00%	2.00%	0.00%	0.00%	1.50%
0	Count	12	3	14	74	0	17	120	

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	35.30%	75.00%	36.80%	49.00%	0.00%	42.50%	44.60%
1	Count		8	0	7	22	0	10	47
	% within Main heating fuel		23.50%	0.00%	18.40%	14.60%	0.00%	25.00%	17.50%
2	Count		13	1	16	51	2	13	96
	% within Main heating fuel		38.20%	25.00%	42.10%	33.80%	100.00%	32.50%	35.70%
3	Count		0	0	0	1	0	0	1
	% within Main heating fuel		0.00%	0.00%	0.00%	0.70%	0.00%	0.00%	0.40%
4	Count		0	0	1	0	0	0	1
	% within Main heating fuel		0.00%	0.00%	2.60%	0.00%	0.00%	0.00%	0.40%
Total	Count		34	4	38	151	2	40	269
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

DE1E: How many people living in your home are 55-64 years old: \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
DE1E: How many people living in your home are 55-64 years old:	Refusal	Count	1	0	0	3	0	1	5
		% within Main heating fuel	2.90%	0.00%	0.00%	2.00%	0.00%	2.50%	1.90%
	0	Count	25	3	30	106	2	26	192
		% within Main heating fuel	73.50%	75.00%	78.90%	70.20%	100.00%	65.00%	71.40%
	1	Count	3	1	5	19	0	8	36
		% within Main heating fuel	8.80%	25.00%	13.20%	12.60%	0.00%	20.00%	13.40%
	2	Count	5	0	3	23	0	5	36
		% within Main heating fuel	14.70%	0.00%	7.90%	15.20%	0.00%	12.50%	13.40%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

DE1F: How many people living in your home are 65 years old and over: \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
DE1F: How many people living in your home are 65 years old and over:	Refusal	Count	1	0	0	2	0	1	4
		% within Main heating fuel	2.90%	0.00%	0.00%	1.30%	0.00%	2.50%	1.50%
	0	Count	28	2	27	104	2	30	193
		% within Main heating fuel	82.40%	50.00%	71.10%	68.90%	100.00%	75.00%	71.70%
	1	Count	3	1	9	24	0	4	41
		% within Main heating fuel	8.80%	25.00%	23.70%	15.90%	0.00%	10.00%	15.20%
	2	Count	2	1	2	21	0	5	31
		% within Main heating fuel	5.90%	25.00%	5.30%	13.90%	0.00%	12.50%	11.50%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

DE2: What is the highest level of education you have completed? Would you say: \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
DE2: What is the highest level of education you have completed? Would you say:	Not a high school graduate	Count	1	0	1	3	0	1	6
		% within Main heating fuel	2.90%	0.00%	2.60%	2.00%	0.00%	2.50%	2.20%
	High school graduate or GED (high school equivalency)	Count	6	2	6	33	0	15	62
		% within Main heating fuel	17.60%	50.00%	15.80%	21.90%	0.00%	37.50%	23.00%
	Some college/trade/vocational school	Count	7	0	8	36	0	11	62
		% within Main heating fuel	20.60%	0.00%	21.10%	23.80%	0.00%	27.50%	23.00%
	College graduate	Count	12	0	12	48	1	7	80
		% within Main heating fuel	35.30%	0.00%	31.60%	31.80%	50.00%	17.50%	29.70%
	Postgraduate degree	Count	7	2	9	26	0	6	50
		% within Main heating fuel	20.60%	50.00%	23.70%	17.20%	0.00%	15.00%	18.60%
	REFUSED	Count	1	0	2	5	1	0	9
		% within Main heating fuel	2.90%	0.00%	5.30%	3.30%	50.00%	0.00%	3.30%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

DE3: Please stop me when I get the range of your household's total before tax annual income: \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
DE3: Please stop me when I get the range of your household's total before tax annual income:	Less than \$50,000, or	Count	6	2	8	32	0	16	64
		% within Main heating fuel	17.60%	50.00%	21.10%	21.20%	0.00%	40.00%	23.80%
	\$50,000 - \$109,999, or	Count	14	1	11	57	0	17	100
		% within Main heating fuel	41.20%	25.00%	28.90%	37.70%	0.00%	42.50%	37.20%
	More than \$110,000?	Count	8	1	10	25	1	5	50
		% within Main heating fuel	23.50%	25.00%	26.30%	16.60%	50.00%	12.50%	18.60%
	REFUSED	Count	6	0	9	37	1	2	55
		% within Main heating fuel	17.60%	0.00%	23.70%	24.50%	50.00%	5.00%	20.40%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

DE3A: Would you say it is: \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
DE3A: Would you	\$10,000 -	Count	1	1	4	13	0	5	24

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

say it is:	\$29,999	% within Main heating fuel	2.90%	25.00%	10.50%	8.60%	0.00%	12.50%	8.90%
	\$30,000 - \$49,999	Count	5	1	4	18	0	8	36
		% within Main heating fuel	14.70%	25.00%	10.50%	11.90%	0.00%	20.00%	13.40%
	\$50,000 - \$69,999	Count	5	1	2	23	0	9	40
		% within Main heating fuel	14.70%	25.00%	5.30%	15.20%	0.00%	22.50%	14.90%
	\$70,000 - \$89,999	Count	4	0	3	20	0	4	31
		% within Main heating fuel	11.80%	0.00%	7.90%	13.20%	0.00%	10.00%	11.50%
	\$90,000 - \$109,999	Count	4	0	4	11	0	4	23
		% within Main heating fuel	11.80%	0.00%	10.50%	7.30%	0.00%	10.00%	8.60%
	\$110,000 - \$149,999	Count	3	0	8	10	1	1	23
		% within Main heating fuel	8.80%	0.00%	21.10%	6.60%	50.00%	2.50%	8.60%
	\$149,000 - \$199,999	Count	2	0	2	6	0	4	14
		% within Main heating fuel	5.90%	0.00%	5.30%	4.00%	0.00%	10.00%	5.20%
	\$200,000 or more	Count	1	1	0	7	0	0	9
		% within Main heating fuel	2.90%	25.00%	0.00%	4.60%	0.00%	0.00%	3.30%
	REFUSED	Count	9	0	11	43	1	5	69
		% within Main heating fuel	26.50%	0.00%	28.90%	28.50%	50.00%	12.50%	25.70%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

UTILITY \* Main heating fuel Crosstabulation

		Main heating fuel							
		natural gas	electricity	propane	oil	kerosene	wood	Total	
UTILITY	Granite State Electric	Count	25	0	1	2	0	0	28
		% within Main heating fuel	73.50%	0.00%	2.60%	1.30%	0.00%	0.00%	10.40%
	NH Elec CoOp	Count	1	3	9	26	0	16	55
		% within Main heating fuel	2.90%	75.00%	23.70%	17.20%	0.00%	40.00%	20.40%
	PSNH	Count	5	1	23	92	2	19	142
		% within Main heating fuel	14.70%	25.00%	60.50%	60.90%	100.00%	47.50%	52.80%
	Unitil	Count	3	0	5	31	0	5	44
		% within Main heating fuel	8.80%	0.00%	13.20%	20.50%	0.00%	12.50%	16.40%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

STATE \* Main heating fuel Crosstabulation

		Main heating fuel							
		natural gas	electricity	propane	oil	kerosene	wood	Total	
STATE	0	Count	1	3	9	26	0	16	55
		% within Main heating fuel	2.90%	75.00%	23.70%	17.20%	0.00%	40.00%	20.40%
	NH	Count	33	1	29	125	2	24	214

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	97.10%	25.00%	76.30%	82.80%	100.00%	60.00%	79.60%
Total	Count		34	4	38	151	2	40	269
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Income - original sample field \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
Income - original sample field	Limited Income	Count	2	0	2	4	0	2	10
		% within Main heating fuel	5.90%	0.00%	5.30%	2.60%	0.00%	5.00%	3.70%
	Non-Limited Income	Count	32	4	36	147	2	38	259
		% within Main heating fuel	94.10%	100.00%	94.70%	97.40%	100.00%	95.00%	96.30%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

GR: Gender of respondent? \* Main heating fuel Crosstabulation

			Main heating fuel						
			natural gas	electricity	propane	oil	kerosene	wood	Total
GR: Gender of respondent?	Male	Count	24	1	18	63	0	18	124
		% within Main heating fuel	70.60%	25.00%	47.40%	41.70%	0.00%	45.00%	46.10%
	Female	Count	10	3	20	88	2	22	145
		% within Main heating fuel	29.40%	75.00%	52.60%	58.30%	100.00%	55.00%	53.90%
	Total	Count	34	4	38	151	2	40	269
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

KWH

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	75	1	0.4	0.4
	634	1	0.4	0.8
	690	1	0.4	1.2
	989	1	0.4	1.7
	1023	1	0.4	2.1
	1028	1	0.4	2.5
	1309	1	0.4	2.9
	1395	1	0.4	3.3
	1706	1	0.4	3.8
	1780	1	0.4	4.2
	1804	1	0.4	4.6
	1950	1	0.4	5
	2141	1	0.4	5.4
	2157	1	0.4	5.8
	2186	1	0.4	6.2
	2235	1	0.4	6.7
	2330	1	0.4	7.1
	2424	1	0.4	7.5
	2500	1	0.4	7.9

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

2511	1	0.4	0.4	8.3
2537	1	0.4	0.4	8.8
2576	1	0.4	0.4	9.2
2591	1	0.4	0.4	9.6
2666	1	0.4	0.4	10
2683	1	0.4	0.4	10.4
2763	1	0.4	0.4	10.8
2789	1	0.4	0.4	11.2
2866	1	0.4	0.4	11.7
2904	1	0.4	0.4	12.1
3010	1	0.4	0.4	12.5
3069	1	0.4	0.4	12.9
3084	1	0.4	0.4	13.3
3107	1	0.4	0.4	13.8
3116	1	0.4	0.4	14.2
3128	1	0.4	0.4	14.6
3370	1	0.4	0.4	15
3422	1	0.4	0.4	15.4
3467	1	0.4	0.4	15.8
3532	1	0.4	0.4	16.2
3537	1	0.4	0.4	16.7
3568	1	0.4	0.4	17.1
3623	1	0.4	0.4	17.5
3642	1	0.4	0.4	17.9
3661	1	0.4	0.4	18.3
3698	1	0.4	0.4	18.8
3755	1	0.4	0.4	19.2
3829	1	0.4	0.4	19.6
3855	1	0.4	0.4	20
3895	1	0.4	0.4	20.4
3986	1	0.4	0.4	20.8
4055	1	0.4	0.4	21.2
4078	1	0.4	0.4	21.7
4122	1	0.4	0.4	22.1
4131	1	0.4	0.4	22.5
4155	1	0.4	0.4	22.9
4367	1	0.4	0.4	23.3
4373	1	0.4	0.4	23.8
4393	1	0.4	0.4	24.2
4510	1	0.4	0.4	24.6
4577	1	0.4	0.4	25
4612	1	0.4	0.4	25.4
4674	1	0.4	0.4	25.8
4716	1	0.4	0.4	26.2
4765	1	0.4	0.4	26.7
4779	1	0.4	0.4	27.1
4829	1	0.4	0.4	27.5
4838	1	0.4	0.4	27.9
4944	1	0.4	0.4	28.3
4978	1	0.4	0.4	28.8
4997	1	0.4	0.4	29.2
5012	1	0.4	0.4	29.6
5133	1	0.4	0.4	30
5206	1	0.4	0.4	30.4
5253	1	0.4	0.4	30.8
5255	1	0.4	0.4	31.2
5260	1	0.4	0.4	31.7
5326	1	0.4	0.4	32.1
5380	1	0.4	0.4	32.5

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

5388	1	0.4	0.4	32.9
5400	1	0.4	0.4	33.3
5442	1	0.4	0.4	33.8
5558	1	0.4	0.4	34.2
5609	1	0.4	0.4	34.6
5621	1	0.4	0.4	35
5660	1	0.4	0.4	35.4
5767	1	0.4	0.4	35.8
5886	1	0.4	0.4	36.2
5889	1	0.4	0.4	36.7
5904	1	0.4	0.4	37.1
5956	1	0.4	0.4	37.5
5993	1	0.4	0.4	37.9
6037	1	0.4	0.4	38.3
6160	1	0.4	0.4	38.8
6176	1	0.4	0.4	39.2
6219	1	0.4	0.4	39.6
6260	1	0.4	0.4	40
6269	1	0.4	0.4	40.4
6311	1	0.4	0.4	40.8
6357	1	0.4	0.4	41.2
6417	1	0.4	0.4	41.7
6421	1	0.4	0.4	42.1
6432	1	0.4	0.4	42.5
6477	1	0.4	0.4	42.9
6497	1	0.4	0.4	43.3
6550	1	0.4	0.4	43.8
6623	1	0.4	0.4	44.2
6645	1	0.4	0.4	44.6
6800	1	0.4	0.4	45
6848	1	0.4	0.4	45.4
6869	1	0.4	0.4	45.8
6898	1	0.4	0.4	46.2
6937	1	0.4	0.4	46.7
6990	1	0.4	0.4	47.1
7002	1	0.4	0.4	47.5
7095	1	0.4	0.4	47.9
7118	1	0.4	0.4	48.3
7235	1	0.4	0.4	48.8
7408	1	0.4	0.4	49.2
7476	1	0.4	0.4	49.6
7497	1	0.4	0.4	50
7537	1	0.4	0.4	50.4
7547	1	0.4	0.4	50.8
7550	1	0.4	0.4	51.2
7623	1	0.4	0.4	51.7
7655	1	0.4	0.4	52.1
7717	1	0.4	0.4	52.5
7744	1	0.4	0.4	52.9
7786	1	0.4	0.4	53.3
7792	1	0.4	0.4	53.8
7846	1	0.4	0.4	54.2
7883	1	0.4	0.4	54.6
7884	1	0.4	0.4	55
7962	1	0.4	0.4	55.4
8015	1	0.4	0.4	55.8
8022	1	0.4	0.4	56.2
8127	1	0.4	0.4	56.7
8164	1	0.4	0.4	57.1



Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

8225	1	0.4	0.4	57.5
8228	1	0.4	0.4	57.9
8276	1	0.4	0.4	58.3
8346	1	0.4	0.4	58.8
8381	1	0.4	0.4	59.2
8395	1	0.4	0.4	59.6
8464	1	0.4	0.4	60
8584	1	0.4	0.4	60.4
8711	1	0.4	0.4	60.8
8717	1	0.4	0.4	61.2
8728	1	0.4	0.4	61.7
8736	1	0.4	0.4	62.1
8846	1	0.4	0.4	62.5
8872	1	0.4	0.4	62.9
8910	1	0.4	0.4	63.3
8920	1	0.4	0.4	63.8
8971	1	0.4	0.4	64.2
9259	1	0.4	0.4	64.6
9295	1	0.4	0.4	65
9313	1	0.4	0.4	65.4
9384	1	0.4	0.4	65.8
9393	1	0.4	0.4	66.2
9483	1	0.4	0.4	66.7
9548	1	0.4	0.4	67.1
9590	1	0.4	0.4	67.5
9702	1	0.4	0.4	67.9
9779	1	0.4	0.4	68.3
9979	1	0.4	0.4	68.8
10058	1	0.4	0.4	69.2
10075	1	0.4	0.4	69.6
10245	1	0.4	0.4	70
10320	1	0.4	0.4	70.4
10323	1	0.4	0.4	70.8
10372	1	0.4	0.4	71.2
10375	1	0.4	0.4	71.7
10458	1	0.4	0.4	72.1
10499	1	0.4	0.4	72.5
10591	1	0.4	0.4	72.9
10663	1	0.4	0.4	73.3
10685	1	0.4	0.4	73.8
10726	1	0.4	0.4	74.2
10760	1	0.4	0.4	74.6
10873	1	0.4	0.4	75
10874	1	0.4	0.4	75.4
10974	1	0.4	0.4	75.8
10983	1	0.4	0.4	76.2
11034	1	0.4	0.4	76.7
11058	1	0.4	0.4	77.1
11064	1	0.4	0.4	77.5
11394	1	0.4	0.4	77.9
11448	1	0.4	0.4	78.3
11455	1	0.4	0.4	78.8
11662	1	0.4	0.4	79.2
11753	1	0.4	0.4	79.6
11763	1	0.4	0.4	80
11908	1	0.4	0.4	80.4
11918	1	0.4	0.4	80.8
12140	1	0.4	0.4	81.2
12179	1	0.4	0.4	81.7

Tab 1B - All Single Family Survey Data by Fuel Type Cross Tab

12279	1	0.4	0.4	82.1
12311	1	0.4	0.4	82.5
12428	1	0.4	0.4	82.9
12570	1	0.4	0.4	83.3
12654	1	0.4	0.4	83.8
12821	1	0.4	0.4	84.2
12875	1	0.4	0.4	84.6
13063	1	0.4	0.4	85
13519	1	0.4	0.4	85.4
14190	1	0.4	0.4	85.8
14278	1	0.4	0.4	86.2
14409	1	0.4	0.4	86.7
14421	1	0.4	0.4	87.1
14442	1	0.4	0.4	87.5
14495	1	0.4	0.4	87.9
14584	1	0.4	0.4	88.3
14667	1	0.4	0.4	88.8
14730	1	0.4	0.4	89.2
14798	1	0.4	0.4	89.6
14891	1	0.4	0.4	90
14896	1	0.4	0.4	90.4
14902	1	0.4	0.4	90.8
14937	1	0.4	0.4	91.2
14975	1	0.4	0.4	91.7
15071	1	0.4	0.4	92.1
15091	1	0.4	0.4	92.5
15170	1	0.4	0.4	92.9
15229	1	0.4	0.4	93.3
16222	1	0.4	0.4	93.8
16224	1	0.4	0.4	94.2
16352	1	0.4	0.4	94.6
16614	1	0.4	0.4	95
16705	1	0.4	0.4	95.4
16890	1	0.4	0.4	95.8
16924	1	0.4	0.4	96.2
17175	1	0.4	0.4	96.7
18182	1	0.4	0.4	97.1
18244	1	0.4	0.4	97.5
18874	1	0.4	0.4	97.9
21130	1	0.4	0.4	98.3
21211	1	0.4	0.4	98.8
21235	1	0.4	0.4	99.2
23702	1	0.4	0.4	99.6
38250	1	0.4	0.4	100
Total	240	89.2	100	
Missing	System	29	10.8	
Total	269	100		

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

RESIDENTIAL (within  
multifamily homes)  
\*\*\*\* BY SH2 (fuel type).

Main heating fuel

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	natural gas	64	47.4	48.1	48.1
	electricity	14	10.4	10.5	58.6
	propane	18	13.3	13.5	72.2
	oil	29	21.5	21.8	94
	kerosene	8	5.9	6	100
	Total	133	98.5	100	
Missing	don't know	2	1.5		
Total		135	100		

permanent or seasonal? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
permanent or seasonal?	Permanent	Count	62	12	15	29	8	126
		% within Main heating fuel	96.90%	85.70%	83.30%	100.00%	100.00%	94.70%
	Seasonal	Count	2	2	3	0	0	7
		% within Main heating fuel	3.10%	14.30%	16.70%	0.00%	0.00%	5.30%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

HC2: What type of home is this residence? Is it: \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
HC2: What type of home is this residence? Is it:	Townhouse, duplex, or row house	Count	27	5	8	7	0	47
		% within Main heating fuel	42.20%	35.70%	44.40%	24.10%	0.00%	35.30%
	an apartment or condo with 3-4 units	Count	12	2	5	10	0	29
		% within Main heating fuel	18.80%	14.30%	27.80%	34.50%	0.00%	21.80%
	an apartment or condo with 5 or more units	Count	23	7	4	3	0	37
		% within Main heating fuel	35.90%	50.00%	22.20%	10.30%	0.00%	27.80%
	Mobile home	Count	2	0	1	9	8	20
		% within Main heating fuel	3.10%	0.00%	5.60%	31.00%	100.00%	15.00%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

HC3: Do you own this home? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
HC3: Do you own this home?	Yes	Count	25	4	11	17	7	64
		% within Main heating fuel	39.10%	28.60%	61.10%	58.60%	87.50%	48.10%

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

No	Count	39	10	7	12	1	69
	% within Main heating fuel	60.90%	71.40%	38.90%	41.40%	12.50%	51.90%
Total	Count	64	14	18	29	8	133
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

HC4: About when did you move in to this home? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
HC4: About when did you move in to this home?	Before 1950	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
	1950 to 1979	Count	1	0	1	2	0	4
		% within Main heating fuel	1.60%	0.00%	5.60%	6.90%	0.00%	3.00%
	1980 to 1989	Count	2	1	2	3	1	9
		% within Main heating fuel	3.10%	7.10%	11.10%	10.30%	12.50%	6.80%
	1990 to 1999	Count	9	3	3	5	4	24
		% within Main heating fuel	14.10%	21.40%	16.70%	17.20%	50.00%	18.00%
	2000 to 2004	Count	14	3	2	5	1	25
		% within Main heating fuel	21.90%	21.40%	11.10%	17.20%	12.50%	18.80%
	2005 to 2006	Count	37	7	10	14	2	70
		% within Main heating fuel	57.80%	50.00%	55.60%	48.30%	25.00%	52.60%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

HC5: About when was this residence built? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
HC5: About when was this residence built?	Before 1950	Count	8	2	3	7	0	20
		% within Main heating fuel	12.50%	14.30%	16.70%	24.10%	0.00%	15.00%
	1950 to 1979	Count	3	2	2	5	3	15
		% within Main heating fuel	4.70%	14.30%	11.10%	17.20%	37.50%	11.30%
	1980 to 1989	Count	16	2	4	9	2	33
		% within Main heating fuel	25.00%	14.30%	22.20%	31.00%	25.00%	24.80%
	1990 to 1999	Count	5	1	1	0	1	8
		% within Main heating fuel	7.80%	7.10%	5.60%	0.00%	12.50%	6.00%
	2000 to 2004	Count	3	0	2	2	0	7
		% within Main heating fuel	4.70%	0.00%	11.10%	6.90%	0.00%	5.30%
	2005 to 2008	Count	4	0	3	0	0	7
		% within Main heating fuel	6.20%	0.00%	16.70%	0.00%	0.00%	5.30%
	DON'T KNOW	Count	25	7	3	6	2	43
		% within Main heating fuel	39.10%	50.00%	16.70%	20.70%	25.00%	32.30%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

HC6: How many rooms are there in this residence?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	6	4.4	4.4
	3	7	5.2	9.6
	4	52	38.5	48.1
	5	34	25.2	73.3
	6	21	15.6	88.9
	7	10	7.4	96.3
	8	3	2.2	98.5
	10	1	0.7	99.3
	12	1	0.7	100
Total	135	100	100	

HC7: Approximately how many square feet of living space are there in this residence?

	Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	DON'T KNOW	63	46.7	46.7	
	9	21	15.6	62.2	
	65	1	0.7	63	
	200	1	0.7	63.7	
	250	1	0.7	64.4	
	300	1	0.7	65.2	
	700	3	2.2	67.4	
	780	1	0.7	68.1	
	800	3	2.2	70.4	
	900	3	2.2	72.6	
	950	1	0.7	73.3	
	984	1	0.7	74.1	
	1000	5	3.7	77.8	
	1050	2	1.5	79.3	
	1100	2	1.5	80.7	
	1200	6	4.4	85.2	
	1250	1	0.7	85.9	
	1350	1	0.7	86.7	
	1390	1	0.7	87.4	
	1400	3	2.2	89.6	
	1500	3	2.2	91.9	
	1600	1	0.7	92.6	
	1700	1	0.7	93.3	
	1800	2	1.5	94.8	
	2000	3	2.2	97	
	2300	1	0.7	97.8	
	2800	1	0.7	98.5	
	3000	1	0.7	99.3	
	3200	1	0.7	100	
	Total	135	100	100	

BE1\_1: Which of the following types of windows does this home have?|1 \* Main heating fuel Crosstabulation

	Main heating fuel					Total
	natural gas	electricity	propane	oil	kerosene	

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

BE1_1: Which of the following types of windows does this home have?[1]	Single pane glass windows without storm windows	Count	12	4	2	2	0	20
		% within Main heating fuel	18.80%	28.60%	11.10%	6.90%	0.00%	15.00%
	Single pane glass windows with storm windows	Count	9	0	4	4	2	19
		% within Main heating fuel	14.10%	0.00%	22.20%	13.80%	25.00%	14.30%
	Double-pane glass windows without storm windows	Count	26	8	10	17	4	65
		% within Main heating fuel	40.60%	57.10%	55.60%	58.60%	50.00%	48.90%
	Double-pane glass windows with storm windows	Count	11	1	1	4	2	19
		% within Main heating fuel	17.20%	7.10%	5.60%	13.80%	25.00%	14.30%
	DON'T KNOW	Count	6	1	1	2	0	10
		% within Main heating fuel	9.40%	7.10%	5.60%	6.90%	0.00%	7.50%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

BE1\_2: Which of the following types of windows does this home have?[2] \* Main heating fuel Crosstabulation

			Main heating fuel		
			natural gas	kerosene	Total
BE1_2: Which of the following types of windows does this home have?[2]	Single pane glass windows without storm windows	Count	1	0	1
		% within Main heating fuel	50.00%	0.00%	33.30%
	Double-pane glass windows without storm windows	Count	1	1	2
		% within Main heating fuel	50.00%	100.00%	66.70%
	Total	Count	2	1	3
		% within Main heating fuel	100.00%	100.00%	100.00%

BE2: How drafty would you say this house is? Would you say it is: \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
BE2: How drafty would you say this house is? Would you say it is:	Very drafty	Count	6	1	1	2	1	11
		% within Main heating fuel	9.40%	7.10%	5.60%	6.90%	12.50%	8.30%
	Somewhat drafty	Count	19	1	4	9	3	36
		% within Main heating fuel	29.70%	7.10%	22.20%	31.00%	37.50%	27.10%
	Not too drafty	Count	18	7	3	6	3	37
		% within Main heating fuel	28.10%	50.00%	16.70%	20.70%	37.50%	27.80%
	Not drafty at all	Count	20	5	10	12	1	48
		% within Main heating fuel	31.20%	35.70%	55.60%	41.40%	12.50%	36.10%
	DON'T KNOW	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

Total	Count	64	14	18	29	8	133
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

BE3: Have you ever added insulation to this home? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
BE3: Have you ever added insulation to this home?	Yes	Count	9	3	4	7	1	24
		% within Main heating fuel	14.10%	21.40%	22.20%	24.10%	12.50%	18.00%
	No	Count	50	11	13	21	7	102
		% within Main heating fuel	78.10%	78.60%	72.20%	72.40%	87.50%	76.70%
	DON'T KNOW	Count	5	0	1	1	0	7
		% within Main heating fuel	7.80%	0.00%	5.60%	3.40%	0.00%	5.30%
Total	Count	64	14	18	29	8	133	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

SH1: Do you pay for the fuel used to heat this home? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
SH1: Do you pay for the fuel used to heat this home?	Yes	Count	35	7	6	7	1	56
		% within Main heating fuel	89.70%	70.00%	85.70%	58.30%	100.00%	81.20%
	No	Count	4	3	1	5	0	13
		% within Main heating fuel	10.30%	30.00%	14.30%	41.70%	0.00%	18.80%
	Total	Count	39	10	7	12	1	69
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

SH3: What type of heating system is your main source of heat? \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	kerosene	Total
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	31	9	21	7	68
		% within Main heating fuel	48.40%	50.00%	72.40%	87.50%	57.10%
	Boiler + Radiator + Hot Water (aka forced hot water)	Count	8	3	4	0	15
		% within Main heating fuel	12.50%	16.70%	13.80%	0.00%	12.60%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	12	2	2	0	16
		% within Main heating fuel	18.80%	11.10%	6.90%	0.00%	13.40%
	Boiler + Radiator + Steam	Count	1	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.80%
	Radiator + DK (i.e., other components)	Count	1	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.80%

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

unknown)	% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.80%
Could Identify Fuel, But Not Equipment	Count	2	2	1	0	5
	% within Main heating fuel	3.10%	11.10%	3.40%	0.00%	4.20%
Other (please specify)	Count	1	0	0	0	1
	% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.80%
DON'T KNOW	Count	5	1	1	1	8
	% within Main heating fuel	7.80%	5.60%	3.40%	12.50%	6.70%
REFUSAL	Count	3	1	0	0	4
	% within Main heating fuel	4.70%	5.60%	0.00%	0.00%	3.40%
Total	Count	64	18	29	8	119
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

SH4: What type of heating system is your main source of heat? \* Main heating fuel Crosstabulation

			Main heating fuel	
			electricity	Total
SH4: What type of heating system is your main source of heat?	Resistance (baseboard/ceiling/floor/wall)	Count	7	7
		% within Main heating fuel	50.00%	50.00%
	Furnace: central forced air furnace (fan circulates air through ducts)	Count	1	1
		% within Main heating fuel	7.10%	7.10%
	Heat Pump + Wall (through-the-wall-looks like AC, but provides heat)	Count	2	2
		% within Main heating fuel	14.30%	14.30%
	Portable heaters	Count	2	2
		% within Main heating fuel	14.30%	14.30%
	Other system type (please specify)	Count	1	1
		% within Main heating fuel	7.10%	7.10%
	DON'T KNOW	Count	1	1
		% within Main heating fuel	7.10%	7.10%
	Total	Count	14	14
		% within Main heating fuel	100.00%	100.00%

SH6: When was the last time you had a tune-up or maintenance done on your main heating system? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
SH6: When was the last time you had a tune-up or maintenance done on your main	Within this past year	Count	21	0	11	20	7	59
		% within Main heating fuel	32.80%	0.00%	61.10%	69.00%	87.50%	44.40%
	About 1 to 2 years	Count	9	1	2	4	0	16
		% within Main heating fuel	14.10%	1.60%	10.50%	20.00%	0.00%	10.60%



Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

On your main heating system?	ago	% within Main heating fuel	natural gas	electricity	propane	oil	kerosene	Total
			14.10%	7.10%	11.10%	13.80%	0.00%	12.00%
2 to 3 years ago	Count		5	1	0	0	0	6
	% within Main heating fuel		7.80%	7.10%	0.00%	0.00%	0.00%	4.50%
More than 3 years ago	Count		4	0	2	0	0	6
	% within Main heating fuel		6.20%	0.00%	11.10%	0.00%	0.00%	4.50%
DON'T KNOW	Count		25	12	3	5	1	46
	% within Main heating fuel		39.10%	85.70%	16.70%	17.20%	12.50%	34.60%
Total	Count		64	14	18	29	8	133
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

SH7: About how old is your main heating system? \* Main heating fuel Crosstabulation

SH7: About how old is your main heating system?			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
Under 5 years old	Count		15	1	8	4	1	29
	% within Main heating fuel		23.40%	7.10%	44.40%	13.80%	12.50%	21.80%
5 to 10 years old (installed in the late 1990s to early 2000s)	Count		9	1	3	6	2	21
	% within Main heating fuel		14.10%	7.10%	16.70%	20.70%	25.00%	15.80%
10 to 25 years old (say about 1980 to the late 1990s)	Count		20	1	3	10	0	34
	% within Main heating fuel		31.20%	7.10%	16.70%	34.50%	0.00%	25.60%
25 to 40 years old (say about 1965 through 1980)	Count		0	1	1	3	2	7
	% within Main heating fuel		0.00%	7.10%	5.60%	10.30%	25.00%	5.30%
DON'T KNOW	Count		20	10	3	6	3	42
	% within Main heating fuel		31.20%	71.40%	16.70%	20.70%	37.50%	31.60%
Total	Count		64	14	18	29	8	133
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient? \* Main heating fuel Crosstabulation

SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
Yes	Count		8	1	4	4	1	18
	% within Main heating fuel		33.30%	50.00%	36.40%	40.00%	33.30%	36.00%
No	Count		3	0	3	2	0	8
	% within Main heating fuel		12.50%	0.00%	27.30%	20.00%	0.00%	16.00%
Not applicable-someone else installed the equipment	Count		9	1	4	3	2	19
	% within Main heating fuel		37.50%	50.00%	36.40%	30.00%	66.70%	38.00%
DON'T KNOW	Count		4	0	0	1	0	5
	% within Main heating fuel		16.70%	0.00%	0.00%	10.00%	0.00%	10.00%
Total	Count		24	2	11	10	3	50

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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SH9: Is this system we've been talking about the only way you heat this home? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
SH9: Is this system we've been talking about the only way you heat this home?	Yes	Count	57	10	15	25	6	113
		% within Main heating fuel	89.10%	71.40%	83.30%	86.20%	75.00%	85.00%
	No	Count	7	4	3	4	2	20
		% within Main heating fuel	10.90%	28.60%	16.70%	13.80%	25.00%	15.00%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

SH10: What type of fuel does the secondary heating system use? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
SH10: What type of fuel does the secondary heating system use?	Natural gas purchased from	Count	1	1	0	0	0	2
		% within Main heating fuel	14.30%	25.00%	0.00%	0.00%	0.00%	10.00%
	Electric	Count	4	0	1	3	1	9
		% within Main heating fuel	57.10%	0.00%	33.30%	75.00%	50.00%	45.00%
	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Count	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	33.30%	0.00%	0.00%	5.00%
	Kerosene	Count	0	1	0	0	0	1
		% within Main heating fuel	0.00%	25.00%	0.00%	0.00%	0.00%	5.00%
	Wood	Count	2	2	1	1	1	7
		% within Main heating fuel	28.60%	50.00%	33.30%	25.00%	50.00%	35.00%
	Total	Count	7	4	3	4	2	20
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

SH11: What type of heating system is your secondary source of heat? \* Main heating fuel Crosstabulation

			Main heating fuel			
			natural gas	electricity	propane	Total
SH11: What type of heating system is your secondary source of heat?	Radiator + DK (i.e., other components unknown)	Count	0	1	0	1
		% within Main heating fuel	0.00%	50.00%	0.00%	25.00%
	Fireplace / Woodstove	Count	0	0	1	1
		% within Main heating fuel	0.00%	0.00%	100.00%	25.00%
	Other (please specify)	Count	0	1	0	1
		% within Main heating fuel	0.00%	50.00%	0.00%	25.00%
	REFUSAL	Count	1	0	0	1

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	100.00%	0.00%	0.00%	25.00%
Total	Count		1	2	1	4
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%

SH12: What type of heating system is your secondary source of heat? \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	kerosene	Total
SH12: What type of heating system is your secondary source of heat?	Resistance (baseboard/ceiling/floor/wall)	Count	2	1	0	0	3
		% within Main heating fuel	50.00%	100.00%	0.00%	0.00%	33.30%
	Portable heaters	Count	0	0	1	1	2
		% within Main heating fuel	0.00%	0.00%	33.30%	100.00%	22.20%
	Could Identify Fuel, But Not Equipment	Count	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	33.30%	0.00%	11.10%
	REF	Count	2	0	1	0	3
		% within Main heating fuel	50.00%	0.00%	33.30%	0.00%	33.30%
	Total	Count	4	1	3	1	9
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

SH13: Do you use cord wood or pellets? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
SH13: Do you use cord wood or pellets?	Cord wood	Count	2	1	1	0	1	5
		% within Main heating fuel	100.00%	50.00%	100.00%	0.00%	100.00%	71.40%
	Pellets	Count	0	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	100.00%	0.00%	14.30%
	REF	Count	0	1	0	0	0	1
		% within Main heating fuel	0.00%	50.00%	0.00%	0.00%	0.00%	14.30%
	Total	Count	2	2	1	1	1	7
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

SH14: Do you have a programmable thermostat? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
SH14: Do you have a programmable thermostat?	Yes	Count	28	6	15	4	4	57
		% within Main heating fuel	43.80%	42.90%	83.30%	13.80%	50.00%	42.90%
	No	Count	36	7	3	25	4	75
		% within Main heating fuel	56.20%	50.00%	16.70%	86.20%	50.00%	56.40%
	DON'T KNOW	Count	0	1	0	0	0	1
		% within Main heating fuel	0.00%	7.10%	0.00%	0.00%	0.00%	0.80%
Total	Count	64	14	18	29	8	133	

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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**SH15: In the winter, what temperature do you typically set your thermostat to when you are at home?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	8	5.9	5.9	5.9
	55	1	0.7	0.7	6.7
	58	5	3.7	3.7	10.4
	60	6	4.4	4.4	14.8
	62	5	3.7	3.7	18.5
	63	1	0.7	0.7	19.3
	64	3	2.2	2.2	21.5
	65	7	5.2	5.2	26.7
	66	6	4.4	4.4	31.1
	67	4	3	3	34.1
	68	29	21.5	21.5	55.6
	69	4	3	3	58.5
	70	35	25.9	25.9	84.4
	71	4	3	3	87.4
	72	8	5.9	5.9	93.3
	73	3	2.2	2.2	95.6
	74	1	0.7	0.7	96.3
75	3	2.2	2.2	98.5	
80	2	1.5	1.5	100	
Total		135	100	100	

**SH16: Do you turn down the temperature at times such as at night or when you are not at home? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
SH16: Do you turn down the temperature at times such as at night or when you are not at home?	Yes	Count	45	11	13	19	4	92
		% within Main heating fuel	70.30%	78.60%	72.20%	65.50%	50.00%	69.20%
	No	Count	18	3	5	10	4	40
		% within Main heating fuel	28.10%	21.40%	27.80%	34.50%	50.00%	30.10%
	DON'T KNOW	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**SC1: Do you have central air conditioning? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
SC1: Do you have central air conditioning?	Yes	Count	19	0	4	4	3	30
		% within Main heating fuel	29.70%	0.00%	22.20%	13.80%	37.50%	22.60%
	No	Count	45	14	14	25	5	103
		% within Main heating fuel	70.30%	100.00%	77.80%	86.20%	62.50%	77.40%
	Total	Count	64	14	18	29	8	133

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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SC2: About how many of the days during the summer are you running your central air conditioner? \* Main heating fuel  
Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	kerosene	Total
SC2: About how many of the days during the summer are you running your central air conditioner?	Every day or most days	Count	2	1	0	1	4
		% within Main heating fuel	10.50%	25.00%	0.00%	33.30%	13.30%
	Several days a week most weeks	Count	1	0	0	0	1
		% within Main heating fuel	5.30%	0.00%	0.00%	0.00%	3.30%
	Just the hottest days of the summer	Count	16	3	4	1	24
		% within Main heating fuel	84.20%	75.00%	100.00%	33.30%	80.00%
	DON'T KNOW	Count	0	0	0	1	1
		% within Main heating fuel	0.00%	0.00%	0.00%	33.30%	3.30%
	Total	Count	19	4	4	3	30
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

SC3: In the summer, what temperature do you typically set your cooling thermostat to when you are at home?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	3	2.2	10	10
	55	1	0.7	3.3	13.3
	69	1	0.7	3.3	16.7
	70	8	5.9	26.7	43.3
	71	1	0.7	3.3	46.7
	72	3	2.2	10	56.7
	73	3	2.2	10	66.7
	74	2	1.5	6.7	73.3
	75	3	2.2	10	83.3
	76	1	0.7	3.3	86.7
	78	3	2.2	10	96.7
	80	1	0.7	3.3	100
	Total		30	22.2	100
Missing	System	105	77.8		
Total		135	100		

SC4: Do you turn up the temperature at times such as at night or when you are not at home? \* Main heating fuel  
Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	kerosene	Total
SC4: Do you turn up the temperature at times such as at night or when you are not at home?	Yes	Count	10	1	3	0	14
		% within Main heating fuel	52.60%	25.00%	75.00%	0.00%	46.70%
	No	Count	9	3	1	3	16
		% within Main heating fuel	47.40%	75.00%	25.00%	100.00%	53.30%
	Total	Count	19	4	4	3	30
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

**SC5: Have you ever had a tune-up or maintenance done on your central air conditioning system? \* Main heating fuel Crosstabulation**

			Main heating fuel				
			natural gas	propane	oil	kerosene	Total
SC5: Have you ever had a tune-up or maintenance done on your central air conditioning system?	Yes	Count	8	0	3	2	13
		% within Main heating fuel	42.10%	0.00%	75.00%	66.70%	43.30%
	No	Count	10	4	1	1	16
		% within Main heating fuel	52.60%	100.00%	25.00%	33.30%	53.30%
	DON'T KNOW	Count	1	0	0	0	1
		% within Main heating fuel	5.30%	0.00%	0.00%	0.00%	3.30%
	Total	Count	19	4	4	3	30
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

**SC6: When was the last time you had a tune-up or maintenance done? \* Main heating fuel Crosstabulation**

			Main heating fuel			
			natural gas	oil	kerosene	Total
SC6: When was the last time you had a tune-up or maintenance done?	Within this past year	Count	3	3	1	7
		% within Main heating fuel	37.50%	100.00%	50.00%	53.80%
	The year before that	Count	1	0	0	1
		% within Main heating fuel	12.50%	0.00%	0.00%	7.70%
	2 to 3 years ago	Count	3	0	0	3
		% within Main heating fuel	37.50%	0.00%	0.00%	23.10%
	More than 3 years ago	Count	0	0	1	1
		% within Main heating fuel	0.00%	0.00%	50.00%	7.70%
	DON'T KNOW	Count	1	0	0	1
		% within Main heating fuel	12.50%	0.00%	0.00%	7.70%
	Total	Count	8	3	2	13
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%

**SC7: How many room air conditioners do you typically have plugged in, if any?**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	58	43	43
	1	44	32.6	75.6
	2	22	16.3	91.9
	3	11	8.1	100
	Total	135	100	100

**SC8: What is the typical temperature setting for you room air conditioner(s)when you are at home?**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	8	5.9	10.4

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

NOT APPLICABLE - CANNOT SET TEMPERATURE	16	11.9	20.8	31.2
0	1	0.7	1.3	32.5
54	1	0.7	1.3	33.8
58	1	0.7	1.3	35.1
60	2	1.5	2.6	37.7
63	1	0.7	1.3	39
65	5	3.7	6.5	45.5
66	1	0.7	1.3	46.8
68	11	8.1	14.3	61
69	3	2.2	3.9	64.9
70	15	11.1	19.5	84.4
71	2	1.5	2.6	87
72	4	3	5.2	92.2
74	2	1.5	2.6	94.8
75	3	2.2	3.9	98.7
78	1	0.7	1.3	100
Total	77	57	100	
Missing System	58	43		
Total	135	100		

SC9: About how many of the days during the summer are you running your room air conditioners? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
SC9: About how many of the days during the summer are you running your room air conditioners?	Every day or most days	Count	2	2	0	3	0	7
		% within Main heating fuel	5.70%	28.60%	0.00%	14.30%	0.00%	9.30%
	Several days a week or most weeks	Count	3	0	0	3	1	7
		% within Main heating fuel	8.60%	0.00%	0.00%	14.30%	25.00%	9.30%
	Just the hottest days of the summer	Count	29	5	8	15	3	60
		% within Main heating fuel	82.90%	71.40%	100.00%	71.40%	75.00%	80.00%
	DON'T KNOW	Count	1	0	0	0	0	1
		% within Main heating fuel	2.90%	0.00%	0.00%	0.00%	0.00%	1.30%
	Total	Count	35	7	8	21	4	75
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

WH1: What is the main fuel you use to heat water? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
WH1: What is the main fuel you use to heat water?	Natural gas [CONFIRM: IS IT PIPED AND METERED?]	Count	49	2	0	1	0	52
		% within Main heating fuel	76.60%	14.30%	0.00%	3.40%	0.00%	39.10%
	Electric	Count	7	10	6	15	6	44
		% within Main heating fuel	10.90%	71.40%	33.30%	51.70%	75.00%	33.10%
	Oil	Count	0	0	0	9	0	9
		% within Main heating fuel	0.00%	0.00%	0.00%	31.00%	0.00%	6.80%
	Kerosene	Count	0	0	0	0	1	1
		% within Main heating fuel	0.00%	0.00%	0.00%	0.00%	2.50%	1.30%

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	0.00%	0.00%	0.00%	0.00%	12.50%	0.80%
Propane or bottled gas [CONFIRM: DELIVERED BY TRUCK?]	Count		0	0	11	2	1	14
	% within Main heating fuel		0.00%	0.00%	61.10%	6.90%	12.50%	10.50%
DON'T KNOW	Count		8	2	1	2	0	13
	% within Main heating fuel		12.50%	14.30%	5.60%	6.90%	0.00%	9.80%
Total	Count		64	14	18	29	8	133
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

WH2: What type of system is your main water heater? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
WH2: What type of system is your main water heater?	Traditional water heater tank	Count	39	10	12	16	7	84
		% within Main heating fuel	60.90%	71.40%	66.70%	55.20%	87.50%	63.20%
	Whole house tankless system running off boiler	Count	4	0	1	4	0	9
		% within Main heating fuel	6.20%	0.00%	5.60%	13.80%	0.00%	6.80%
	Whole house on-demand system-water is heated centrally as you use it	Count	2	0	1	1	0	4
		% within Main heating fuel	3.10%	0.00%	5.60%	3.40%	0.00%	3.00%
	Point-of-use, where the water is heated at the tap as you use it,	Count	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	5.60%	0.00%	0.00%	0.80%
	or something else? (specify)	Count	0	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	3.40%	0.00%	0.80%
DON'T KNOW	Count	18	4	3	7	1	33	
		% within Main heating fuel	28.10%	28.60%	16.70%	24.10%	12.50%	24.80%
REFUSED	Count	1	0	0	0	0	1	
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
Total	Count	64	14	18	29	8	133	
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

WH3: When running hot water only, can you hold your hand under the hot water for more than a moment without being scalded? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
WH3: When running hot water only, can you hold your hand under the hot water for more than a moment without being scalded?	Yes	Count	43	9	9	22	6	89
		% within Main heating fuel	67.20%	64.30%	50.00%	75.90%	75.00%	66.90%
	No	Count	21	5	8	6	2	42
		% within Main heating fuel	32.80%	35.70%	44.40%	20.70%	25.00%	31.60%
DON'T KNOW	Count	0	0	1	1	0	2	
		% within Main heating fuel	0.00%	0.00%	5.60%	3.40%	0.00%	0.80%



Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	0.00%	0.00%	5.60%	3.40%	0.00%	1.50%
Total	Count		64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

WH4: Are you using water-saving devices such as faucet aerators in this home? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
WH4: Are you using water-saving devices such as faucet aerators in this home?	Yes	Count	21	5	7	13	3	49
		% within Main heating fuel	32.80%	35.70%	38.90%	44.80%	37.50%	36.80%
	No	Count	34	9	6	16	5	70
		% within Main heating fuel	53.10%	64.30%	33.30%	55.20%	62.50%	52.60%
	DON'T KNOW	Count	9	0	5	0	0	14
		% within Main heating fuel	14.10%	0.00%	27.80%	0.00%	0.00%	10.50%
Total	Count	64	14	18	29	8	133	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

WH5: Does this home have an indoor Jacuzzi or spa-type tub? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
WH5: Does this home have an indoor Jacuzzi or spa-type tub?	Yes	Count	0	1	4	1	1	7
		% within Main heating fuel	0.00%	7.10%	22.20%	3.40%	12.50%	5.30%
	No	Count	64	13	14	28	7	126
		% within Main heating fuel	100.00%	92.90%	77.80%	96.60%	87.50%	94.70%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

WH6: Approximately how many times a month do you use the Jacuzzi or spa tub?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	5	3.7	71.4	71.4
	1	2	1.5	28.6	100
	Total	7	5.2	100	
Missing	System	128	94.8		
Total		135	100		

CW1: Do you own a clothes washer? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
CW1: Do you own a clothes washer?	Yes	Count	48	10	14	23	8	103
		% within Main heating fuel	75.00%	71.40%	77.80%	79.30%	100.00%	77.40%
	No	Count	16	4	4	6	0	30
		% within Main heating fuel	25.00%	28.60%	22.20%	20.70%	0.00%	22.60%

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

Total	Count	64	14	18	29	8	133
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**CW2: Is your clothes washer a top loading or front loading model? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
CW2: Is your clothes washer a top loading or front loading model?	Top loading	Count	44	8	12	17	8	89
		% within Main heating fuel	91.70%	80.00%	85.70%	73.90%	100.00%	86.40%
	Front loading	Count	4	2	2	6	0	14
		% within Main heating fuel	8.30%	20.00%	14.30%	26.10%	0.00%	13.60%
	Total	Count	48	10	14	23	8	103
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**CW3: Do you own a clothes dryer? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
CW3: Do you own a clothes dryer?	Yes	Count	45	9	14	23	8	99
		% within Main heating fuel	70.30%	64.30%	77.80%	79.30%	100.00%	74.40%
	No	Count	19	5	4	6	0	34
		% within Main heating fuel	29.70%	35.70%	22.20%	20.70%	0.00%	25.60%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**CW4: Is that an electric dryer or a gas dryer? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
CW4: Is that an electric dryer or a gas dryer?	Electric	Count	40	9	12	23	7	91
		% within Main heating fuel	88.90%	100.00%	85.70%	100.00%	87.50%	91.90%
	Gas	Count	4	0	2	0	1	7
		% within Main heating fuel	8.90%	0.00%	14.30%	0.00%	12.50%	7.10%
	DON'T KNOW	Count	1	0	0	0	0	1
		% within Main heating fuel	2.20%	0.00%	0.00%	0.00%	0.00%	1.00%
	Total	Count	45	9	14	23	8	99
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**CW5: About how many loads of laundry per week do you typically do?**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-9	3	2.2	2.9
	0	1	0.7	3.8
	1	12	8.9	15.4
	2	17	12.6	31.7
	3	25	18.5	55.8

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

	4	10	7.4	9.6	65.4
	5	11	8.1	10.6	76
	6	9	6.7	8.7	84.6
	7	5	3.7	4.8	89.4
	8	1	0.7	1	90.4
	9	1	0.7	1	91.3
	10	3	2.2	2.9	94.2
	12	2	1.5	1.9	96.2
	14	1	0.7	1	97.1
	15	1	0.7	1	98.1
	20	2	1.5	1.9	100
	Total	104	77	100	
Missing	System	31	23		
Total		135	100		

CW6: How often do you use line drying throughout the year? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
CW6: How often do you use line drying throughout the year?	Never	Count	32	6	8	10	5	61
		% within Main heating fuel	66.70%	60.00%	57.10%	43.50%	62.50%	59.20%
	Rarely	Count	6	0	2	5	1	14
		% within Main heating fuel	12.50%	0.00%	14.30%	21.70%	12.50%	13.60%
	Occasionally	Count	6	2	1	3	1	13
		% within Main heating fuel	12.50%	20.00%	7.10%	13.00%	12.50%	12.60%
	Most of the time	Count	4	1	2	5	1	13
		% within Main heating fuel	8.30%	10.00%	14.30%	21.70%	12.50%	12.60%
	Always or almost always	Count	0	1	1	0	0	2
		% within Main heating fuel	0.00%	10.00%	7.10%	0.00%	0.00%	1.90%
	Total	Count	48	10	14	23	8	103
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

R1: How many refrigerators do you have plugged in?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	129	95.6	95.6	95.6
	2	6	4.4	4.4	100
	Total	135	100	100	

R2: How many stand-alone freezers do you have plugged in?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	110	81.5	81.5	81.5
	1	24	17.8	17.8	99.3
	2	1	0.7	0.7	100
	Total	135	100	100	

D1: Do you have a dishwasher? \* Main heating fuel Crosstabulation

		Main heating fuel
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Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

			natural gas	electricity	propane	oil	kerosene	Total
D1: Do you have a dishwasher?	Yes	Count	37	8	13	12	6	76
		% within Main heating fuel	57.80%	57.10%	72.20%	41.40%	75.00%	57.10%
	No	Count	27	6	5	17	2	57
		% within Main heating fuel	42.20%	42.90%	27.80%	58.60%	25.00%	42.90%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

D2: How many loads of dishes per week do you typically do?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DON'T KNOW	4	3	5.3	5.3
	0	12	8.9	15.8	21.1
	1	18	13.3	23.7	44.7
	2	12	8.9	15.8	60.5
	3	9	6.7	11.8	72.4
	4	7	5.2	9.2	81.6
	5	7	5.2	9.2	90.8
	6	1	0.7	1.3	92.1
	7	6	4.4	7.9	100
	Total	76	56.3	100	
Missing	System	59	43.7		
Total		135	100		

DH1: How many dehumidifiers do you have plugged in, if any?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	120	88.9	88.9	88.9
	1	14	10.4	10.4	99.3
	2	1	0.7	0.7	100
	Total	135	100	100	

DH2: About what percentage of the year would you say you use your dehumidifier?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	1	0.7	6.7	6.7
	10	1	0.7	6.7	13.3
	20	1	0.7	6.7	20
	25	2	1.5	13.3	33.3
	30	1	0.7	6.7	40
	33	3	2.2	20	60
	40	3	2.2	20	80
	45	1	0.7	6.7	86.7
	50	1	0.7	6.7	93.3
	80	1	0.7	6.7	100
Total	15	11.1	100		
Missing	System	120	88.9		
Total		135	100		

**Warnings**

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

The crosstabulation of HT1: Do you have an outdoor hot tub at this home? * Main heating fuel is empty.
The crosstabulation of HT2: How often do you heat the hot tub water in the winter? * Main heating fuel is empty.
The crosstabulation of HT3: What fuel do you use to heat the hot tub? * Main heating fuel is empty.
The crosstabulation of HT4: Do you heat the water on a timer? * Main heating fuel is empty.
The crosstabulation of HT5: Do you use a hot tub cover? * Main heating fuel is empty.
The crosstabulation of HT6: Does this home have a heated pool? * Main heating fuel is empty.
The crosstabulation of HT7: What fuel do you use to heat the pool? * Main heating fuel is empty.

**TC1A: Please tell me how many Conventional TVs you have**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	14	10.4	10.4
	1	43	31.9	42.2
	2	46	34.1	76.3
	3	25	18.5	94.8
	4	6	4.4	99.3
	5	1	0.7	100
Total	135	100	100	

**TC1B: Please tell me how many plasma screens you have.**

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	119	88.1	88.1	88.1
	1	13	9.6	9.6	97.8
	2	3	2.2	2.2	100
	Total	135	100	100	

TC1C: Please tell me how many LCD screens you have.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	110	81.5	81.5	81.5
	1	22	16.3	16.3	97.8
	2	3	2.2	2.2	100
	Total	135	100	100	

TC2: How many computers do you have plugged in on a typical day?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	44	32.6	32.6	32.6
	1	58	43	43	75.6
	2	27	20	20	95.6
	3	4	3	3	98.5
	4	2	1.5	1.5	100
	Total	135	100	100	

**Warnings**

The crosstabulation of TC3\_5: Which of the following describe what usually happens when you are done using a computer.[5 \* Main heating fuel is empty.

TC3\_1: Which of the following describe what usually happens when you are done using a computer.[1 \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
TC3_1: Which of the following describe what usually happens when you are done using a computer.[1	leave it on so it will be ready the next time you want to use it	Count	9	2	2	6	1	20
		% within Main heating fuel	20.90%	22.20%	13.30%	27.30%	50.00%	22.00%
	put it in sleep mode	Count	4	0	4	3	0	11
		% within Main heating fuel	9.30%	0.00%	26.70%	13.60%	0.00%	12.10%
	power down the computer	Count	21	7	6	8	0	42
		% within Main heating fuel	48.80%	77.80%	40.00%	36.40%	0.00%	46.20%
turn off the monitor	Count	6	0	2	5	1	14	
	% within Main heating fuel	13.60%	0.00%	13.30%	9.30%	5.00%	15.60%	

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

	of a personal computer	% within Main heating fuel	14.00%	0.00%	13.30%	22.70%	50.00%	15.40%
	plug in if a laptop	Count	3	0	1	0	0	4
		% within Main heating fuel	7.00%	0.00%	6.70%	0.00%	0.00%	4.40%
	Total	Count	43	9	15	22	2	91
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

TC3\_2: Which of the following describe what usually happens when you are done using a computer. |2 \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	electricity	propane	oil	Total
TC3_2: Which of the following describe what usually happens when you are done using a computer.  2	put it in sleep mode	Count	1	0	1	0	2
		% within Main heating fuel	12.50%	0.00%	33.30%	0.00%	11.80%
	power down the computer	Count	4	1	1	1	7
		% within Main heating fuel	50.00%	33.30%	33.30%	33.30%	41.20%
	turn off the monitor of a personal computer	Count	2	1	0	1	4
		% within Main heating fuel	25.00%	33.30%	0.00%	33.30%	23.50%
	plug in if a laptop	Count	1	1	1	1	4
		% within Main heating fuel	12.50%	33.30%	33.30%	33.30%	23.50%
	Total	Count	8	3	3	3	17
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

TC3\_3: Which of the following describe what usually happens when you are done using a computer. |3 \* Main heating fuel Crosstabulation

			Main heating fuel	
			natural gas	Total
TC3_3: Which of the following describe what usually happens when you are done using a computer.  3	power down the computer	Count	1	1
		% within Main heating fuel	100.00%	100.00%
	Total	Count	1	1
		% within Main heating fuel	100.00%	100.00%

TC3\_4: Which of the following describe what usually happens when you are done using a computer. |4 \* Main heating fuel Crosstabulation

			Main heating fuel	
			natural gas	Total
TC3_4: Which of the following describe what usually happens when you are done using a computer.  4	turn off the monitor of a personal computer	Count	1	1
		% within Main heating fuel	100.00%	100.00%
	Total	Count	1	1
		% within Main heating fuel	100.00%	100.00%

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

**L1: Are you familiar with a compact fluorescent light bulb, sometimes referred to as a CFL bulb? \* Main heating fuel Crosstabulation**

			Main heating fuel					Total
			natural gas	electricity	propane	oil	kerosene	
L1: Are you familiar with a compact fluorescent light bulb, sometimes referred to as a CFL bulb?	Yes	Count	55	14	18	24	8	119
		% within Main heating fuel	85.90%	100.00%	100.00%	82.80%	100.00%	89.50%
	No	Count	9	0	0	4	0	13
		% within Main heating fuel	14.10%	0.00%	0.00%	13.80%	0.00%	9.80%
	DON'T KNOW	Count	0	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	0.00%	3.40%	0.00%	0.80%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**L2: CFL bulbs are small fluorescent bulbs that fit into regular light bulb sockets. Does this sound like something you've seen? \* Main heating fuel Crosstabulation**

			Main heating fuel		
			natural gas	oil	Total
L2: CFL bulbs are small fluorescent bulbs that fit into regular light bulb sockets. Does this sound like something you've seen?	Yes	Count	3	3	6
		% within Main heating fuel	33.30%	60.00%	42.90%
	No	Count	6	1	7
		% within Main heating fuel	66.70%	20.00%	50.00%
	DON'T KNOW	Count	0	1	1
		% within Main heating fuel	0.00%	20.00%	7.10%
	Total	Count	9	5	14
		% within Main heating fuel	100.00%	100.00%	100.00%

**L3: Do you currently have any of these bulbs installed in this home? \* Main heating fuel Crosstabulation**

			Main heating fuel					Total
			natural gas	electricity	propane	oil	kerosene	
L3: Do you currently have any of these bulbs installed in this home?	Yes	Count	35	8	13	21	5	82
		% within Main heating fuel	60.30%	57.10%	72.20%	77.80%	62.50%	65.60%
	No	Count	22	6	5	6	3	42
		% within Main heating fuel	37.90%	42.90%	27.80%	22.20%	37.50%	33.60%
	DON'T KNOW	Count	1	0	0	0	0	1
		% within Main heating fuel	1.70%	0.00%	0.00%	0.00%	0.00%	0.80%
	Total	Count	58	14	18	27	8	125
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**L4A: REPORT ACTUAL NUMBER: About how many of these bulbs are currently installed in this home?**



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		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	1	0.7	1.8	1.8
	1	5	3.7	9.1	10.9
	2	7	5.2	12.7	23.6
	3	9	6.7	16.4	40
	4	8	5.9	14.5	54.5
	5	1	0.7	1.8	56.4
	6	6	4.4	10.9	67.3
	7	1	0.7	1.8	69.1
	8	1	0.7	1.8	70.9
	10	7	5.2	12.7	83.6
	11	1	0.7	1.8	85.5
	12	2	1.5	3.6	89.1
	15	4	3	7.3	96.4
	20	1	0.7	1.8	98.2
	35	1	0.7	1.8	100
	Total	55	40.7	100	
Missing	System	80	59.3		
Total		135	100		

**L4B: REPORT PERCENTAGE: What percent of installed light bulbs in your home are currently CFL bulbs?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	20	1	0.7	3.7	3.7
	40	2	1.5	7.4	11.1
	50	3	2.2	11.1	22.2
	60	1	0.7	3.7	25.9
	75	3	2.2	11.1	37
	80	2	1.5	7.4	44.4
	90	5	3.7	18.5	63
	95	3	2.2	11.1	74.1
	98	1	0.7	3.7	77.8
	100	6	4.4	22.2	100
		Total	27	20	100
Missing	System	108	80		
Total		135	100		

**Warnings**

The crosstabulation of L5\_3: When you purchased the CFL, did you:|3 \* Main heating fuel is empty.

The crosstabulation of PP9\_3: What else did you purchase?|3 \* Main heating fuel is empty.

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

The crosstabulation of PP9_5: What else did you purchase? 5 * Main heating fuel is empty.
The crosstabulation of PP9_6: What else did you purchase? 6 * Main heating fuel is empty.
The crosstabulation of PP9_7: What else did you purchase? 7 * Main heating fuel is empty.
The crosstabulation of PP9_8: What else did you purchase? 8 * Main heating fuel is empty.
The crosstabulation of PP9_9: What else did you purchase? 9 * Main heating fuel is empty.
The crosstabulation of PP9_10: What else did you purchase? 10 * Main heating fuel is empty.
The crosstabulation of PP9_11: What else did you purchase? 11 * Main heating fuel is empty.
The crosstabulation of PP9_12: What else did you purchase? 12 * Main heating fuel is empty.
The crosstabulation of PP9_13: What else did you purchase? 13 * Main heating fuel is empty.

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The crosstabulation of PP9\_14: What else did you purchase?|14 \* Main heating fuel is empty.

The crosstabulation of PS4: Why do you say that? \* Main heating fuel is empty.

The crosstabulation of PS5\_6: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.|6 \* Main heating fuel is empty.

The crosstabulation of PS5\_7: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.|7 \* Main heating fuel is empty.

The crosstabulation of PS5\_8: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.|8 \* Main heating fuel is empty.

L5\_1: When you purchased the CFL, did you:|1 \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
L5_1: When you purchased the CFL, did you: 1	receive an in store rebate	Count	7	0	3	6	0	16
		% within Main heating fuel	20.00%	0.00%	23.10%	28.60%	0.00%	19.50%
	purchase it from	Count	2	1	0	0	0	3

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	NHSaves Lighting Catalog	% within Main heating fuel	Main heating fuel					3.70%
			natural gas	electricity	propane	oil	Total	
	none of the above	Count	24	7	10	14	5	60
		% within Main heating fuel	68.60%	87.50%	76.90%	66.70%	100.00%	73.20%
	DON'T KNOW	Count	2	0	0	1	0	3
		% within Main heating fuel	5.70%	0.00%	0.00%	4.80%	0.00%	3.70%
	Total	Count	35	8	13	21	5	82
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

L5\_2: When you purchased the CFL, did you:|2 \* Main heating fuel Crosstabulation

			Main heating fuel	
			natural gas	Total
L5_2: When you purchased the CFL, did you: 2	receive an in store rebate	Count	1	1
		% within Main heating fuel	100.00%	100.00%
	Total	Count	1	1
		% within Main heating fuel	100.00%	100.00%

PP1: Have you remodeled any portion of this home in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PP1: Have you remodeled any portion of this home in the last five years?	Yes	Count	14	2	2	8	0	26
		% within Main heating fuel	21.90%	14.30%	11.10%	27.60%	0.00%	19.50%
	No	Count	49	12	16	19	8	104
		% within Main heating fuel	76.60%	85.70%	88.90%	65.50%	100.00%	78.20%
	DON'T KNOW	Count	1	0	0	2	0	3
		% within Main heating fuel	1.60%	0.00%	0.00%	6.90%	0.00%	2.30%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP2: Did you specifically consider or include energy efficient features? \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	electricity	propane	oil	Total
PP2: Did you specifically consider or include energy efficient features?	Yes	Count	9	1	0	4	14
		% within Main heating fuel	64.30%	50.00%	0.00%	50.00%	53.80%
	No	Count	4	1	0	4	9
		% within Main heating fuel	28.60%	50.00%	0.00%	50.00%	34.60%
	DON'T KNOW	Count	1	0	2	0	3
		% within Main heating fuel	7.10%	0.00%	100.00%	0.00%	11.50%
	Total	Count	14	2	2	8	26
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

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PP3: Do you plan on remodeling any portion of this home in the next 12 months? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PP3: Do you plan on remodeling any portion of this home in the next 12 months?	Yes	Count	7	0	0	3	1	11
		% within Main heating fuel	10.90%	0.00%	0.00%	10.30%	12.50%	8.30%
	No	Count	50	13	18	24	7	112
		% within Main heating fuel	78.10%	92.90%	100.00%	82.80%	87.50%	84.20%
	DON'T KNOW	Count	7	1	0	2	0	10
		% within Main heating fuel	10.90%	7.10%	0.00%	6.90%	0.00%	7.50%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP4: Do you specifically plan to include energy efficient features when remodeling? \* Main heating fuel Crosstabulation

			Main heating fuel			
			natural gas	oil	kerosene	Total
PP4: Do you specifically plan to include energy efficient features when remodeling?	Yes	Count	6	2	1	9
		% within Main heating fuel	85.70%	66.70%	100.00%	81.80%
	No	Count	0	1	0	1
		% within Main heating fuel	0.00%	33.30%	0.00%	9.10%
	DON'T KNOW	Count	1	0	0	1
		% within Main heating fuel	14.30%	0.00%	0.00%	9.10%
	Total	Count	7	3	1	11
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%

PP5: How much attention would you say you and your household pays to controlling energy costs? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PP5: How much attention would you say you and your household pays to controlling energy costs?	Substantial attention to these matters	Count	38	7	14	19	6	84
		% within Main heating fuel	59.40%	50.00%	77.80%	65.50%	75.00%	63.20%
	Some attention	Count	22	4	3	9	0	38
		% within Main heating fuel	34.40%	28.60%	16.70%	31.00%	0.00%	28.60%
	Very little attention	Count	3	2	1	0	1	7
		% within Main heating fuel	4.70%	14.30%	5.60%	0.00%	12.50%	5.30%
	No attention at all	Count	1	1	0	1	1	4
		% within Main heating fuel	1.60%	7.10%	0.00%	3.40%	12.50%	3.00%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP6: Are you familiar with the Energy Star logo? \* Main heating fuel Crosstabulation

			Main heating fuel				
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Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

			natural gas	electricity	propane	oil	kerosene	Total
PP6: Are you familiar with the Energy Star logo?	Yes	Count	49	11	17	21	4	102
		% within Main heating fuel	76.60%	78.60%	94.40%	72.40%	50.00%	76.70%
	No	Count	15	3	0	8	2	28
		% within Main heating fuel	23.40%	21.40%	0.00%	27.60%	25.00%	21.10%
	DON'T KNOW	Count	0	0	1	0	2	3
		% within Main heating fuel	0.00%	0.00%	5.60%	0.00%	25.00%	2.30%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7A\_1: Have you purchased central air conditioning in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel				
			natural gas	propane	oil	kerosene	Total
PP7A_1: Have you purchased central air conditioning in the last five years?	Yes	Count	4	2	0	2	8
		% within Main heating fuel	21.10%	50.00%	0.00%	66.70%	26.70%
	No	Count	15	1	4	1	21
		% within Main heating fuel	78.90%	25.00%	100.00%	33.30%	70.00%
	DON'T KNOW	Count	0	1	0	0	1
		% within Main heating fuel	0.00%	25.00%	0.00%	0.00%	3.30%
	Total	Count	19	4	4	3	30
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

PP7B\_1: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel			
			natural gas	propane	kerosene	Total
PP7B_1: Does the equipment currently have an Energy Star Logo?	Yes	Count	3	1	1	5
		% within Main heating fuel	75.00%	50.00%	50.00%	62.50%
	DON'T KNOW	Count	1	1	1	3
		% within Main heating fuel	25.00%	50.00%	50.00%	37.50%
	Total	Count	4	2	2	8
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%

PP7A\_2: Have you purchased a room air conditioning unit in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PP7A_2: Have you purchased a room air conditioning unit in the last five years?	Yes	Count	19	3	6	12	1	41
		% within Main heating fuel	54.30%	42.90%	75.00%	57.10%	25.00%	54.70%
	No	Count	16	4	2	9	3	34
		% within Main heating fuel	45.70%	57.10%	25.00%	42.90%	75.00%	45.30%
	Total	Count	35	7	8	21	4	75

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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**PP7B\_2: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PP7B_2: Does the equipment currently have an Energy Star Logo?	Yes	Count	11	3	5	8	1	28
		% within Main heating fuel	57.90%	100.00%	83.30%	66.70%	100.00%	68.30%
	No	Count	5	0	0	2	0	7
		% within Main heating fuel	26.30%	0.00%	0.00%	16.70%	0.00%	17.10%
	DON'T KNOW	Count	3	0	1	2	0	6
		% within Main heating fuel	15.80%	0.00%	16.70%	16.70%	0.00%	14.60%
	Total	Count	19	3	6	12	1	41
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**PP7A\_3: Have you purchased a water Heater in the last five years? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PP7A_3: Have you purchased a water Heater in the last five years?	Yes	Count	10	1	5	5	3	24
		% within Main heating fuel	15.60%	7.10%	27.80%	17.20%	37.50%	18.00%
	No	Count	53	13	11	24	5	106
		% within Main heating fuel	82.80%	92.90%	61.10%	82.80%	62.50%	79.70%
	DON'T KNOW	Count	1	0	2	0	0	3
		% within Main heating fuel	1.60%	0.00%	11.10%	0.00%	0.00%	2.30%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**PP7B\_3: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PP7B_3: Does the equipment currently have an Energy Star Logo?	Yes	Count	7	1	5	5	1	19
		% within Main heating fuel	70.00%	100.00%	100.00%	100.00%	33.30%	79.20%
	DON'T KNOW	Count	3	0	0	0	2	5
		% within Main heating fuel	30.00%	0.00%	0.00%	0.00%	66.70%	20.80%
	Total	Count	10	1	5	5	3	24
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**PP7A\_4: Have you purchased a refrigerator in the last five years? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PP7A_4: Have you	Yes	Count	14	2	6	4	2	28

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

purchased a refrigerator in the last five years?		% within Main heating fuel	21.90%	14.30%	33.30%	13.80%	25.00%	21.10%
			Count	50	12	11	25	6
No		% within Main heating fuel	78.10%	85.70%	61.10%	86.20%	75.00%	78.20%
		Count	0	0	1	0	0	1
DON'T KNOW		% within Main heating fuel	0.00%	0.00%	5.60%	0.00%	0.00%	0.80%
		Count	64	14	18	29	8	133
Total		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
		Count						

PP7B\_4: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PP7B_4: Does the equipment currently have an Energy Star Logo?	Yes	Count	12	1	6	3	0	22
		% within Main heating fuel	85.70%	50.00%	100.00%	75.00%	0.00%	78.60%
	No	Count	1	0	0	1	1	3
		% within Main heating fuel	7.10%	0.00%	0.00%	25.00%	50.00%	10.70%
	DON'T KNOW	Count	1	1	0	0	1	3
		% within Main heating fuel	7.10%	50.00%	0.00%	0.00%	50.00%	10.70%
	Total	Count	14	2	6	4	2	28
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7A\_5: Have you purchased a stand-alone freezer in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PP7A_5: Have you purchased a stand-alone freezer in the last five years?	Yes	Count	1	0	1	0	0	2
		% within Main heating fuel	11.10%	0.00%	33.30%	0.00%	0.00%	8.00%
	No	Count	8	1	1	9	2	21
		% within Main heating fuel	88.90%	100.00%	33.30%	90.00%	100.00%	84.00%
	DON'T KNOW	Count	0	0	1	1	0	2
		% within Main heating fuel	0.00%	0.00%	33.30%	10.00%	0.00%	8.00%
	Total	Count	9	1	3	10	2	25
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7B\_5: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel		
			natural gas	propane	Total
PP7B_5: Does the equipment currently have an Energy Star Logo?	Yes	Count	1	1	2
		% within Main heating fuel	100.00%	100.00%	100.00%
	Total	Count	1	1	2
		% within Main heating fuel	100.00%	100.00%	100.00%



Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

PP7A\_6: Have you purchased a clothes washer in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel					Total
			natural gas	electricity	propane	oil	kerosene	
PP7A_6: Have you purchased a clothes washer in the last five years?	Yes	Count	26	3	5	10	5	49
		% within Main heating fuel	54.20%	30.00%	35.70%	43.50%	62.50%	47.60%
	No	Count	22	7	8	13	3	53
		% within Main heating fuel	45.80%	70.00%	57.10%	56.50%	37.50%	51.50%
	DON'T KNOW	Count	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	7.10%	0.00%	0.00%	1.00%
	Total	Count	48	10	14	23	8	103
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7B\_6: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel					Total
			natural gas	electricity	propane	oil	kerosene	
PP7B_6: Does the equipment currently have an Energy Star Logo?	Yes	Count	15	1	5	6	1	28
		% within Main heating fuel	57.70%	33.30%	100.00%	60.00%	20.00%	57.10%
	No	Count	10	2	0	2	2	16
		% within Main heating fuel	38.50%	66.70%	0.00%	20.00%	40.00%	32.70%
	DON'T KNOW	Count	1	0	0	2	2	5
		% within Main heating fuel	3.80%	0.00%	0.00%	20.00%	40.00%	10.20%
	Total	Count	26	3	5	10	5	49
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7A\_7: Have you purchased a clothes dryer in the last five years? \* Main heating fuel Crosstabulation

			Main heating fuel					Total
			natural gas	electricity	propane	oil	kerosene	
PP7A_7: Have you purchased a clothes dryer in the last five years?	Yes	Count	21	3	5	8	4	41
		% within Main heating fuel	46.70%	33.30%	35.70%	34.80%	50.00%	41.40%
	No	Count	22	6	8	15	4	55
		% within Main heating fuel	48.90%	66.70%	57.10%	65.20%	50.00%	55.60%
	DON'T KNOW	Count	2	0	1	0	0	3
		% within Main heating fuel	4.40%	0.00%	7.10%	0.00%	0.00%	3.00%
	Total	Count	45	9	14	23	8	99
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7B\_7: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

PP7B_7: Does the equipment currently have an Energy Star Logo?	Yes	Count	14	1	5	5	1	26
		% within Main heating fuel	66.70%	33.30%	100.00%	62.50%	25.00%	63.40%
	No	Count	7	2	0	2	1	12
		% within Main heating fuel	33.30%	66.70%	0.00%	25.00%	25.00%	29.30%
	DON'T KNOW	Count	0	0	0	1	2	3
		% within Main heating fuel	0.00%	0.00%	0.00%	12.50%	50.00%	7.30%
Total	Count	21	3	5	8	4	41	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

PP7A\_8: Have you purchased a dehumidifier in the last five years? \* Main heating fuel Crosstabulation

		Main heating fuel					
		natural gas	electricity	propane	oil	Total	
PP7A_8: Have you purchased a dehumidifier in the last five years?	Yes	Count	3	1	3	2	9
		% within Main heating fuel	60.00%	50.00%	60.00%	66.70%	60.00%
	No	Count	2	1	1	1	5
		% within Main heating fuel	40.00%	50.00%	20.00%	33.30%	33.30%
	DON'T KNOW	Count	0	0	1	0	1
		% within Main heating fuel	0.00%	0.00%	20.00%	0.00%	6.70%
Total	Count	5	2	5	3	15	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	

PP7B\_8: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

		Main heating fuel					
		natural gas	electricity	propane	oil	Total	
PP7B_8: Does the equipment currently have an Energy Star Logo?	Yes	Count	2	1	3	2	8
		% within Main heating fuel	66.70%	100.00%	100.00%	100.00%	88.90%
	No	Count	1	0	0	0	1
		% within Main heating fuel	33.30%	0.00%	0.00%	0.00%	11.10%
	Total	Count	3	1	3	2	9
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%

PP7A\_9: Have you purchased a dishwasher in the last five years? \* Main heating fuel Crosstabulation

		Main heating fuel						
		natural gas	electricity	propane	oil	kerosene	Total	
PP7A_9: Have you purchased a dishwasher in the last five years?	Yes	Count	7	2	5	4	2	20
		% within Main heating fuel	18.90%	25.00%	38.50%	33.30%	33.30%	26.30%
	No	Count	28	6	6	8	4	52
		% within Main heating fuel	75.70%	75.00%	46.20%	66.70%	66.70%	68.40%
	DON'T KNOW	Count	2	0	2	0	0	4
		% within Main heating fuel	5.40%	0.00%	15.40%	0.00%	0.00%	5.30%
Total	Count	37	8	13	12	6	76	

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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**PP7B\_9: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PP7B_9: Does the equipment currently have an Energy Star Logo?	Yes	Count	6	2	5	2	0	15
		% within Main heating fuel	85.70%	100.00%	100.00%	50.00%	0.00%	75.00%
	No	Count	1	0	0	1	0	2
		% within Main heating fuel	14.30%	0.00%	0.00%	25.00%	0.00%	10.00%
	DON'T KNOW	Count	0	0	0	1	2	3
		% within Main heating fuel	0.00%	0.00%	0.00%	25.00%	100.00%	15.00%
	Total	Count	7	2	5	4	2	20
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**PP7A\_10: Have you purchased windows in the last five years? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PP7A_10: Have you purchased windows in the last five years?	Yes	Count	11	5	3	4	3	26
		% within Main heating fuel	17.20%	35.70%	16.70%	13.80%	37.50%	19.50%
	No	Count	52	9	14	25	5	105
		% within Main heating fuel	81.20%	64.30%	77.80%	86.20%	62.50%	78.90%
	DON'T KNOW	Count	1	0	1	0	0	2
		% within Main heating fuel	1.60%	0.00%	5.60%	0.00%	0.00%	1.50%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**PP7B\_10: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PP7B_10: Does the equipment currently have an Energy Star Logo?	Yes	Count	9	2	2	3	0	16
		% within Main heating fuel	81.80%	40.00%	66.70%	75.00%	0.00%	61.50%
	No	Count	0	0	0	0	1	1
		% within Main heating fuel	0.00%	0.00%	0.00%	0.00%	33.30%	3.80%
	DON'T KNOW	Count	2	3	1	1	2	9
		% within Main heating fuel	18.20%	60.00%	33.30%	25.00%	66.70%	34.60%
	Total	Count	11	5	3	4	3	26
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**PP7A\_11: Have you purchased computers or other home office equipment in the last five years? \* Main heating fuel Crosstabulation**

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

			Main heating fuel					Total
			natural gas	electricity	propane	oil	kerosene	
PP7A_11: Have you purchased computers or other home office equipment in the last five years?	Yes	Count	31	6	11	11	1	60
		% within Main heating fuel	48.40%	42.90%	61.10%	37.90%	12.50%	45.10%
	No	Count	32	8	6	18	7	71
		% within Main heating fuel	50.00%	57.10%	33.30%	62.10%	87.50%	53.40%
	DON'T KNOW	Count	1	0	1	0	0	2
		% within Main heating fuel	1.60%	0.00%	5.60%	0.00%	0.00%	1.50%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP7B\_11: Does the equipment currently have an Energy Star Logo? \* Main heating fuel Crosstabulation

			Main heating fuel					Total
			natural gas	electricity	propane	oil	kerosene	
PP7B_11: Does the equipment currently have an Energy Star Logo?	Yes	Count	14	1	2	4	0	21
		% within Main heating fuel	45.20%	16.70%	18.20%	36.40%	0.00%	35.00%
	No	Count	11	2	1	3	0	17
		% within Main heating fuel	35.50%	33.30%	9.10%	27.30%	0.00%	28.30%
	DON'T KNOW	Count	6	3	8	4	1	22
		% within Main heating fuel	19.40%	50.00%	72.70%	36.40%	100.00%	36.70%
	Total	Count	31	6	11	11	1	60
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP8: In the last five years have you purchased any other equipment or appliances that you specifically requested be energy efficient or that you purchased to reduce your home energy costs? \* Main heating fuel Crosstabulation

			Main heating fuel					Total
			natural gas	electricity	propane	oil	kerosene	
PP8: In the last five years have you purchased any other equipment or appliances that you specifically requested be energy efficient or that you purchased to reduce your home energy costs?	Yes	Count	9	1	3	1	0	14
		% within Main heating fuel	14.10%	7.10%	16.70%	3.40%	0.00%	10.50%
	No	Count	55	13	15	28	8	119
		% within Main heating fuel	85.90%	92.90%	83.30%	96.60%	100.00%	89.50%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PP9\_1: What else did you purchase?|1 \* Main heating fuel Crosstabulation

			Main heating fuel					Total
			natural gas	electricity	propane	oil	kerosene	
PP9_1: What else	appliances	Count	4	1	1	1		7

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

did you purchase? 1		% within Main heating fuel					
			44.40%	100.00%	33.30%	100.00%	50.00%
microwave	Count		1	0	1	0	2
	% within Main heating fuel		11.10%	0.00%	33.30%	0.00%	14.30%
oven	Count		1	0	0	0	1
	% within Main heating fuel		11.10%	0.00%	0.00%	0.00%	7.10%
storm windows, door	Count		1	0	0	0	1
	% within Main heating fuel		11.10%	0.00%	0.00%	0.00%	7.10%
Other (specify)	Count		2	0	1	0	3
	% within Main heating fuel		22.20%	0.00%	33.30%	0.00%	21.40%
Total	Count		9	1	3	1	14
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%

PP9\_2: What else did you purchase?|2 \* Main heating fuel Crosstabulation

			Main heating fuel	
			natural gas	Total
PP9_2: What else did you purchase? 2	appliances	Count	2	2
		% within Main heating fuel	100.00%	100.00%
	Total	Count	2	2
		% within Main heating fuel	100.00%	100.00%

PP9\_4: What else did you purchase?|4 \* Main heating fuel Crosstabulation

			Main heating fuel	
			natural gas	Total
PP9_4: What else did you purchase? 4	appliances	Count	1	1
		% within Main heating fuel	100.00%	100.00%
	Total	Count	1	1
		% within Main heating fuel	100.00%	100.00%

AT1A: Would you be more likely to purchase energy efficient equipment if your monthly energy bill would be less than if it would be with the standard equipment? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
AT1A: Would you be more likely to purchase energy efficient equipment if your monthly energy bill would be less than if it would be with the standard equipment?	Not at All Likely	Count	1	2	1	1	1	6
		% within Main heating fuel	1.60%	14.30%	5.60%	3.40%	12.50%	4.50%
	2	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
	3	Count	3	1	0	0	1	5
		% within Main heating fuel	4.70%	7.10%	0.00%	0.00%	12.50%	3.80%
	4	Count	7	1	2	5	1	16
		% within Main heating fuel	10.90%	7.10%	11.10%	17.20%	12.50%	12.00%
	Extremely Likely	Count	49	10	15	23	4	101
		% within Main heating fuel						

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	76.60%	71.40%	83.30%	79.30%	50.00%	75.90%
Don't know	Count		3	0	0	0	1	4
	% within Main heating fuel		4.70%	0.00%	0.00%	0.00%	12.50%	3.00%
Total	Count		64	14	18	29	8	133
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

AT1B: Would you be more likely to purchase energy efficient equipment if it increased the level of comfort in this home more than standard equipment would? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
AT1B: Would you be more likely to purchase energy efficient equipment if it increased the level of comfort in this home more than standard equipment would?	Not at All Likely	Count	6	2	1	1	1	11
		% within Main heating fuel	9.40%	14.30%	5.60%	3.40%	12.50%	8.30%
	2	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
	3	Count	5	1	1	3	0	10
		% within Main heating fuel	7.80%	7.10%	5.60%	10.30%	0.00%	7.50%
	4	Count	5	4	2	4	1	16
		% within Main heating fuel	7.80%	28.60%	11.10%	13.80%	12.50%	12.00%
	Extremely Likely	Count	44	7	13	19	5	88
		% within Main heating fuel	68.80%	50.00%	72.20%	65.50%	62.50%	66.20%
	Don't know	Count	3	0	1	2	1	7
		% within Main heating fuel	4.70%	0.00%	5.60%	6.90%	12.50%	5.30%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

AT1C: Would you be more likely to purchase energy efficient equipment if you felt you were helping to protect the environment? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
AT1C: Would you be more likely to purchase energy efficient equipment if you felt you were helping to protect the environment?	Not at All Likely	Count	6	3	1	1	1	12
		% within Main heating fuel	9.40%	21.40%	5.60%	3.40%	12.50%	9.00%
	2	Count	0	1	0	0	0	1
		% within Main heating fuel	0.00%	7.10%	0.00%	0.00%	0.00%	0.80%
	3	Count	3	1	1	1	1	7
		% within Main heating fuel	4.70%	7.10%	5.60%	3.40%	12.50%	5.30%
	4	Count	4	2	3	5	0	14
		% within Main heating fuel	6.20%	14.30%	16.70%	17.20%	0.00%	10.50%
	Extremely Likely	Count	49	7	12	20	5	93
		% within Main heating fuel	76.60%	50.00%	66.70%	69.00%	62.50%	69.90%
	Don't know	Count	2	0	1	2	1	6
		% within Main heating fuel	3.10%	0.00%	5.60%	6.90%	12.50%	4.50%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

**AT1D: Would you be more likely to purchase energy efficient equipment if it increased the value of this home more than standard equipment would? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
AT1D: Would you be more likely to purchase energy efficient equipment if it increased the value of this home more than standard equipment would?	Not at All Likely	Count	9	2	2	1	1	15
		% within Main heating fuel	14.10%	14.30%	11.10%	3.40%	12.50%	11.30%
	2	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
	3	Count	6	2	1	4	1	14
		% within Main heating fuel	9.40%	14.30%	5.60%	13.80%	12.50%	10.50%
	4	Count	1	0	2	2	1	6
		% within Main heating fuel	1.60%	0.00%	11.10%	6.90%	12.50%	4.50%
	Extremely Likely	Count	37	7	12	20	4	80
		% within Main heating fuel	57.80%	50.00%	66.70%	69.00%	50.00%	60.20%
	Don't know	Count	10	3	1	2	1	17
		% within Main heating fuel	15.60%	21.40%	5.60%	6.90%	12.50%	12.80%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**AT1E: Would you be more likely to purchase energy efficient equipment if you received a rebate for the energy efficient equipment? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
AT1E: Would you be more likely to purchase energy efficient equipment if you received a rebate for the energy efficient equipment?	Not at All Likely	Count	6	2	3	2	1	14
		% within Main heating fuel	9.40%	14.30%	16.70%	6.90%	12.50%	10.50%
	2	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
	3	Count	5	1	1	1	1	9
		% within Main heating fuel	7.80%	7.10%	5.60%	3.40%	12.50%	6.80%
	4	Count	6	2	2	4	0	14
		% within Main heating fuel	9.40%	14.30%	11.10%	13.80%	0.00%	10.50%
	Extremely Likely	Count	44	8	12	21	5	90
		% within Main heating fuel	68.80%	57.10%	66.70%	72.40%	62.50%	67.70%
	Don't know	Count	2	1	0	1	1	5
		% within Main heating fuel	3.10%	7.10%	0.00%	3.40%	12.50%	3.80%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**AT1F: Would you be more likely to purchase energy efficient equipment if your sales person recommended it? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total

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AT1F: Would you be more likely to purchase energy efficient equipment if your sales person recommended it?	Not at All Likely	Count	15	3	5	6	1	30
		% within Main heating fuel	23.40%	21.40%	27.80%	20.70%	12.50%	22.60%
	2	Count	4	1	0	0	0	5
		% within Main heating fuel	6.20%	7.10%	0.00%	0.00%	0.00%	3.80%
	3	Count	12	5	3	4	1	25
		% within Main heating fuel	18.80%	35.70%	16.70%	13.80%	12.50%	18.80%
	4	Count	5	0	4	6	1	16
		% within Main heating fuel	7.80%	0.00%	22.20%	20.70%	12.50%	12.00%
Extremely Likely		Count	24	4	5	11	4	48
		% within Main heating fuel	37.50%	28.60%	27.80%	37.90%	50.00%	36.10%
Don't know		Count	4	1	1	2	1	9
		% within Main heating fuel	6.20%	7.10%	5.60%	6.90%	12.50%	6.80%
Total		Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

AT2: In general, what do you see as the primary reasons you might not purchase energy efficient equipment or make energy efficiency home improvements? \* Main heating fuel Crosstabulation

		Main heating fuel						
		natural gas	electricity	propane	oil	kerosene	Total	
AT2: In general, what do you see as the primary reasons you might not purchase energy efficient equipment or make energy efficiency home improvements?	Cost / Benefit	Count	29	8	9	15	3	64
		% within Main heating fuel	45.30%	57.10%	50.00%	51.70%	37.50%	48.10%
	Quality	Count	1	0	1	0	0	2
		% within Main heating fuel	1.60%	0.00%	5.60%	0.00%	0.00%	1.50%
	Renters / Not Owners of Property	Count	9	2	1	1	0	13
		% within Main heating fuel	14.10%	14.30%	5.60%	3.40%	0.00%	9.80%
	No Reason	Count	0	1	0	1	1	3
		% within Main heating fuel	0.00%	7.10%	0.00%	3.40%	12.50%	2.30%
	Need Basis	Count	2	0	0	1	2	5
		% within Main heating fuel	3.10%	0.00%	0.00%	3.40%	25.00%	3.80%
	Other	Count	5	1	0	0	0	6
		% within Main heating fuel	7.80%	7.10%	0.00%	0.00%	0.00%	4.50%
	Don't know	Count	17	2	6	9	1	35
		% within Main heating fuel	26.60%	14.30%	33.30%	31.00%	12.50%	26.30%
	Refused	Count	1	0	1	2	1	5
		% within Main heating fuel	1.60%	0.00%	5.60%	6.90%	12.50%	3.80%
Total		Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PS1: Are you aware that your utility, has energy efficiency programs or products that offer incentives or rebates? \* Main heating fuel Crosstabulation

		Main heating fuel						
		natural gas	electricity	propane	oil	kerosene	Total	
PS1: Are you aware	Yes	Count	26	8	9	11	4	58



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that your utility, has energy efficiency programs or products that offer incentives or rebates?		% within Main heating fuel	40.60%	57.10%	50.00%	37.90%	50.00%	43.60%
		No	Count	35	6	8	18	3
		% within Main heating fuel	54.70%	42.90%	44.40%	62.10%	37.50%	52.60%
DON'T KNOW	Count	3	0	1	0	1	5	
		% within Main heating fuel	4.70%	0.00%	5.60%	0.00%	12.50%	3.80%
Total	Count	64	14	18	29	8	133	
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**PS2: Have you participated in any utility energy efficiency program or purchased any of the promoted products? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PS2: Have you participated in any utility energy efficiency program or purchased any of the promoted products?	Yes	Count	5	3	5	4	2	19
		% within Main heating fuel	19.20%	37.50%	55.60%	36.40%	50.00%	32.80%
	No	Count	21	5	4	7	2	39
		% within Main heating fuel	80.80%	62.50%	44.40%	63.60%	50.00%	67.20%
	Total	Count	26	8	9	11	4	58
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**PS3: Would you participate in the program again or purchase the promoted products again should you have the opportunity? \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PS3: Would you participate in the program again or purchase the promoted products again should you have the opportunity?	Yes	Count	5	3	5	4	2	19
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total	Count	5	3	5	4	2	19
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**PS5\_1: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.1 \* Main heating fuel Crosstabulation**

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PS5_1: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.1	I didn't know I was eligible	Count	5	1	2	3	0	11
		% within Main heating fuel	23.80%	20.00%	50.00%	42.90%	0.00%	28.20%
	I have not recently purchased any of the items we have talked about	Count	5	2	0	2	1	10
		% within Main heating fuel	23.80%	40.00%	0.00%	28.60%	50.00%	25.60%
	I have purchased items but they were	Count	0	0	1	0	0	1
		% within Main heating fuel						

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not energy efficient	% within Main heating fuel	0.00%	0.00%	25.00%	0.00%	0.00%	2.60%
I don't know how to find out more about the programs	Count	2	0	1	1	0	4
	% within Main heating fuel	9.50%	0.00%	25.00%	14.30%	0.00%	10.30%
Salesperson didn't talk to me about any programs	Count	1	0	0	0	0	1
	% within Main heating fuel	4.80%	0.00%	0.00%	0.00%	0.00%	2.60%
Program incentives were not enough	Count	3	0	0	0	1	4
	% within Main heating fuel	14.30%	0.00%	0.00%	0.00%	50.00%	10.30%
It wasn't worth the hassle (describe)	Count	1	0	0	0	0	1
	% within Main heating fuel	4.80%	0.00%	0.00%	0.00%	0.00%	2.60%
Other(specify)	Count	2	0	0	0	0	2
	% within Main heating fuel	9.50%	0.00%	0.00%	0.00%	0.00%	5.10%
No Reason	Count	0	1	0	0	0	1
	% within Main heating fuel	0.00%	20.00%	0.00%	0.00%	0.00%	2.60%
Renters / Not Owners	Count	2	1	0	0	0	3
	% within Main heating fuel	9.50%	20.00%	0.00%	0.00%	0.00%	7.70%
No Need	Count	0	0	0	1	0	1
	% within Main heating fuel	0.00%	0.00%	0.00%	14.30%	0.00%	2.60%
Total	Count	21	5	4	7	2	39
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

PS5\_2: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. |2 \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
PS5_2: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.  2	I have not recently purchased any of the items we have talked about	Count						
			2	1	2	1	0	6
		% within Main heating fuel	33.30%	100.00%	66.70%	100.00%	0.00%	50.00%
	I have purchased items but they were not energy efficient	Count	1	0	0	0	1	2
		% within Main heating fuel	16.70%	0.00%	0.00%	0.00%	100.00%	16.70%
	I don't know how to find out more about the programs	Count	0	0	1	0	0	1
		% within Main heating fuel	0.00%	0.00%	33.30%	0.00%	0.00%	8.30%
	Salesperson didn't talk to me about any programs	Count	1	0	0	0	0	1
		% within Main heating fuel	16.70%	0.00%	0.00%	0.00%	0.00%	8.30%
	It wasn't worth the hassle (describe)	Count	1	0	0	0	0	1
		% within Main heating fuel	16.70%	0.00%	0.00%	0.00%	0.00%	8.30%
	Other(specify)	Count	1	0	0	0	0	1
		% within Main heating fuel	16.70%	0.00%	0.00%	0.00%	0.00%	8.30%
	Total	Count	6	1	3	1	1	12
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

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**PS5\_3: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.**<sup>3</sup> \* Main heating fuel Crosstabulation

			Main heating fuel			
			natural gas	propane	oil	Total
PS5_3: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. <sup>3</sup>	I have purchased items but they were not energy efficient	Count	1	0	0	1
		% within Main heating fuel	50.00%	0.00%	0.00%	25.00%
	I don't know how to find out more about the programs	Count	1	1	1	3
		% within Main heating fuel	50.00%	100.00%	100.00%	75.00%
	Total	Count	2	1	1	4
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%

**PS5\_4: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.**<sup>4</sup> \* Main heating fuel Crosstabulation

			Main heating fuel		
			natural gas	oil	Total
PS5_4: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. <sup>4</sup>	Salesperson didn't talk to me about any programs	Count	1	1	2
		% within Main heating fuel	100.00%	100.00%	100.00%
	Total	Count	1	1	2
		% within Main heating fuel	100.00%	100.00%	100.00%

**PS5\_5: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you.**<sup>5</sup> \* Main heating fuel Crosstabulation

			Main heating fuel		
			natural gas	oil	Total
PS5_5: I am going to read a list of possible reasons for not participating in an energy efficiency program. Please indicate for each reason whether it is true for you. <sup>5</sup>	Program incentives were not enough	Count	1	0	1
		% within Main heating fuel	100.00%	0.00%	50.00%
	It wasn't worth the hassle (describe)	Count	0	1	1
		% within Main heating fuel	0.00%	100.00%	50.00%
	Total	Count	1	1	2
		% within Main heating fuel	100.00%	100.00%	100.00%

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DE1A: How many people living in your home are 5 years old and under: \* Main heating fuel Crosstabulation

			Main heating fuel					Total
			natural gas	electricity	propane	oil	kerosene	
DE1A: How many people living in your home are 5 years old and under:	Refusal	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
	0	Count	54	12	17	25	8	116
		% within Main heating fuel	84.40%	85.70%	94.40%	86.20%	100.00%	87.20%
	1	Count	5	0	0	3	0	8
		% within Main heating fuel	7.80%	0.00%	0.00%	10.30%	0.00%	6.00%
	2	Count	4	1	1	1	0	7
		% within Main heating fuel	6.20%	7.10%	5.60%	3.40%	0.00%	5.30%
	6	Count	0	1	0	0	0	1
		% within Main heating fuel	0.00%	7.10%	0.00%	0.00%	0.00%	0.80%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

DE1B: How many people living in your home are 6-18 years old: \* Main heating fuel Crosstabulation

			Main heating fuel					Total
			natural gas	electricity	propane	oil	kerosene	
DE1B: How many people living in your home are 6-18 years old:	Refusal	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
	0	Count	49	12	15	23	6	105
		% within Main heating fuel	76.60%	85.70%	83.30%	79.30%	75.00%	78.90%
	1	Count	7	0	0	4	1	12
		% within Main heating fuel	10.90%	0.00%	0.00%	13.80%	12.50%	9.00%
	2	Count	7	1	1	1	1	11
		% within Main heating fuel	10.90%	7.10%	5.60%	3.40%	12.50%	8.30%
	3	Count	0	0	2	1	0	3
		% within Main heating fuel	0.00%	0.00%	11.10%	3.40%	0.00%	2.30%
	4	Count	0	1	0	0	0	1
		% within Main heating fuel	0.00%	7.10%	0.00%	0.00%	0.00%	0.80%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

DE1C: How many people living in your home are 19-34 years old: \* Main heating fuel Crosstabulation

			Main heating fuel					Total
			natural gas	electricity	propane	oil	kerosene	
DE1C: How many people living in your home are 19-34 years old:	Refusal	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
	0	Count	40	11	11	19	7	88

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		% within Main heating fuel	62.50%	78.60%	61.10%	65.50%	87.50%	66.20%
1	Count		10	1	2	6	1	20
	% within Main heating fuel		15.60%	7.10%	11.10%	20.70%	12.50%	15.00%
2	Count		13	2	5	2	0	22
	% within Main heating fuel		20.30%	14.30%	27.80%	6.90%	0.00%	16.50%
3	Count		0	0	0	2	0	2
	% within Main heating fuel		0.00%	0.00%	0.00%	6.90%	0.00%	1.50%
Total	Count		64	14	18	29	8	133
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

DE1D: How many people living in your home are 35-54 years old: \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
DE1D: How many people living in your home are 35-54 years old:	Refusal	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
	0	Count	32	5	11	16	5	69
		% within Main heating fuel	50.00%	35.70%	61.10%	55.20%	62.50%	51.90%
	1	Count	21	5	2	9	3	40
		% within Main heating fuel	32.80%	35.70%	11.10%	31.00%	37.50%	30.10%
	2	Count	10	3	5	3	0	21
		% within Main heating fuel	15.60%	21.40%	27.80%	10.30%	0.00%	15.80%
	3	Count	0	1	0	1	0	2
		% within Main heating fuel	0.00%	7.10%	0.00%	3.40%	0.00%	1.50%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

DE1E: How many people living in your home are 55-64 years old: \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
DE1E: How many people living in your home are 55-64 years old:	Refusal	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
	0	Count	55	11	14	19	7	106
		% within Main heating fuel	85.90%	78.60%	77.80%	65.50%	87.50%	79.70%
	1	Count	6	3	4	8	1	22
		% within Main heating fuel	9.40%	21.40%	22.20%	27.60%	12.50%	16.50%
	2	Count	2	0	0	2	0	4
		% within Main heating fuel	3.10%	0.00%	0.00%	6.90%	0.00%	3.00%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

DE1F: How many people living in your home are 65 years old and over: \* Main heating fuel Crosstabulation

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
DE1F: How many people living in your home are 65 years old and over:	Refusal	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
	0	Count	53	12	14	21	3	103
		% within Main heating fuel	82.80%	85.70%	77.80%	72.40%	37.50%	77.40%
	1	Count	7	1	2	7	4	21
		% within Main heating fuel	10.90%	7.10%	11.10%	24.10%	50.00%	15.80%
	2	Count	3	1	2	1	1	8
		% within Main heating fuel	4.70%	7.10%	11.10%	3.40%	12.50%	6.00%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

DE2: What is the highest level of education you have completed? Would you say: \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
DE2: What is the highest level of education you have completed? Would you say:	Not a high school graduate	Count	5	0	0	1	3	9
		% within Main heating fuel	7.80%	0.00%	0.00%	3.40%	37.50%	6.80%
	High school graduate or GED (high school equivalency)	Count	12	4	5	9	2	32
		% within Main heating fuel	18.80%	28.60%	27.80%	31.00%	25.00%	24.10%
	Some college/trade/vocational school	Count	18	3	3	9	2	35
		% within Main heating fuel	28.10%	21.40%	16.70%	31.00%	25.00%	26.30%
	College graduate	Count	17	4	7	7	1	36
		% within Main heating fuel	26.60%	28.60%	38.90%	24.10%	12.50%	27.10%
	Postgraduate degree	Count	11	3	3	3	0	20
		% within Main heating fuel	17.20%	21.40%	16.70%	10.30%	0.00%	15.00%
	REFUSED	Count	1	0	0	0	0	1
		% within Main heating fuel	1.60%	0.00%	0.00%	0.00%	0.00%	0.80%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

DE3: Please stop me when I get the range of your household's total before tax annual income: \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
DE3: Please stop me when I get the range of your household's total before tax annual income:	Less than \$50,000, or	Count	33	7	6	13	7	66
		% within Main heating fuel	51.60%	50.00%	33.30%	44.80%	87.50%	49.60%
	\$50,000 - \$109,999, or	Count	18	3	6	11	0	38
		% within Main heating fuel	28.10%	21.40%	33.30%	37.90%	0.00%	28.60%
	More than	Count	6	1	6	0	0	13
		% within Main heating fuel	9.30%	7.10%	33.30%	0.00%	0.00%	9.80%

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

	\$110,000?	% within Main heating fuel	9.40%	7.10%	33.30%	0.00%	0.00%	9.80%
REFUSED	Count		7	3	0	5	1	16
	% within Main heating fuel		10.90%	21.40%	0.00%	17.20%	12.50%	12.00%
Total	Count		64	14	18	29	8	133
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

DE3A: Would you say it is: \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
DE3A: Would you say it is:	Less than \$9,999	Count	4	1	0	0	1	6
		% within Main heating fuel	6.20%	7.10%	0.00%	0.00%	12.50%	4.50%
\$10,000 - \$29,999	Count	17	2	2	10	4	35	
	% within Main heating fuel	26.60%	14.30%	11.10%	34.50%	50.00%	26.30%	
\$30,000 - \$49,999	Count	11	4	3	2	1	21	
	% within Main heating fuel	17.20%	28.60%	16.70%	6.90%	12.50%	15.80%	
\$50,000 - \$69,999	Count	7	2	5	9	0	23	
	% within Main heating fuel	10.90%	14.30%	27.80%	31.00%	0.00%	17.30%	
\$70,000 - \$89,999	Count	9	0	1	1	0	11	
	% within Main heating fuel	14.10%	0.00%	5.60%	3.40%	0.00%	8.30%	
\$90,000 - \$109,999	Count	1	0	0	1	0	2	
	% within Main heating fuel	1.60%	0.00%	0.00%	3.40%	0.00%	1.50%	
\$110,000 - \$149,999	Count	3	1	3	0	0	7	
	% within Main heating fuel	4.70%	7.10%	16.70%	0.00%	0.00%	5.30%	
\$149,000 - \$199,999	Count	2	0	1	0	0	3	
	% within Main heating fuel	3.10%	0.00%	5.60%	0.00%	0.00%	2.30%	
\$200,000 or more	Count	0	0	1	0	0	1	
	% within Main heating fuel	0.00%	0.00%	5.60%	0.00%	0.00%	0.80%	
REFUSED	Count	10	4	2	6	2	24	
	% within Main heating fuel	15.60%	28.60%	11.10%	20.70%	25.00%	18.00%	
Total	Count	64	14	18	29	8	133	
	% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

UTILITY \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
UTILITY	Granite State Electric	Count	37	2	3	2	0	44
		% within Main heating fuel	57.80%	14.30%	16.70%	6.90%	0.00%	33.10%
NH Elec CoOp	Count	0	4	4	5	2	15	
	% within Main heating fuel	0.00%	28.60%	22.20%	17.20%	25.00%	11.30%	
PSNH	Count	18	6	7	14	3	48	
	% within Main heating fuel	28.10%	42.90%	38.90%	48.30%	37.50%	36.10%	
Unitil	Count	9	2	4	8	3	26	
	% within Main heating fuel							

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

		% within Main heating fuel	14.10%	14.30%	22.20%	27.60%	37.50%	19.50%
Total	Count		64	14	18	29	8	133
	% within Main heating fuel		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

STATE \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
STATE		Count	0	4	4	5	2	15
		% within Main heating fuel	0.00%	28.60%	22.20%	17.20%	25.00%	11.30%
	NH	Count	64	10	14	24	6	118
		% within Main heating fuel	100.00%	71.40%	77.80%	82.80%	75.00%	88.70%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Income - original sample field \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
Income - original sample field	Limited Income	Count	6	3	2	8	3	22
		% within Main heating fuel	9.40%	21.40%	11.10%	27.60%	37.50%	16.50%
	Non-Limited Income	Count	58	11	16	21	5	111
		% within Main heating fuel	90.60%	78.60%	88.90%	72.40%	62.50%	83.50%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

GR: Gender of respondent? \* Main heating fuel Crosstabulation

			Main heating fuel					
			natural gas	electricity	propane	oil	kerosene	Total
GR: Gender of respondent?	Male	Count	29	8	6	13	3	59
		% within Main heating fuel	45.30%	57.10%	33.30%	44.80%	37.50%	44.40%
	Female	Count	35	6	12	16	5	74
		% within Main heating fuel	54.70%	42.90%	66.70%	55.20%	62.50%	55.60%
	Total	Count	64	14	18	29	8	133
		% within Main heating fuel	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

KWH

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	495	1	0.7	1.1
	1083	1	0.7	2.2
	1100	1	0.7	3.3
	1735	1	0.7	4.4
	1865	1	0.7	5.5
	1872	1	0.7	6.6
	1933	1	0.7	7.7



Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

1941	1	0.7	1.1	8.8
1990	1	0.7	1.1	9.9
2206	1	0.7	1.1	11
2341	1	0.7	1.1	12.1
2351	1	0.7	1.1	13.2
2509	1	0.7	1.1	14.3
2688	1	0.7	1.1	15.4
2739	1	0.7	1.1	16.5
2909	1	0.7	1.1	17.6
3030	1	0.7	1.1	18.7
3065	1	0.7	1.1	19.8
3254	1	0.7	1.1	20.9
3271	1	0.7	1.1	22
3302	1	0.7	1.1	23.1
3418	1	0.7	1.1	24.2
3512	1	0.7	1.1	25.3
3657	1	0.7	1.1	26.4
3723	1	0.7	1.1	27.5
3872	1	0.7	1.1	28.6
3957	1	0.7	1.1	29.7
4044	1	0.7	1.1	30.8
4069	1	0.7	1.1	31.9
4159	1	0.7	1.1	33
4219	1	0.7	1.1	34.1
4341	1	0.7	1.1	35.2
4404	1	0.7	1.1	36.3
4471	1	0.7	1.1	37.4
4910	1	0.7	1.1	38.5
4999	1	0.7	1.1	39.6
5221	1	0.7	1.1	40.7
5228	1	0.7	1.1	41.8
5275	1	0.7	1.1	42.9
5365	1	0.7	1.1	44
5391	1	0.7	1.1	45.1
5445	1	0.7	1.1	46.2
5450	1	0.7	1.1	47.3
5508	1	0.7	1.1	48.4
5522	1	0.7	1.1	49.5
5658	1	0.7	1.1	50.5
5694	1	0.7	1.1	51.6
5804	1	0.7	1.1	52.7
6190	1	0.7	1.1	53.8
6204	1	0.7	1.1	54.9
6214	1	0.7	1.1	56
6264	1	0.7	1.1	57.1
6358	1	0.7	1.1	58.2
6403	1	0.7	1.1	59.3
6589	1	0.7	1.1	60.4
6846	1	0.7	1.1	61.5
6890	1	0.7	1.1	62.6
6921	1	0.7	1.1	63.7
6922	1	0.7	1.1	64.8
6973	1	0.7	1.1	65.9
7146	1	0.7	1.1	67
7173	1	0.7	1.1	68.1
7312	1	0.7	1.1	69.2
7396	1	0.7	1.1	70.3
7511	1	0.7	1.1	71.4
7896	1	0.7	1.1	72.5
8009	1	0.7	1.1	73.6

Tab 1C - All Multi Family Survey Data by Fuel Type Cross Tab

	8114	1	0.7	1.1	74.7
	8179	1	0.7	1.1	75.8
	8271	1	0.7	1.1	76.9
	8330	1	0.7	1.1	78
	8405	1	0.7	1.1	79.1
	8479	1	0.7	1.1	80.2
	8977	1	0.7	1.1	81.3
	9166	1	0.7	1.1	82.4
	9225	1	0.7	1.1	83.5
	9351	1	0.7	1.1	84.6
	9556	1	0.7	1.1	85.7
	9561	1	0.7	1.1	86.8
	9737	1	0.7	1.1	87.9
	9762	1	0.7	1.1	89
	10178	1	0.7	1.1	90.1
	11130	1	0.7	1.1	91.2
	11133	1	0.7	1.1	92.3
	13967	1	0.7	1.1	93.4
	14436	1	0.7	1.1	94.5
	14607	1	0.7	1.1	95.6
	15347	1	0.7	1.1	96.7
	17879	1	0.7	1.1	97.8
	17955	1	0.7	1.1	98.9
	18734	1	0.7	1.1	100
	Total	91	67.4	100	
Missing	System	44	32.6		
Total		135	100		

Tab 2 - Dishwasher and Clothes Washer Survey Data (Single Family)

\*\*\*\*\*READ ME\*\*\*\*\*

\* cases selected if permanent resident (HC1=1)

AND

\* cases selected if single-family home (HC2\_2=1).

**WH1: What is the main fuel you use to heat water? \* D1: Do you have a dishwasher? Crosstabulation**

		D1: Do you have a dishwasher?			
		Yes	No	Total	
WH1: What is the main fuel you use to heat water?	Natural gas [CONFIRM: IS IT PIPED AND METERED?]	Count	28	7	35
		% within D1: Do you have a dishwasher?	14.8%	10.9%	13.8%
	Electric	Count	34	17	51
		% within D1: Do you have a dishwasher?	18.0%	26.6%	20.2%
	Oil	Count	76	27	103
		% within D1: Do you have a dishwasher?	40.2%	42.2%	40.7%
	Kerosene	Count	2	0	2
		% within D1: Do you have a dishwasher?	1.1%	.0%	.8%
	Propane or bottled gas [CONFIRM: DELIVERED BY TRUCK?]	Count	46	12	58
		% within D1: Do you have a dishwasher?	24.3%	18.8%	22.9%
	Wood	Count	2	0	2
		% within D1: Do you have a dishwasher?	1.1%	.0%	.8%
	DON'T KNOW	Count	1	1	2
		% within D1: Do you have a dishwasher?	.5%	1.6%	.8%
	Total	Count	189	64	253
		% within D1: Do you have a dishwasher?	100.0%	100.0%	100.0%

**WH1: What is the main fuel you use to heat water? \* CW1: Do you own a clothes washer? Crosstabulation**

		CW1: Do you own a clothes washer?			
		Yes	No	Total	
WH1: What is the main fuel you use to heat water?	Natural gas [CONFIRM: IS IT PIPED AND METERED?]	Count	34	1	35
		% within CW1: Do you own a clothes washer?	13.9%	12.5%	13.8%
	Electric	Count	49	2	51
		% within CW1: Do you own a clothes washer?	20.0%	25.0%	20.2%
	Oil	Count	102	1	103
		% within CW1: Do you own a clothes washer?	41.6%	12.5%	40.7%
	Kerosene	Count	2	0	2
		% within CW1: Do you own a clothes washer?	.8%	.0%	.8%
	Propane or bottled gas [CONFIRM: DELIVERED BY TRUCK?]	Count	55	3	58
		% within CW1: Do you own a clothes washer?	22.4%	37.5%	22.9%
	Wood	Count	2	0	2
		% within CW1: Do you own a clothes washer?	.8%	.0%	.8%
	DON'T KNOW	Count	1	1	2
		% within CW1: Do you own a clothes washer?	.4%	12.5%	.8%
	Total	Count	245	8	253

Tab 2 - Dishwasher and Clothes Washer Survey Data (Single Family)

	% within CW1: Do you own a clothes washer?	100.0%	100.0%	100.0%
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\*\*\*\*\*READ ME\*\*\*\*\*

\* cases selected if permanent resident (HC1=1)

AND

\* cases selected if multifamily home (HC2\_2=2).

**WH1: What is the main fuel you use to heat water? \* D1: Do you have a dishwasher? Crosstabulation**

		D1: Do you have a dishwasher?			
		Yes	No	Total	
WH1: What is the main fuel you use to heat water?	Natural gas [CONFIRM: IS IT PIPED AND METERED?]	Count	25	25	50
		% within D1: Do you have a dishwasher?	36.2%	43.1%	39.4%
	Electric	Count	23	19	42
		% within D1: Do you have a dishwasher?	33.3%	32.8%	33.1%
	Oil	Count	6	3	9
		% within D1: Do you have a dishwasher?	8.7%	5.2%	7.1%
	Kerosene	Count	1	0	1
		% within D1: Do you have a dishwasher?	1.4%	.0%	.8%
	Propane or bottled gas [CONFIRM: DELIVERED BY TRUCK?]	Count	6	5	11
		% within D1: Do you have a dishwasher?	8.7%	8.6%	8.7%
	DON'T KNOW	Count	8	6	14
		% within D1: Do you have a dishwasher?	11.6%	10.3%	11.0%
	Total	Count	69	58	127
		% within D1: Do you have a dishwasher?	100.0%	100.0%	100.0%

**WH1: What is the main fuel you use to heat water? \* CW1: Do you own a clothes washer? Crosstabulation**

		CW1: Do you own a clothes washer?			
		Yes	No	Total	
WH1: What is the main fuel you use to heat water?	Natural gas [CONFIRM: IS IT PIPED AND METERED?]	Count	38	12	50
		% within CW1: Do you own a clothes washer?	39.2%	40.0%	39.4%
	Electric	Count	32	10	42
		% within CW1: Do you own a clothes washer?	33.0%	33.3%	33.1%
	Oil	Count	7	2	9
		% within CW1: Do you own a clothes washer?	7.2%	6.7%	7.1%
	Kerosene	Count	1	0	1
		% within CW1: Do you own a clothes washer?	1.0%	.0%	.8%
	Propane or bottled gas [CONFIRM: DELIVERED BY TRUCK?]	Count	9	2	11
		% within CW1: Do you own a clothes washer?	9.3%	6.7%	8.7%
	DON'T KNOW	Count	10	4	14
		% within CW1: Do you own a clothes washer?	10.3%	13.3%	11.0%
	Total	Count	97	30	127
		% within CW1: Do you own a clothes washer?	100.0%	100.0%	100.0%

### Tab 3 - Additional Cross Tabs

\*\*\*\*\*READ ME\*\*\*\*\*

Cases are selected if permanent residents, single-family home, and with central air.

#### Crosstabs (SH2 \* SH3)

Case Processing Summary						
	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH3: What type of heating system is your main source of heat? * SH2: What is the main fuel you use to heat this home?	36	92.3%	3	7.7%	39	100.0%

Number of Gas Boilers (Excl. Steam)      NG Boiler Total responses Saturation  
 7                      253      2.77%

#### SH3: What type of heating system is your main source of heat? \* SH2: What is the main fuel you use to heat this home? Crosstabulation

			SH2: What is the main fuel you use to heat this home?			
			Natural gas purchased from	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Oil	Total
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	7	5	14	26
		% within SH2: What is the main fuel you use to heat this home?	100.0%	62.5%	66.7%	72.2%
	Boiler + Radiator + Hot Water (aka forced hot water)	Count	0	1	2	3
		% within SH2: What is the main fuel you use to heat this home?	.0%	12.5%	9.5%	8.3%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	0	1	4	5
		% within SH2: What is the main fuel you use to heat this home?	.0%	12.5%	19.0%	13.9%
	DONT KNOW	Count	0	1	1	2
		% within SH2: What is the main fuel you use to heat this home?	.0%	12.5%	4.8%	5.6%
	Total	Count	7	8	21	36
		% within SH2: What is the main fuel you use to heat this home?	100.0%	100.0%	100.0%	100.0%

#### Crosstabs (SH2 \* SH4)

##### Warnings

The crossstabulation of SH4: What type of heating system is your main source of heat? \* SH2: What is the main fuel you use to heat this home? is empty.

\*\*\*\*\*READ ME\*\*\*\*\*

Cases are selected if permanent residents, single-family home, and without central air.

#### Crosstabs (SH2 \* SH3)

Case Processing Summary						
	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH3: What type of heating system is your main source of heat? * SH2: What is the main fuel you use to heat this home?	178	83.2%	36	16.8%	214	100.0%

#### SH3: What type of heating system is your main source of heat? \* SH2: What is the main fuel you use to heat this home? Crosstabulation

			SH2: What is the main fuel you use to heat this home?				
			Natural gas purchased from	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Oil	Kerosene	Total
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	12	12	48	1	73
		% within SH2: What is the main fuel you use to heat this home?	46.2%	42.9%	39.3%	50.0%	41.0%
	Boiler + Radiator + Hot Water (aka forced hot water)	Count	4	9	28	0	41
		% within SH2: What is the main fuel you use to heat this home?	15.4%	32.1%	23.0%	.0%	23.0%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	3	2	34	0	39
		% within SH2: What is the main fuel you use to heat this home?	11.5%	7.1%	27.9%	.0%	21.9%
	Boiler + Radiator + Steam	Count	1	2	3	0	6
		% within SH2: What is the main fuel you use to heat this home?	3.8%	7.1%	2.5%	.0%	3.4%
	Radiator + DK (i.e., other components unknown)	Count	0	0	4	0	4
		% within SH2: What is the main fuel you use to heat this home?	.0%	.0%	3.3%	.0%	2.2%
	Could Identify Fuel, But Not Equipment	Count	1	0	1	1	3
	% within SH2: What is the main fuel you use to heat this home?	3.8%	.0%	.8%	50.0%	1.7%	
Other (please specify)	Count	2	1	1	0	4	
	% within SH2: What is the main fuel you use to heat this home?	7.7%	3.6%	.8%	.0%	2.2%	
	DONT KNOW	Count	1	0	3	0	4

99                      214      0.462617

Tab 3 - Additional Cross Tabs

		% within SH2: What is the main fuel you use to heat this home?	3.8%	.0%	2.5%	.0%	2.2%
	REFUSAL	Count	2	2	0	0	4
		% within SH2: What is the main fuel you use to heat this home?	7.7%	7.1%	.0%	.0%	2.2%
	Total	Count	26	28	122	2	178
		% within SH2: What is the main fuel you use to heat this home?	100.0%	100.0%	100.0%	100.0%	100.0%

Crosstabs (SH2 \* SH4)

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH4: What type of heating system is your main source of heat? * SH2: What is the main fuel you use to heat this home?	3	1.4%	211	98.6%	214	100.0%

SH4: What type of heating system is your main source of heat? \* SH2: What is the main fuel you use to heat this home? Crosstabulation

SH4: What type of heating system is your main source of heat?		Count	SH2: What is the main fuel you use to heat this home?		
			Electricity	Total	
Resistance (baseboard/ceiling/floor/wall)	Count	1		1	
	% within SH2: What is the main fuel you use to heat this home?		33.3%	33.3%	
	Other system type (please specify)	Count	1		1
		% within SH2: What is the main fuel you use to heat this home?		33.3%	33.3%
	DONT KNOW	Count	1		1
% within SH2: What is the main fuel you use to heat this home?			33.3%	33.3%	
Total	Count	3		3	
	% within SH2: What is the main fuel you use to heat this home?		100.0%	100.0%	

\*\*\*\*\*READ ME\*\*\*\*\*

Cases are selected if permanent residents, multifamily home, and with central air.

Crosstabs (SH2 \* SH3)

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH3: What type of heating system is your main source of heat? * SH2: What is the main fuel you use to heat this home?	27	100.0%	0	.0%	27	100.0%

Number of Gas Boilers (Excl. Steam) 20      NG Boiler Total responses Saturation 127 15.75%

SH3: What type of heating system is your main source of heat? \* SH2: What is the main fuel you use to heat this home? Crosstabulation

SH3: What type of heating system is your main source of heat?		Count	SH2: What is the main fuel you use to heat this home?					
			Natural gas purchased from	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Oil	Kerosene	Total	
Furnace: central forced air furnace (aka forced hot air)	Count	13	3		3	2	21	
	% within SH2: What is the main fuel you use to heat this home?		76.5%	100.0%	75.0%	66.7%	77.8%	
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	1	0		0	0	1
		% within SH2: What is the main fuel you use to heat this home?		5.9%	.0%	.0%	.0%	3.7%
	DONT KNOW	Count	2	0		1	1	4
% within SH2: What is the main fuel you use to heat this home?			11.8%	.0%	25.0%	33.3%	14.8%	
REFUSAL	Count	1	0		0	0	1	
	% within SH2: What is the main fuel you use to heat this home?		5.9%	.0%	.0%	.0%	3.7%	
Total	Count	17	3		4	3	27	
	% within SH2: What is the main fuel you use to heat this home?		100.0%	100.0%	100.0%	100.0%	100.0%	

Crosstabs (SH2 \* SH4)

Warnings

The crosstabulation of SH4: What type of heating system is your main source of heat? \* SH2: What is

\*\*\*\*\*READ ME\*\*\*\*\*

Cases are selected if permanent residents, multifamily home, and without central air.

Crosstabs (SH2 \* SH3)

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent

### Tab 3 - Additional Cross Tabs

SH3: What type of heating system is your main source of heat? * SH2: What is the main fuel you use to heat this home?	87	87.0%	13	13.0%	100	100.0%
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**SH3: What type of heating system is your main source of heat? \* SH2: What is the main fuel you use to heat this home? Crosstabulation**

			SH2: What is the main fuel you use to heat this home?				Total
			Natural gas purchased from	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Oil	Kerosene	
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	16	3	18	5	42
		% within SH2: What is the main fuel you use to heat this home?	35.6%	25.0%	72.0%	100.0%	48.3%
	Boiler + Radiator + Hot Water (aka forced hot water)	Count	8	3	4	0	15
		% within SH2: What is the main fuel you use to heat this home?	17.8%	25.0%	16.0%	.0%	17.2%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	11	2	2	0	15
		% within SH2: What is the main fuel you use to heat this home?	24.4%	16.7%	8.0%	.0%	17.2%
	Boiler + Radiator + Steam	Count	1	0	0	0	1
		% within SH2: What is the main fuel you use to heat this home?	2.2%	.0%	.0%	.0%	1.1%
	Radiator + DK (i.e., other components unknown)	Count	1	0	0	0	1
		% within SH2: What is the main fuel you use to heat this home?	2.2%	.0%	.0%	.0%	1.1%
	Could Identify Fuel, But Not Equipment	Count	2	2	1	0	5
		% within SH2: What is the main fuel you use to heat this home?	4.4%	16.7%	4.0%	.0%	5.7%
	Other (please specify)	Count	1	0	0	0	1
	% within SH2: What is the main fuel you use to heat this home?	2.2%	.0%	.0%	.0%	1.1%	
DONT KNOW	Count	3	1	0	0	4	
	% within SH2: What is the main fuel you use to heat this home?	6.7%	8.3%	.0%	.0%	4.6%	
REFUSAL	Count	2	1	0	0	3	
	% within SH2: What is the main fuel you use to heat this home?	4.4%	8.3%	.0%	.0%	3.4%	
Total	Count	45	12	25	5	87	
	% within SH2: What is the main fuel you use to heat this home?	100.0%	100.0%	100.0%	100.0%	100.0%	

#### Crosstabs (SH2 \* SH4)

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH4: What type of heating system is your main source of heat? * SH2: What is the main fuel you use to heat this home?	12	12.0%	88	88.0%	100	100.0%

**SH4: What type of heating system is your main source of heat? \* SH2: What is the main fuel you use to heat this home? Crosstabulation**

			SH2: What is the main fuel you use to heat this home?	
			Electricity	Total
SH4: What type of heating system is your main source of heat?	Resistance (baseboard/ceiling/floor/wall)	Count	6	6
		% within SH2: What is the main fuel you use to heat this home?	50.0%	50.0%
	Furnace: central forced air furnace (fan circulates air through ducts)	Count	1	1
		% within SH2: What is the main fuel you use to heat this home?	8.3%	8.3%
	Heat Pump + Wall (through-the-wall-looks like AC, but provides heat)	Count	2	2
		% within SH2: What is the main fuel you use to heat this home?	16.7%	16.7%
	Portable heaters	Count	1	1
		% within SH2: What is the main fuel you use to heat this home?	8.3%	8.3%
	Other system type (please specify)	Count	1	1
		% within SH2: What is the main fuel you use to heat this home?	8.3%	8.3%
DONT KNOW	Count	1	1	
	% within SH2: What is the main fuel you use to heat this home?	8.3%	8.3%	
Total	Count	12	12	
	% within SH2: What is the main fuel you use to heat this home?	100.0%	100.0%	

\*\*\*\*\*READ ME\*\*\*\*\*

Cases are selected if permanent residents, single-family home, and with central air.

#### Crosstabs (SH14 \* SH2)

**Case Processing Summary**

	Cases		
	Valid	Missing	Total

Tab 3 - Additional Cross Tabs

	N	Percent	N	Percent	N	Percent
SH2: What is the main fuel you use to heat this home? * SH14: Do you have a programmable thermostat?	39	100.0%	0	.0%	39	100.0%

SH2: What is the main fuel you use to heat this home? \* SH14: Do you have a programmable thermostat? Crosstabulation

			SH14: Do you have a programmable thermostat?			
			Yes	No	DONT KNOW	Total
SH2: What is the main fuel you use to heat this home?	Natural gas purchased from	Count	7	0	0	7
		% within SH14: Do you have a programmable thermostat?	25.0%	.0%	.0%	17.9%
	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Count	6	2	0	8
		% within SH14: Do you have a programmable thermostat?	21.4%	20.0%	.0%	20.5%
	Oil	Count	12	8	1	21
		% within SH14: Do you have a programmable thermostat?	42.9%	80.0%	100.0%	53.8%
	Wood	Count	3	0	0	3
		% within SH14: Do you have a programmable thermostat?	10.7%	.0%	.0%	7.7%
	Total	Count	28	10	1	39
		% within SH14: Do you have a programmable thermostat?	100.0%	100.0%	100.0%	100.0%

Crosstabs (SH14 \* SH3)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH3: What type of heating system is your main source of heat? * SH14: Do you have a programmable thermostat?	36	92.3%	3	7.7%	39	100.0%

SH3: What type of heating system is your main source of heat? \* SH14: Do you have a programmable thermostat? Crosstabulation

			SH14: Do you have a programmable thermostat?			
			Yes	No	DONT KNOW	Total
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	19	7	0	26
		% within SH14: Do you have a programmable thermostat?	76.0%	70.0%	.0%	72.2%
	Boiler + Radiator + Hot Water (aka forced hot water)	Count	2	0	1	3
		% within SH14: Do you have a programmable thermostat?	8.0%	.0%	100.0%	8.3%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	3	2	0	5
		% within SH14: Do you have a programmable thermostat?	12.0%	20.0%	.0%	13.9%
	DONT KNOW	Count	1	1	0	2
		% within SH14: Do you have a programmable thermostat?	4.0%	10.0%	.0%	5.6%
	Total	Count	25	10	1	36
		% within SH14: Do you have a programmable thermostat?	100.0%	100.0%	100.0%	100.0%

Crosstabs (SH14 \* SH4)

Warnings

The crosstabulation of SH4: What type of heating system is your main source of heat? \* SH14: Do you

\*\*\*\*\*READ ME\*\*\*\*\*

Cases are selected if permanent residents, single-family home, and without central air.

Crosstabs (SH14 \* SH2)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH2: What is the main fuel you use to heat this home? * SH14: Do you have a programmable thermostat?	214	100.0%	0	.0%	214	100.0%

SH2: What is the main fuel you use to heat this home? \* SH14: Do you have a programmable thermostat? Crosstabulation

			SH14: Do you have a programmable thermostat?		
			Yes	No	Total
SH2: What is the main fuel you use to heat this home?	Natural gas purchased from	Count	18	8	26
		% within SH14: Do you have a programmable thermostat?	16.4%	7.7%	12.1%
	Electricity	Count	0	3	3
		% within SH14: Do you have a programmable thermostat?	.0%	2.9%	1.4%
	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Count	20	8	28
		% within SH14: Do you have a programmable thermostat?	18.2%	7.7%	13.1%
	Oil	Count	62	60	122



Tab 3 - Additional Cross Tabs

		% within SH14: Do you have a programmable thermostat?	56.4%	57.7%	57.0%
Kerosene	Count		1	1	2
	% within SH14: Do you have a programmable thermostat?		.9%	1.0%	.9%
Wood	Count		9	24	33
	% within SH14: Do you have a programmable thermostat?		8.2%	23.1%	15.4%
Total	Count		110	104	214
	% within SH14: Do you have a programmable thermostat?		100.0%	100.0%	100.0%

Crosstabs (SH14 \* SH3)

Case Processing Summary						
	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH3: What type of heating system is your main source of heat? * SH14: Do you have a programmable thermostat?	178	83.2%	36	16.8%	214	100.0%

SH3: What type of heating system is your main source of heat? \* SH14: Do you have a programmable thermostat? Crosstabulation

SH3: What type of heating system is your main source of heat?		Count	SH14: Do you have a programmable thermostat?		
			Yes	No	Total
Furnace: central forced air furnace (aka forced hot air)	Count	46	27	73	
	% within SH14: Do you have a programmable thermostat?	45.5%	35.1%	41.0%	
Boiler + Radiator + Hot Water (aka forced hot water)	Count	22	19	41	
	% within SH14: Do you have a programmable thermostat?	21.8%	24.7%	23.0%	
Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	18	21	39	
	% within SH14: Do you have a programmable thermostat?	17.8%	27.3%	21.9%	
Boiler + Radiator + Steam	Count	4	2	6	
	% within SH14: Do you have a programmable thermostat?	4.0%	2.6%	3.4%	
Radiator + DK (i.e., other components unknown)	Count	2	2	4	
	% within SH14: Do you have a programmable thermostat?	2.0%	2.6%	2.2%	
Could Identify Fuel, But Not Equipment	Count	3	0	3	
	% within SH14: Do you have a programmable thermostat?	3.0%	.0%	1.7%	
Other (please specify)	Count	3	1	4	
	% within SH14: Do you have a programmable thermostat?	3.0%	1.3%	2.2%	
DONT KNOW	Count	2	2	4	
	% within SH14: Do you have a programmable thermostat?	2.0%	2.6%	2.2%	
REFUSAL	Count	1	3	4	
	% within SH14: Do you have a programmable thermostat?	1.0%	3.9%	2.2%	
Total	Count	101	77	178	
	% within SH14: Do you have a programmable thermostat?	100.0%	100.0%	100.0%	

Crosstabs (SH14 \* SH4)

Case Processing Summary						
	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH4: What type of heating system is your main source of heat? * SH14: Do you have a programmable thermostat?	3	1.4%	211	98.6%	214	100.0%

SH4: What type of heating system is your main source of heat? \* SH14: Do you have a programmable thermostat? Crosstabulation

SH4: What type of heating system is your main source of heat?		Count	SH14: Do you have a programmable thermostat?	
			No	Total
Resistance (baseboard/ceiling/floor/wall)	Count	1	1	
	% within SH14: Do you have a programmable thermostat?	33.3%	33.3%	
Other system type (please specify)	Count	1	1	
	% within SH14: Do you have a programmable thermostat?	33.3%	33.3%	
DONT KNOW	Count	1	1	
	% within SH14: Do you have a programmable thermostat?	33.3%	33.3%	
Total	Count	3	3	
	% within SH14: Do you have a programmable thermostat?	100.0%	100.0%	

\*\*\*\*\*READ ME\*\*\*\*\*

### Tab 3 - Additional Cross Tabs

Cases are selected if permanent residents, multifamily home, and with central air.

#### Crosstabs (SH14 \* SH2)

Case Processing Summary						
	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH2: What is the main fuel you use to heat this home? * SH14: Do you have a programmable thermostat?	27	100.0%	0	.0%	27	100.0%

#### SH2: What is the main fuel you use to heat this home? \* SH14: Do you have a programmable thermostat? Crosstabulation

			SH14: Do you have a programmable thermostat?		
			Yes	No	Total
SH2: What is the main fuel you use to heat this home?	Natural gas purchased from	Count	11	6	17
		% within SH14: Do you have a programmable thermostat?	68.8%	54.5%	63.0%
	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Count	3	0	3
		% within SH14: Do you have a programmable thermostat?	18.8%	.0%	11.1%
	Oil	Count	0	4	4
		% within SH14: Do you have a programmable thermostat?	.0%	36.4%	14.8%
Kerosene	Count	2	1	3	
	% within SH14: Do you have a programmable thermostat?	12.5%	9.1%	11.1%	
Total	Count	16	11	27	
	% within SH14: Do you have a programmable thermostat?	100.0%	100.0%	100.0%	

#### Crosstabs (SH14 \* SH3)

Case Processing Summary						
	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH3: What type of heating system is your main source of heat? * SH14: Do you have a programmable thermostat?	27	100.0%	0	.0%	27	100.0%

#### SH3: What type of heating system is your main source of heat? \* SH14: Do you have a programmable thermostat? Crosstabulation

			SH14: Do you have a programmable thermostat?		
			Yes	No	Total
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	15	6	21
		% within SH14: Do you have a programmable thermostat?	93.8%	54.5%	77.8%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	0	1	1
		% within SH14: Do you have a programmable thermostat?	.0%	9.1%	3.7%
	DON'T KNOW	Count	0	4	4
		% within SH14: Do you have a programmable thermostat?	.0%	36.4%	14.8%
REFUSAL	Count	1	0	1	
	% within SH14: Do you have a programmable thermostat?	6.3%	.0%	3.7%	
Total	Count	16	11	27	
	% within SH14: Do you have a programmable thermostat?	100.0%	100.0%	100.0%	

#### Crosstabs (SH14 \* SH4)

##### Warnings

The crossstabulation of SH4: What type of heating system is your main source of heat? \* SH14: Do you

\*\*\*\*\*READ ME\*\*\*\*\*

Cases are selected if permanent residents, multifamily home, and without central air.

#### Crosstabs (SH14 \* SH2)

Case Processing Summary						
	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH2: What is the main fuel you use to heat this home? * SH14: Do you have a programmable thermostat?	100	100.0%	0	.0%	100	100.0%

#### SH2: What is the main fuel you use to heat this home? \* SH14: Do you have a programmable thermostat? Crosstabulation

			SH14: Do you have a programmable thermostat?			
			Yes	No	DON'T KNOW	Total
SH2: What is the main fuel you use to heat this home?	Natural gas purchased from	Count	16	29	0	45
		% within SH14: Do you have a programmable thermostat?	43.2%	46.8%	.0%	45.0%

Tab 3 - Additional Cross Tabs

Electricity	Count	4	7	1	12
	% within SH14: Do you have a programmable thermostat?	10.8%	11.3%	100.0%	12.0%
Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Count	10	2	0	12
	% within SH14: Do you have a programmable thermostat?	27.0%	3.2%	.0%	12.0%
Oil	Count	4	21	0	25
	% within SH14: Do you have a programmable thermostat?	10.8%	33.9%	.0%	25.0%
Kerosene	Count	2	3	0	5
	% within SH14: Do you have a programmable thermostat?	5.4%	4.8%	.0%	5.0%
DONT KNOW	Count	1	0	0	1
	% within SH14: Do you have a programmable thermostat?	2.7%	.0%	.0%	1.0%
Total	Count	37	62	1	100
	% within SH14: Do you have a programmable thermostat?	100.0%	100.0%	100.0%	100.0%

Crosstabs (SH14 \* SH3)

	Case Processing Summary					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH3: What type of heating system is your main source of heat? * SH14: Do you have a programmable thermostat?	87	87.0%	13	13.0%	100	100.0%

SH3: What type of heating system is your main source of heat? \* SH14: Do you have a programmable thermostat? Crosstabulation

		Count	SH14: Do you have a programmable thermostat?		
			Yes	No	Total
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	14	28	42
	% within SH14: Do you have a programmable thermostat?		43.8%	50.9%	48.3%
	Boiler + Radiator + Hot Water (aka forced hot water)	Count	6	9	15
	% within SH14: Do you have a programmable thermostat?		18.8%	16.4%	17.2%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	4	11	15
	% within SH14: Do you have a programmable thermostat?		12.5%	20.0%	17.2%
	Boiler + Radiator + Steam	Count	1	0	1
	% within SH14: Do you have a programmable thermostat?		3.1%	.0%	1.1%
	Radiator + DK (i.e., other components unknown)	Count	1	0	1
	% within SH14: Do you have a programmable thermostat?		3.1%	.0%	1.1%
	Could Identify Fuel, But Not Equipment	Count	3	2	5
	% within SH14: Do you have a programmable thermostat?		9.4%	3.6%	5.7%
	Other (please specify)	Count	0	1	1
% within SH14: Do you have a programmable thermostat?		.0%	1.8%	1.1%	
DONT KNOW	Count	1	3	4	
% within SH14: Do you have a programmable thermostat?		3.1%	5.5%	4.6%	
REFUSAL	Count	2	1	3	
% within SH14: Do you have a programmable thermostat?		6.3%	1.8%	3.4%	
Total	Count	32	55	87	
% within SH14: Do you have a programmable thermostat?		100.0%	100.0%	100.0%	

Crosstabs (SH14 \* SH4)

	Case Processing Summary					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH4: What type of heating system is your main source of heat? * SH14: Do you have a programmable thermostat?	12	12.0%	88	88.0%	100	100.0%

SH4: What type of heating system is your main source of heat? \* SH14: Do you have a programmable thermostat? Crosstabulation

		Count	SH14: Do you have a programmable thermostat?			
			Yes	No	DONT KNOW	Total
SH4: What type of heating system is your main source of heat?	Resistance (baseboard/ceiling/floor/wall)	Count	3	3	0	6
	% within SH14: Do you have a programmable thermostat?		75.0%	42.9%	.0%	50.0%
	Furnace: central forced air furnace (fan circulates air through ducts)	Count	0	1	0	1
% within SH14: Do you have a programmable thermostat?		.0%	14.3%	.0%	8.3%	
Heat Pump + Wall (through-	Count	0	1	1	2	

Tab 3 - Additional Cross Tabs

the-wall-looks like AC, but provides heat)	% within SH14: Do you have a programmable thermostat?	.0%	14.3%	100.0%	16.7%
Portable heaters	Count	0	1	0	1
	% within SH14: Do you have a programmable thermostat?	.0%	14.3%	.0%	8.3%
Other system type (please specify)	Count	1	0	0	1
	% within SH14: Do you have a programmable thermostat?	25.0%	.0%	.0%	8.3%
DONT KNOW	Count	0	1	0	1
	% within SH14: Do you have a programmable thermostat?	.0%	14.3%	.0%	8.3%
Total	Count	4	7	1	12
	% within SH14: Do you have a programmable thermostat?	100.0%	100.0%	100.0%	100.0%

\*\*\*\*\*READ ME\*\*\*\*\*

Cases are selected if permanent residents and single-family home.

Crosstabs (SH7 \* SH2)

Case Processing Summary						
	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH2: What is the main fuel you use to heat this home? * SH7: About how old is your main heating system?	253	100.0%	0	.0%	253	100.0%

SH2: What is the main fuel you use to heat this home? \* SH7: About how old is your main heating system? Crosstabulation

			SH7: About how old is your main heating system?						
			Under 5 years old	5 to 10 years old (installed in the late 1990s to early 2000s)	10 to 25 years old (say about 1980 to the late 1990s)	25 to 40 years old (say about 1965 through 1980)	more than 40 years old (say before 1965)	DONT KNOW	Total
SH2: What is the main fuel you use to heat this home?	Natural gas purchased from	Count	12	10	5	3	1	2	33
		% within SH7: About how old is your main heating system?	17.6%	16.4%	6.3%	13.6%	11.1%	14.3%	13.0%
	Electricity	Count	0	1	0	2	0	0	3
		% within SH7: About how old is your main heating system?	.0%	1.6%	.0%	9.1%	.0%	.0%	1.2%
	Bottled gas or propane: (CONFIRM: DELIVERED BY TRUCK?)	Count	14	6	14	0	0	2	36
		% within SH7: About how old is your main heating system?	20.6%	9.8%	17.7%	.0%	.0%	14.3%	14.2%
	Oil	Count	35	35	47	14	7	5	143
		% within SH7: About how old is your main heating system?	51.5%	57.4%	59.5%	63.6%	77.8%	35.7%	56.5%
Kerosene	Count	1	1	0	0	0	0	2	
	% within SH7: About how old is your main heating system?	1.5%	1.6%	.0%	.0%	.0%	.0%	.8%	
Wood	Count	6	8	13	3	1	5	36	
	% within SH7: About how old is your main heating system?	8.8%	13.1%	16.5%	13.6%	11.1%	35.7%	14.2%	
Total	Count	68	61	79	22	9	14	253	
	% within SH7: About how old is your main heating system?	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

Crosstabs (SH7 \* SH3)

Case Processing Summary						
	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH3: What type of heating system is your main source of heat? * SH7: About how old is your main heating system?	214	84.6%	39	15.4%	253	100.0%

SH3: What type of heating system is your main source of heat? \* SH7: About how old is your main heating system? Crosstabulation

			SH7: About how old is your main heating system?						
			Under 5 years old	5 to 10 years old (installed in the late 1990s to early 2000s)	10 to 25 years old (say about 1980 to the late 1990s)	25 to 40 years old (say about 1965 through 1980)	more than 40 years old (say before 1965)	DONT KNOW	Total
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	32	26	29	7	1	4	99
		% within SH7: About how old is your main heating system?	51.6%	50.0%	43.9%	41.2%	12.5%	44.4%	46.3%
	Boiler + Radiator + Hot Water (aka forced hot water)	Count	10	8	22	3	0	1	44
		% within SH7: About how old is your main heating system?	16.1%	15.4%	33.3%	17.6%	.0%	11.1%	20.6%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	12	11	12	3	5	1	44
		% within SH7: About how old is your main heating system?	19.4%	21.2%	18.2%	17.6%	62.5%	11.1%	20.6%
Boiler + Radiator + Steam	Count	2	2	0	0	1	1	6	
	% within SH7: About how old is your main heating system?	3.2%	3.8%	.0%	.0%	12.5%	11.1%	2.8%	
Radiator + DK (i.e., other	Count	2	0	0	2	0	0	4	

Tab 3 - Additional Cross Tabs

components unknown)	% within SH7: About how old is your main heating system?	3.2%	.0%	.0%	11.8%	.0%	.0%	1.9%
Could Identify Fuel, But Not Equipment	Count	0	1	0	1	0	1	3
	% within SH7: About how old is your main heating system?	.0%	1.9%	.0%	5.9%	.0%	11.1%	1.4%
Other (please specify)	Count	1	2	1	0	0	0	4
	% within SH7: About how old is your main heating system?	1.6%	3.8%	1.5%	.0%	.0%	.0%	1.9%
DONT KNOW	Count	2	1	0	1	1	1	6
	% within SH7: About how old is your main heating system?	3.2%	1.9%	.0%	5.9%	12.5%	11.1%	2.8%
REFUSAL	Count	1	1	2	0	0	0	4
	% within SH7: About how old is your main heating system?	1.6%	1.9%	3.0%	.0%	.0%	.0%	1.9%
Total	Count	62	52	66	17	8	9	214
	% within SH7: About how old is your main heating system?	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Crosstabs (SH7 \* SH4)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH4: What type of heating system is your main source of heat? * SH7: About how old is your main heating system?	3	1.2%	250	98.8%	253	100.0%

SH4: What type of heating system is your main source of heat? \* SH7: About how old is your main heating system? Crosstabulation

SH4: What type of heating system is your main source of heat?		Count	SH7: About how old is your main heating system?		
			5 to 10 years old (installed in the late 1990s to early 2000s)	25 to 40 years old (say about 1965 through 1980)	Total
			Resistance (baseboard/ceiling/floor/wall)	Count	0
	% within SH7: About how old is your main heating system?	.0%	50.0%	33.3%	
Other system type (please specify)	Count	1	0	1	
	% within SH7: About how old is your main heating system?	100.0%	.0%	33.3%	
DONT KNOW	Count	0	1	1	
	% within SH7: About how old is your main heating system?	.0%	50.0%	33.3%	
Total	Count	1	2	3	
	% within SH7: About how old is your main heating system?	100.0%	100.0%	100.0%	

\*\*\*\*\*READ ME\*\*\*\*\*

Cases are selected if permanent residents and multifamily home.

Crosstabs (SH7 \* SH2)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH2: What is the main fuel you use to heat this home? * SH7: About how old is your main heating system?	127	100.0%	0	.0%	127	100.0%

SH2: What is the main fuel you use to heat this home? \* SH7: About how old is your main heating system? Crosstabulation

SH2: What is the main fuel you use to heat this home?		Count	SH7: About how old is your main heating system?					
			Under 5 years old	5 to 10 years old (installed in the late 1990s to early 2000s)	10 to 25 years old (say about 1980 to the late 1990s)	25 to 40 years old (say about 1965 through 1980)	DONT KNOW	Total
			Natural gas purchased from home?	Count	14	9	19	0
	% within SH7: About how old is your main heating system?	53.8%	45.0%	57.6%	.0%	47.6%	48.8%	
Electricity	Count	1	1	1	0	9	12	
	% within SH7: About how old is your main heating system?	3.8%	5.0%	3.0%	.0%	21.4%	9.4%	
Bottled gas or propane: (CONFIRM: DELIVERED BY TRUCK?)	Count	6	2	3	1	3	15	
	% within SH7: About how old is your main heating system?	23.1%	10.0%	9.1%	16.7%	7.1%	11.8%	
Oil	Count	4	6	10	3	6	29	
	% within SH7: About how old is your main heating system?	15.4%	30.0%	30.3%	50.0%	14.3%	22.8%	
Kerosene	Count	1	2	0	2	3	8	
	% within SH7: About how old is your main heating system?	3.8%	10.0%	.0%	33.3%	7.1%	6.3%	
DONT KNOW	Count	0	0	0	0	1	1	
	% within SH7: About how old is your main heating system?	.0%	.0%	.0%	.0%	2.4%	.8%	
Total	Count	26	20	33	6	42	127	

### Tab 3 - Additional Cross Tabs

		% within SH7: About how old is your main heating system?	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
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#### Crosstabs (SH7 \* SH3)

##### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH3: What type of heating system is your main source of heat? * SH7: About how old is your main heating system?	114	89.8%	13	10.2%	127	100.0%

##### SH3: What type of heating system is your main source of heat? \* SH7: About how old is your main heating system? Crosstabulation

			SH7: About how old is your main heating system?					Total
			Under 5 years old	5 to 10 years old (installed in the late 1990s to early 2000s)	10 to 25 years old (say about 1980 to the late 1990s)	25 to 40 years old (say about 1965 through 1980)	DONT KNOW	
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	13	12	19	5	14	63
		% within SH7: About how old is your main heating system?	52.0%	63.2%	59.4%	83.3%	43.8%	55.3%
	Boiler + Radiator + Hot Water (aka forced hot water)	Count	4	2	4	1	4	15
		% within SH7: About how old is your main heating system?	16.0%	10.5%	12.5%	16.7%	12.5%	13.2%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	2	2	5	0	7	16
		% within SH7: About how old is your main heating system?	8.0%	10.5%	15.6%	.0%	21.9%	14.0%
	Boiler + Radiator + Steam	Count	0	1	0	0	0	1
		% within SH7: About how old is your main heating system?	.0%	5.3%	.0%	.0%	.0%	.9%
	Radiator + DK (i.e., other components unknown)	Count	1	0	0	0	0	1
		% within SH7: About how old is your main heating system?	4.0%	.0%	.0%	.0%	.0%	.9%
	Could Identify Fuel, But Not Equipment	Count	3	1	1	0	0	5
		% within SH7: About how old is your main heating system?	12.0%	5.3%	3.1%	.0%	.0%	4.4%
	Other (please specify)	Count	0	0	0	0	1	1
	% within SH7: About how old is your main heating system?	.0%	.0%	.0%	.0%	3.1%	.9%	
DONT KNOW	Count	1	0	3	0	4	8	
	% within SH7: About how old is your main heating system?	4.0%	.0%	9.4%	.0%	12.5%	7.0%	
REFUSAL	Count	1	1	0	0	2	4	
	% within SH7: About how old is your main heating system?	4.0%	5.3%	.0%	.0%	6.3%	3.5%	
<b>Total</b>	<b>Count</b>	<b>25</b>	<b>19</b>	<b>32</b>	<b>6</b>	<b>32</b>	<b>114</b>	
	% within SH7: About how old is your main heating system?	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

#### Crosstabs (SH7 \* SH4)

##### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH4: What type of heating system is your main source of heat? * SH7: About how old is your main heating system?	12	9.4%	115	90.6%	127	100.0%

##### SH4: What type of heating system is your main source of heat? \* SH7: About how old is your main heating system? Crosstabulation

			SH7: About how old is your main heating system?				Total
			Under 5 years old	5 to 10 years old (installed in the late 1990s to early 2000s)	10 to 25 years old (say about 1980 to the late 1990s)	DONT KNOW	
SH4: What type of heating system is your main source of heat?	Resistance (baseboard/ceiling/floor/wall)	Count	0	1	0	5	6
		% within SH7: About how old is your main heating system?	.0%	100.0%	.0%	55.6%	50.0%
	Furnace: central forced air furnace (fan circulates air through ducts)	Count	0	0	0	1	1
		% within SH7: About how old is your main heating system?	.0%	.0%	.0%	11.1%	8.3%
	Heat Pump + Wall (through-the-wall-looks like AC, but provides heat)	Count	0	0	0	2	2
		% within SH7: About how old is your main heating system?	.0%	.0%	.0%	22.2%	16.7%
	Portable heaters	Count	1	0	0	0	1
		% within SH7: About how old is your main heating system?	100.0%	.0%	.0%	.0%	8.3%
Other system type (please specify)	Count	0	0	1	0	1	
	% within SH7: About how old is your main heating system?	.0%	.0%	100.0%	.0%	8.3%	
DONT KNOW	Count	0	0	0	1	1	
	% within SH7: About how old is your main heating system?	.0%	.0%	.0%	11.1%	8.3%	
<b>Total</b>	<b>Count</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>9</b>	<b>12</b>	

Tab 3 - Additional Cross Tabs

		% within SH7: About how old is your main heating system?	100.0%	100.0%	100.0%	100.0%	100.0%
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\*\*\*\*\*READ ME\*\*\*\*\*

Cases are selected if permanent residents and single-family home.

Crosstabs (SH8 \* SH2)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH2: What is the main fuel you use to heat this home? * SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	129	51.0%	124	49.0%	253	100.0%

SH2: What is the main fuel you use to heat this home? \* SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient? Crosstabulation

			SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?				
			Yes	No	Not applicable- someone else installed the equipment	DONT KNOW	Total
SH2: What is the main fuel you use to heat this home?	Natural gas purchased from	Count	10	6	6	0	22
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	13.7%	24.0%	24.0%	.0%	17.1%
	Electricity	Count	1	0	0	0	1
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	1.4%	.0%	.0%	.0%	.8%
	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Count	13	6	1	0	20
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	17.8%	24.0%	4.0%	.0%	15.5%
	Oil	Count	40	12	13	5	70
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	54.8%	48.0%	52.0%	83.3%	54.3%
	Kerosene	Count	1	0	1	0	2
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	1.4%	.0%	4.0%	.0%	1.6%
	Wood	Count	8	1	4	1	14
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	11.0%	4.0%	16.0%	16.7%	10.9%
	Total	Count	73	25	25	6	129
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	100.0%	100.0%	100.0%	100.0%	100.0%

Crosstabs (SH8 \* SH3)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH3: What type of heating system is your main source of heat? * SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	114	45.1%	139	54.9%	253	100.0%

SH3: What type of heating system is your main source of heat? \* SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient? Crosstabulation

			SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?				
			Yes	No	Not applicable- someone else installed the equipment	DONT KNOW	Total
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count	31	12	13	2	58
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	48.4%	50.0%	61.9%	40.0%	50.9%
	Boiler + Radiator + Hot Water	Count	14	1	1	2	18

Tab 3 - Additional Cross Tabs

(aka forced hot water)	% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	21.9%	4.2%	4.8%	40.0%	15.8%
Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count	11	5	6	1	23
	% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	17.2%	20.8%	28.6%	20.0%	20.2%
Boiler + Radiator + Steam	Count	2	2	0	0	4
	% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	3.1%	8.3%	.0%	.0%	3.5%
Radiator + DK (i.e., other components unknown)	Count	2	0	0	0	2
	% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	3.1%	.0%	.0%	.0%	1.8%
Could Identify Fuel, But Not Equipment	Count	0	0	1	0	1
	% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	.0%	.0%	4.8%	.0%	.9%
Other (please specify)	Count	1	2	0	0	3
	% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	1.6%	8.3%	.0%	.0%	2.6%
DONT KNOW	Count	2	1	0	0	3
	% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	3.1%	4.2%	.0%	.0%	2.6%
REFUSAL	Count	1	1	0	0	2
	% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	1.6%	4.2%	.0%	.0%	1.8%
Total	Count	64	24	21	5	114
	% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	100.0%	100.0%	100.0%	100.0%	100.0%

Crosstabs (SH8 \* SH4)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH4: What type of heating system is your main source of heat? * SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	1	.4%	252	99.6%	253	100.0%

SH4: What type of heating system is your main source of heat? \* SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient? Crosstabulation

		SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	
		Yes	Total
SH4: What type of heating system is your main source of heat?	Other system type (please specify)	Count	1
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	100.0%
	Total	Count	1
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	100.0%

\*\*\*\*\*READ ME\*\*\*\*\*

Cases are selected if permanent residents and multifamily home.

Crosstabs (SH8 \* SH2)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH2: What is the main fuel you use to heat this home? * SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	46	36.2%	81	63.8%	127	100.0%

SH2: What is the main fuel you use to heat this home? \* SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient? Crosstabulation



Tab 3 - Additional Cross Tabs

			SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?				
			Yes	No	Not applicable- someone else installed the equipment	DONT KNOW	Total
SH2: What is the main fuel you use to heat this home?	Natural gas purchased from	Count % within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	8	3	8	4	23
			44.4%	42.9%	50.0%	80.0%	50.0%
	Electricity	Count % within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	1	0	1	0	2
			5.6%	.0%	6.3%	.0%	4.3%
	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Count % within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	4	2	2	0	8
			22.2%	28.6%	12.5%	.0%	17.4%
	Oil	Count % within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	4	2	3	1	10
		22.2%	28.6%	18.8%	20.0%	21.7%	
Kerosene	Count % within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	1	0	2	0	3	
		5.6%	.0%	12.5%	.0%	6.5%	
Total	Count % within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	18	7	16	5	46	
		100.0%	100.0%	100.0%	100.0%	100.0%	

Crosstabs (SH8 \* SH3)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH3: What type of heating system is your main source of heat? * SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	44	34.6%	83	65.4%	127	100.0%

SH3: What type of heating system is your main source of heat? \* SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient? Crosstabulation

			SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?				
			Yes	No	Not applicable- someone else installed the equipment	DONT KNOW	Total
SH3: What type of heating system is your main source of heat?	Furnace: central forced air furnace (aka forced hot air)	Count % within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	12	5	7	1	25
			70.6%	71.4%	46.7%	20.0%	56.8%
	Boiler + Radiator + Hot Water (aka forced hot water)	Count % within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	1	0	4	1	6
			5.9%	.0%	26.7%	20.0%	13.6%
	Boiler + Baseboard + Hot Water (forced hot water)-OR JUST BASEBOARD	Count % within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	1	0	2	1	4
			5.9%	.0%	13.3%	20.0%	9.1%
	Boiler + Radiator + Steam	Count % within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	0	0	1	0	1
		.0%	.0%	6.7%	.0%	2.3%	
Radiator + DK (i.e., other components unknown)	Count % within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	0	0	0	1	1	
		.0%	.0%	.0%	20.0%	2.3%	
Could Identify Fuel, But Not Equipment	Count % within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	2	1	0	1	4	
		11.8%	14.3%	.0%	20.0%	9.1%	
DONT KNOW	Count	0	1	0	0	1	

Tab 3 - Additional Cross Tabs

		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	.0%	14.3%	.0%	.0%	2.3%
	REFUSAL	Count	1	0	1	0	2
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	5.9%	.0%	6.7%	.0%	4.5%
	Total	Count	17	7	15	5	44
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	100.0%	100.0%	100.0%	100.0%	100.0%

Crosstabs (SH8 \* SH4)

Case Processing Summary						
	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SH4: What type of heating system is your main source of heat? * SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	2	1.6%	125	98.4%	127	100.0%

SH4: What type of heating system is your main source of heat? \* SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient? Crosstabulation

		Count	SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?		
			Yes	Not applicable- someone else installed the equipment	Total
SH4: What type of heating system is your main source of heat?	Resistance (baseboard/ceiling/floor/wall)	Count	0	1	1
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	.0%	100.0%	50.0%
	Portable heaters	Count	1	0	1
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	100.0%	.0%	50.0%
	Total	Count	1	1	2
		% within SH8: So the system is fairly new. Did you specifically request that the new equipment be energy efficient?	100.0%	100.0%	100.0%

\*\*\*\*\*READ ME\*\*\*\*\*  
Cases are selected if permanent residents and single-family home.

Crosstabs (SH2 \* BE3)

Case Processing Summary						
	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
BE3: Have you ever added insulation to this home? * SH2: What is the main fuel you use to heat this home?	253	100.0%	0	.0%	253	100.0%

BE3: Have you ever added insulation to this home? \* SH2: What is the main fuel you use to heat this home? Crosstabulation

		Count	SH2: What is the main fuel you use to heat this home?						
			Natural gas purchased from	Electricity	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Oil	Kerosene	Wood	Total
BE3: Have you ever added insulation to this home?	Yes	Count	13	2	19	71	1	14	120
		% within SH2: What is the main fuel you use to heat this home?	39.4%	66.7%	52.8%	49.7%	50.0%	38.9%	47.4%
	No	Count	20	1	17	72	1	22	133
		% within SH2: What is the main fuel you use to heat this home?	60.6%	33.3%	47.2%	50.3%	50.0%	61.1%	52.6%
	Total	Count	33	3	36	143	2	36	253
		% within SH2: What is the main fuel you use to heat this home?	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

\*\*\*\*\*READ ME\*\*\*\*\*  
Cases are selected if permanent residents and multifamily home.

Crosstabs (SH2 \* BE3)

Case Processing Summary		
	Cases	
	Valid	Missing

Tab 3 - Additional Cross Tabs

	N	Percent	N	Percent	N	Percent
BE3: Have you ever added insulation to this home? * SH2: What is the main fuel you use to heat this home?	127	100.0%	0	.0%	127	100.0%

BE3: Have you ever added insulation to this home? \* SH2: What is the main fuel you use to heat this home? Crosstabulation

		SH2: What is the main fuel you use to heat this home?						
		Natural gas purchased from	Electricity	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Oil	Kerosene	DONT KNOW	Total
BE3: Have you ever added insulation to this home?	Yes	Count	9	2	4	7	1	23
		% within SH2: What is the main fuel you use to heat this home?	14.5%	16.7%	26.7%	24.1%	12.5%	18.1%
	No	Count	48	10	10	21	7	97
		% within SH2: What is the main fuel you use to heat this home?	77.4%	83.3%	66.7%	72.4%	87.5%	100.0%
	DONT KNOW	Count	5	0	1	1	0	7
	% within SH2: What is the main fuel you use to heat this home?	8.1%	.0%	6.7%	3.4%	.0%	5.5%	
Total	Count	62	12	15	29	8	127	
	% within SH2: What is the main fuel you use to heat this home?	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

\*\*\*\*\*READ ME\*\*\*\*\*

Cases are selected if permanent residents and single-family home.

Crosstabs (WH1 \* WH2)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
WH2: What type of system is your main water heater? * WH1: What is the main fuel you use to heat water?	253	100.0%	0	.0%	253	100.0%

WH2: What type of system is your main water heater? \* WH1: What is the main fuel you use to heat water? Crosstabulation

		WH1: What is the main fuel you use to heat water?							
		Natural gas [CONFIRM: IS IT PIPED AND METERED?]	Electric	Oil	Kerosene	Propane or bottled gas [CONFIRM: DELIVERED BY TRUCK?]	Wood	DONT KNOW	Total
WH2: What type of system is your main water heater?	Traditional water heater tank	Count	27	44	44	0	42	0	158
		% within WH1: What is the main fuel you use to heat water?	77.1%	86.3%	42.7%	.0%	72.4%	.0%	62.5%
	Whole house tankless system running off boiler	Count	2	4	47	2	9	1	65
		% within WH1: What is the main fuel you use to heat water?	5.7%	7.8%	45.6%	100.0%	15.5%	50.0%	25.7%
	Whole house on-demand system-water is heated centrally as you use it	Count	1	0	3	0	6	0	10
		% within WH1: What is the main fuel you use to heat water?	2.9%	.0%	2.9%	.0%	10.3%	.0%	4.0%
	or something else? (specify)	Count	0	2	0	0	0	0	2
	% within WH1: What is the main fuel you use to heat water?	.0%	3.9%	.0%	.0%	.0%	.0%	.8%	
DONT KNOW	Count	5	1	9	0	1	1	18	
	% within WH1: What is the main fuel you use to heat water?	14.3%	2.0%	8.7%	.0%	1.7%	50.0%	7.1%	
Total	Count	35	51	103	2	58	2	253	
	% within WH1: What is the main fuel you use to heat water?	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

\*\*\*\*\*READ ME\*\*\*\*\*

Cases are selected if permanent residents and multifamily home.

Crosstabs (WH1 \* WH2)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
WH2: What type of system is your main water heater? * WH1: What is the main fuel you use to heat water?	127	100.0%	0	.0%	127	100.0%

WH2: What type of system is your main water heater? \* WH1: What is the main fuel you use to heat water? Crosstabulation

		WH1: What is the main fuel you use to heat water?						
		Natural gas [CONFIRM: IS IT PIPED AND METERED?]	Electric	Oil	Kerosene	Propane or bottled gas [CONFIRM: DELIVERED BY TRUCK?]	DONT KNOW	Total
WH2: What type of system is your main water heater?	Traditional water heater tank	Count	32	32	4	1	6	77
		% within WH1: What is the main fuel you use to heat water?	64.0%	76.2%	44.4%	100.0%	54.5%	14.3%
	Whole house tankless system	Count	3	1	4	0	0	9

### Tab 3 - Additional Cross Tabs

running off boiler	% within WH1: What is the main fuel you use to heat water?	6.0%	2.4%	44.4%	.0%	.0%	7.1%	7.1%
	Count	1	0	1	0	1	1	4
Whole house on-demand system-water is heated centrally as you use it	% within WH1: What is the main fuel you use to heat water?	2.0%	.0%	11.1%	.0%	9.1%	7.1%	3.1%
	Count	0	0	0	0	1	0	1
Point-of-use, where the water is heated at the tap as you use it,	% within WH1: What is the main fuel you use to heat water?	.0%	.0%	.0%	.0%	9.1%	.0%	.8%
	Count	0	1	0	0	0	0	1
or something else? (specify)	% within WH1: What is the main fuel you use to heat water?	.0%	2.4%	.0%	.0%	.0%	.0%	.8%
	Count	0	1	0	0	0	0	1
DONT KNOW	% within WH1: What is the main fuel you use to heat water?	28.0%	19.0%	.0%	.0%	27.3%	64.3%	26.8%
	Count	14	8	0	0	3	9	34
REFUSED	% within WH1: What is the main fuel you use to heat water?	.0%	.0%	.0%	.0%	.0%	7.1%	.8%
	Count	0	0	0	0	0	1	1
Total	% within WH1: What is the main fuel you use to heat water?	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	Count	50	42	9	1	11	14	127

## Tab 5 - Low Income Cross Tabs

\*\*\* SH 2: Main fuel for heating.

### Frequencies

**SH2: What is the main fuel you use to heat this home?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Natural gas purchased from	8	24.2	24.2	24.2
	Electricity	3	9.1	9.1	33.3
	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	4	12.1	12.1	45.5
	Oil	12	36.4	36.4	81.8
	Kerosene	3	9.1	9.1	90.9
	Wood	2	6.1	6.1	97.0
	DON'T KNOW	1	3.0	3.0	100.0
	Total	33	100.0	100.0	

\*\*\* BE3 by SH2.

### Crosstabs

**SH2: What is the main fuel you use to heat this home? \* BE3: Have you ever added insulation to this home? Crosstabulation**

			BE3: Have you ever added insulation to this home?		
			Yes	No	Total
SH2: What is the main fuel you use to heat this home?	Natural gas purchased from	Count	1	7	8
		% within BE3: Have you ever added insulation to this home?	10.0%	30.4%	24.2%
	Electricity	Count	1	2	3
		% within BE3: Have you ever added insulation to this home?	10.0%	8.7%	9.1%
	Bottled gas or propane: [CONFIRM: DELIVERED BY TRUCK?]	Count	1	3	4
		% within BE3: Have you ever added insulation to this home?	10.0%	13.0%	12.1%
	Oil	Count	6	6	12
		% within BE3: Have you ever added insulation to this home?	60.0%	26.1%	36.4%
	Kerosene	Count	0	3	3
		% within BE3: Have you ever added insulation to this home?	.0%	13.0%	9.1%
	Wood	Count	1	1	2
		% within BE3: Have you ever added insulation to this home?	10.0%	4.3%	6.1%
	DON'T KNOW	Count	0	1	1
		% within BE3: Have you ever added insulation to this home?	.0%	4.3%	3.0%
	Total	Count	10	23	33
		% within BE3: Have you ever added insulation to this home?	100.0%	100.0%	100.0%

\*\*\* SC1 by utility.

### Crosstabs

Tab 5 - Low Income Cross Tabs

SC1: Do you have central air conditioning? \* utility2 Crosstabulation

			utility2				
			Granite State Electric	NH Elec CoOp	PSNH	Unitil	Total
SC1: Do you have central air conditioning?	Yes	Count	0	1	1	1	3
		% within utility2	.0%	16.7%	6.7%	16.7%	9.1%
	No	Count	6	5	14	5	30
		% within utility2	100.0%	83.3%	93.3%	83.3%	90.9%
	Total	Count	6	6	15	6	33
		% within utility2	100.0%	100.0%	100.0%	100.0%	100.0%

\*\*\* SC7.

Frequencies

SC7: How many room air conditioners do you typically have plugged in, if any?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	7	21.2	21.2	21.2
	1	12	36.4	36.4	57.6
	2	10	30.3	30.3	87.9
	3	3	9.1	9.1	97.0
	7	1	3.0	3.0	100.0
	Total	33	100.0	100.0	