VARIABLE SURVEY DOEID REGIONC	RESPONSE CODE LABEL 2005 SAMPLE ID (1-4382) 1 NORTHEAST CENSUS REGION 2 MIDWEST CENSUS REGION 3 SOUTH CENSUS REGION 4 WEST CENSUS REGION	FILE NUMBER* 0 0 0
DIVISION	1 NEW ENGLAND CENSUS DIVISION 2 MIDDLE ATLANTIC CENSUS DIVISION 3 EAST NORTH CENTRAL CENSUS DIVISION 4 WEST NORTH CENTRAL CENSUS DIVISION 5 SOUTH ATLANTIC CENSUS DIVISION 6 EAST SOUTH CENTRAL CENSUS DIVISION 7 WEST SOUTH CENTRAL CENSUS DIVISION 8 MOUNTAIN CENSUS DIVISION 9 PACIFIC CENSUS DIVISION	0
LRGSTATE	0 OTHER 1 NEW YORK STATE 2 CALIFORNIA 3 TEXAS 4 FLORIDA	0
TYPEHUQ	1 MOBILE HOME 2 SINGLE-FAMILY DETACHED HOUSE 3 SINGLE-FAMILY ATTACHED HOUSE 4 APARTMENT BUILDING WITH 2-4 UNITS 5 APARTMENT BUILDING WITH 5 OR MORE UNITS	0
MQRESULT	1 COMPLETED, AF SIGNED 2 COMPLETED, AF NOT REQUIRED 3 CPMPLETED, AF NOT SIGNED 7 RETURNED AFTER COMPLETED PI 8 COMPLETED PI AFTER MQ 9 LEGITIMATE SKIP	0
NWEIGHT	SAMPLE WEIGHT	0
HD65	NUMBER OF DEGREE-DAYS	0
CD65 NUMFLRS	NUMBER OF DEGREE-DAYS NUMBER OF FLOORS (1-95) 999 LEGITIMATE SKIP	0 1
NUMAPTS	NUMBER OF APARTMENTS 9999 LEGITIMATE SKIP	1
WALLTYPE	 1 BRICK 2 WOOD 3 SIDING (ALUM, VINYL, STEEL) 4 STUCCO 5 COMPOSITION (SHINGLE) 6 STONE 7 CONCRETE OR CONCRETE BLOCK 8 GLASS 9 OTHER 10 INDESCRIBABLE 	1

VARIABLE CNFRMHUQ	RESPONSE CODE LABEL 1 YES 0 NO	FILE NUMBER*
ALTHUQ	1 A MOBILE HOME 2 A SINGLE-FAMILY DETACHED HOUSE 3 A SINGLE-FAMILY ATTACHED HOUSE 4 AN APARTMENT BUILDING WITH 2-4 UNITS 5 AN APARTMENT BUILDING WITH 5 OR MORE UNITS	1
REVHUQ	1 USE HOUSEHOLDERS DEFINITION 2 USE RECS DEFINITION	1
STUDIO	1 YES 0 NO 9 LEGITIMATE SKIP	1
ONEFLRAPT	1 YES 0 NO 9 LEGITIMATE SKIP	1
NAPTFLRS	NUMBER OF FLOORS IN APARTMENT 9 LEGITIMATE SKIP	1
STORIES	10 ONE STORY 20 TWO STORIES 31 THREE STORIES 32 FOUR OR MORE STORIES 40 SPLIT-LEVEL 55 SOME OTHER TYPE 99 LEGITIMATE SKIP	1
TYPEHUQ4	1 YES 0 NO 9 LEGITIMATE SKIP	1
BEDROOMS	NUMBER OF BEDROOMS (0-9)	1
OTHROOMS TOTROOMS	NUMBER OF OTHER ROOMS (0-9) NUMBER OF TOTAL ROOMS (0-99)	1 1
NCOMBATH	NUMBER OF FULL BATHROOMS (0-9)	1
NHAFBATH POTTYAGE	NUMBER OF HALF BATHROOMS (0-9) 1 LESS THAN 2 YEARS OLD 2 2 TO 4 YEARS OLD 3 5 TO 9 YEARS OLD 4 10 TO 19 YEARS OLD 5 20 YEARS OR OLDER 6 DON'T KNOW 9 LEGITIMATE SKIP	1
POTTYLEAK	1 YES 0 NO	1
POTTYPARTS	1 YES 0 NO 9 LEGITIMATE SKIP	1

VARIABLE POTTYFIX	RESPONSE CODE LABEL 1 WITHIN THE PAST YEAR 2 BETWEEN 1 AND 2 YEARS AGO 3 BETWEEN 2 AND 4 YEARS AGO 4 BETWEEN 4 AND 10 YEARS AGO 5 10 OR MORE YEARS AGO 6 DON'T KNOW 9 LEGITIMATE SKIP	FILE NUMBER*
CELLAR	1 YES 0 NO 9 LEGITIMATE SKIP	1
CRAWL	1 YES 0 NO 9 LEGITIMATE SKIP	1
CONCRETE	1 YES 0 NO 9 LEGITIMATE SKIP	1
BASEFIN	1 YES 0 NO 9 LEGITIMATE SKIP	1
FINBASERMS	1 YES 0 NO 9 LEGITIMATE SKIP	1
BASEHEAT	1 ALL 2 PART 0 NONE 9 LEGITIMATE SKIP	1
PCTBSTHT	0 VERY LITTLE (1-4%) 1 SOME (5-33%) 2 ABOUT HALF (34-66%) 3 ABOUT THREE-QUARTERS (67-95%) 4 MOST OF IT (96-99%)	1
BASECOOL	1 YES 0 NO 9 LEGITIMATE SKIP	1
PCTBSTCL	1 YES 0 NO 9 LEGITIMATE SKIP	1
BASEUSE	1 ALL 2 PART 0 NONE 9 LEGITIMATE SKIP	1
ATTIC	1 YES 0 NO	1
ATTICFIN	1 YES 0 NO 9 LEGITIMATE SKIP	1
FINATTRMS	1 YES 0 NO 9 LEGITIMATE SKIP	1

VARIABLE ATTCHEAT	RESPONSE CODE LABEL 1 ALL 2 PART 0 NONE	FILE NUMBER* 1
PCTATTHT	0 VERY LITTLE (1-4%) 1 SOME (5-33%) 2 ABOUT HALF (34-66%) 3 ABOUT THREE-QUARTERS (67-95%) 4 MOST OF IT (96-99%) 9 LEGITIMATE SKIP	1
ATTCCOOL	1 YES 0 NO 9 LEGITIMATE SKIP	1
PCTATTCL	1 YES 0 NO 9 LEGITIMATE SKIP	1
ATTICUSE	1 ALL 2 PART 0 NONE 9 LEGITIMATE SKIP	1
PRKGPLC1	1 YES 0 NO 9 LEGITIMATE SKIP	1
GARAGE1C	1 YES 0 NO	1
GARAGE2C	1 YES 0 NO	1
GARAGE3C	1 YES 0 NO	1
GARGLOC	1 PART OF THE BASEMENT 2 PART OF THE FIRST FLOOR 3 SOME OTHER LOCATION	1
GARGHEAT	1 YES 0 NO	1
GARGCOOL	1 YES 0 NO	1
PRKGPLC2	1 YES 0 NO	1
DGARG1C	1 YES 0 NO	1
DGARG2C	1 YES 0 NO	1
DGARG3C	1 YES 0 NO	1
CARPORT	1 YES 0 NO	1
KOWNRENT	1 OWN/BUYING 2 RENT 3 OCCUPIED WITHOUT PAYMENT OF RENT	1

VARIABLE HUPROJ	RESPONSE CODE LABEL 1 YES 0 NO 9 LEGITIMATE SKIP	FILE NUMBER*
RENTHELP	1 YES 0 NO 9 LEGITIMATE SKIP	1
KOWNCOND	1 YES 0 NO 9 LEGITIMATE SKIP	1
CONDCOOP	1 CONDOMINIUM 2 COOPERATIVE 9 LEGITIMATE SKIP	1
YEARMADE	01 BEFORE 1940 02 1940 - 1949 03 1950 - 1959 04 1960 - 1969 05 1970 - 1979 06 1980-1984 07 1985-1989 08 1990-1994 09 1995- 1999 10 2000-2002 11 2003 12 2004 13 2005	1
OCCUPY	1 ALL 2 PART 0 NONE 9 LEGITIMATE SKIP	1
OCCUPYY	1 2003 2 2004 3 2005 9 LEGITIMATE SKIP	1
OCCUPYM	01 JANUARY 02 FEBRUARY 03 MARCH 04 APRIL 05 MAY 06 JUNE 07 JULY 08 AUGUST 09 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER 99 LEGITIMATE SKIP	1

VARIABLE	RESPONSE CODE LABEL	FILE NUMBER*
URBRUR	1 CITY 2 TOWN	1
	3 SUBURBS 4 RURAL	
UGASHERE	1 YES	1
77./05.1110	0 NO	
ZTYPEHUQ	1 IMPUTED 0 NOT IMPUTED	1
ZNUMFLRS	1 IMPUTED	1
ZNILIMA DTO	0 NOT IMPUTED	4
ZNUMAPTS	1 IMPUTED 0 NOT IMPUTED	1
ZWALLTYPE	1 IMPUTED	1
ZCNFRMHUQ	0 NOT IMPUTED 1 IMPUTED	4
ZCINFRIVINUQ	0 NOT IMPUTED	1
ZALTHUQ	1 IMPUTED 0 NOT IMPUTED	1
ZREVHUQ	1 IMPUTED	1
ZINEVITOG	0 NOT IMPUTED	'
ZORIG1FAM	1 IMPUTED 0 NOT IMPUTED	1
ZLOOKLIKE	1 IMPUTED	1
	0 NOT IMPUTED	
ZSTUDIO	1 IMPUTED 0 NOT IMPUTED	1
ZONEFLRAPT	1 IMPUTED	1
ZNAPTFLRS	0 NOT IMPUTED 1 IMPUTED	1
210/11/11/21/0	0 NOT IMPUTED	•
ZSTORIES	1 IMPUTED 0 NOT IMPUTED	1
ZTYPEHUQ4	1 IMPUTED	1
	0 NOT IMPUTED	
ZBEDROOMS	1 IMPUTED 0 NOT IMPUTED	1
ZOTHROOMS	1 IMPUTED	1
	0 NOT IMPUTED	
ZTOTROOMS	1 IMPUTED 0 NOT IMPUTED	1
ZNCOMBATH	1 IMPUTED	1
7NIU A ED A TU	0 NOT IMPUTED 1 IMPUTED	4
ZNHAFBATH	0 NOT IMPUTED	1
ZPOTTYAGE	1 IMPUTED 0 NOT IMPUTED	1
ZPOTTYLEAK	1 IMPUTED	1
	0 NOT IMPUTED	•

VARIABLE ZPOTTYPARTS	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER*
ZPOTTYFIX	1 IMPUTED 0 NOT IMPUTED	1
ZCELLAR	1 IMPUTED 0 NOT IMPUTED	1
ZCRAWL	1 IMPUTED 0 NOT IMPUTED	1
ZCONCRETE	1 IMPUTED 0 NOT IMPUTED	1
ZBASEFIN	1 IMPUTED 0 NOT IMPUTED	1
ZFINBASERMS	1 IMPUTED 0 NOT IMPUTED	1
ZBASEHEAT	1 IMPUTED 0 NOT IMPUTED	1
ZPCTBSTHT	1 IMPUTED 0 NOT IMPUTED	1
ZBASECOOL	1 IMPUTED 0 NOT IMPUTED	1
ZPCTBSTCL	1 IMPUTED 0 NOT IMPUTED	1
ZBASEUSE	1 IMPUTED 0 NOT IMPUTED	1
ZATTIC	1 IMPUTED 0 NOT IMPUTED	1
ZATTICFIN	1 IMPUTED 0 NOT IMPUTED	1
ZFINATTRMS	1 IMPUTED 0 NOT IMPUTED	1
ZATTCHEAT	1 IMPUTED 0 NOT IMPUTED	1
ZPCTATTHT	1 IMPUTED 0 NOT IMPUTED	1
ZATTCCOOL	1 IMPUTED 0 NOT IMPUTED	1
ZPCTATTCL	1 IMPUTED 0 NOT IMPUTED	1
ZATTICUSE	1 IMPUTED 0 NOT IMPUTED	1
ZPRKGPLC1	1 IMPUTED 0 NOT IMPUTED	1
ZGARAGE1C	1 IMPUTED 0 NOT IMPUTED	1
ZGARAGE2C	1 IMPUTED 0 NOT IMPUTED	1
ZGARAGE3C	1 IMPUTED 0 NOT IMPUTED	1

VARIABLE ZGARGLOC	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER*
ZGARGHEAT	1 IMPUTED 0 NOT IMPUTED	1
ZGARGCOOL	1 IMPUTED 0 NOT IMPUTED	1
ZPRKGPLC2	1 IMPUTED 0 NOT IMPUTED	1
ZDGARG1C	1 IMPUTED 0 NOT IMPUTED	1
ZDGARG2C	1 IMPUTED 0 NOT IMPUTED	1
ZDGARG3C	1 IMPUTED 0 NOT IMPUTED	1
ZCARPORT	1 IMPUTED 0 NOT IMPUTED	1
ZKOWNRENT ZHUPROJ	1 IMPUTED 0 NOT IMPUTED 1 IMPUTED	1
ZKOWNCOND	0 NOT IMPUTED 1 IMPUTED	1
ZCONDCOOP	0 NOT IMPUTED 1 IMPUTED	1
ZYEARMADE	0 NOT IMPUTED 1 IMPUTED	1
ZOCCUPY	0 NOT IMPUTED 1 IMPUTED	1
ZOCCUPYY	0 NOT IMPUTED 1 IMPUTED	1
ZOCCUPYM	0 NOT IMPUTED 1 IMPUTED 0 NOT IMPUTED	1
ZURBRUR	1 IMPUTED 0 NOT IMPUTED	1
ZUGASHERE	1 IMPUTED 0 NOT IMPUTED	1
STOVEN	1 YES 0 NO	2
STOVE	1 YES 0 NO	2
OVEN	1 YES 0 NO	2
MULTSTV	1 YES 0 NO 9 LEGITIMATE SKIP	2
STOVENFU	1 YES 0 NO	2

VARIABLE STOVENAB	RESPONSE CODE LABEL 01 NATURAL GAS FROM UNDERGROUNG PIPES 02 BOTTLED GAS (LPG OR PROPANE) 05 ELECTRICITY 21 SOME OTHER FUEL 99 LEGITIMATE SKIP	FILE NUMBER* 2
STOVENAO	1 YES 0 NO 9 LEGITIMATE SKIP	2
MULTOVEN	1 YES 0 NO 9 LEGITIMATE SKIP	2
OVENA	01 NATURAL GAS FROM UNDERGROUNG PIPES 02 BOTTLED GAS (LPG OR PROPANE) 05 ELECTRICITY 21 SOME OTHER FUEL 99 LEGITIMATE SKIP	2
OVENUSE	1 MORE THAN ONCE A DAY 2 ONCE A DAY 3 BETWEEN ONCE A DAY AND ONCE A WEEK 4 ONCE A WEEK 5 LESS THAN ONCE A WEEK 9 LEGITIMATE SKIP	2
OVENCLN	1 YES 0 NO 9 LEGITIMATE SKIP	2
TYPECLN	1 CONTINUOUS CLEANING 2 MANUALLY START THE CLEANING CYCLE 9 LEGITIMATE SKIP	2
MULTRANG	1 YES 0 NO 9 LEGITIMATE SKIP	2
STOVEA	01 NATURAL GAS FROM UNDERGROUNG PIPES 02 BOTTLED GAS (LPG OR PROPANE) 05 ELECTRICITY 21 SOME OTHER FUEL 99 LEGITIMATE SKIP	2
TOPGRILL	1 YES 0 NO	2
STGRILA	01 NATURAL GAS FROM UNDERGROUNG PIPES 02 BOTTLED GAS (LPG OR PROPANE) 05 ELECTRICITY 21 SOME OTHER FUEL 99 LEGITIMATE SKIP	2
MICRO	1 YES 0 NO	2

VARIABLE AMTMICRO	RESPONSE CODE LABEL 1 MOST OR ALL 2 ABOUT HALF 3 SOME OR VERY LITTLE 4 USED ONLY FOR SNACKS, DEFROSTING, OR REHEATING FOOD 9 LEGITIMATE SKIP	FILE NUMBER* 2
TOASTER	1 YES 0 NO	2
TSTRFRQ	1 THREE OR MORE TIMES A DAY 2 TWO TIMES A DAY 3 ONCE A DAY 4 A FEW TIMES EACH WEEK 5 ABOUT ONCE A WEEK 6 LESS THAN ONCE A WEEK 99 LEGITIMATE SKIP	2
TSTRUSE	1 MOSTLY AS A TOASTER 2 MOSTLY AS AN OVEN 3 TOASTER AND OVEN EQUALLY 99 LEGITIMATE SKIP	2
NUMMEAL	1 THREE OR MORE TIMES A DAY 2 TWO TIMES A DAY 3 ONCE A DAY 4 A FEW TIMES EACH WEEK 5 ABOUT ONCE A WEEK 6 LESS THAN ONCE A WEEK 0 DOESN'T COOK/NEVER COOKS	2
FUELFOOD	01 NATURAL GAS FROM UNDERGROUNG PIPES 02 BOTTLED GAS (LPG OR PROPANE) 05 ELECTRICITY 21 SOME OTHER FUEL 99 LEGITIMATE SKIP	2
COFFEE	1 YES 0 NO	2
COFFFRQ	1 THREE OR MORE TIMES A DAY 2 TWO TIMES A DAY 3 ONCE A DAY 4 A FEW TIMES EACH WEEK 5 ABOUT ONCE A WEEK 6 LESS THAN ONCE A WEEK 9 LEGITIMATE SKIP	2
COFPOTON	1 TURN IT OFF RIGHT AWAY 2 LESS THAN FIFTEEN MINUTES 3 FIFTEEN MINUTES TO 1 HOUR 4 MORE THAN 1 HOUR 9 LEGITIMATE SKIP	2
NUMFRIG	1 ONE 2 TWO 3 THREE OR MORE 0 NONE	2

VARIABLE TYPERFR1	RESPONSE CODE LABEL 1 FULL-SIZE WITH ONE DOOR 2 FULL-SIZE WITH TWO DOORS 3 HALF OR QUARTER SIZE 4 SOME OTHER KIND 9 LEGITIMATE SKIP	FILE NUMBER* 2
DOORSFR1	1 SIDE-BY-SIDE 2 TOP AND BOTTOM 3 OTHER 9 LEGITIMATE SKIP	2
SIZRFRI1	1 VERY SMALL (10 CUBIC FEET OR LESS) 2 SMALL (11 TO 14 CUBIC FEET) 3 MEDIUM (15 TO 18 CUBIC FEET) 4 LARGE (19 TO 22 CUBIC FEET) 5 VERY LARGE (MORE THAN 22 CUBIC FEET) 9 LEGITIMATE SKIP	2
REFRIGT1	1 MANUAL 2 FROST FREE 3 NO WORKING FREEZER SECTION 9 LEGITIMATE SKIP	2
ICE	1 YES 0 NO 9 LEGITIMATE SKIP	2
AGERFRI1	1 LESS THAN 2 YEARS OLD 2 2 TO 4 YEARS OLD 3 5 TO 9 YEARS OLD 4 10 TO 19 YEARS OLD 5 20 YEARS OR OLDER 6 DON'T KNOW 9 LEGITIMATE SKIP	2
ESFRIG	1 YES 0 NO 6 DON'T KNOW 9 LEGITIMATE SKIP	2
TYPERFR2	1 FULL-SIZE WITH ONE DOOR 2 FULL-SIZE WITH TWO DOORS 3 HALF OR QUARTER SIZE 4 SOME OTHER KIND 9 LEGITIMATE SKIP	2
DOORSFR2	1 SIDE-BY-SIDE 2 TOP AND BOTTOM 3 OTHER 9 LEGITIMATE SKIP	2
SIZRFRI2	1 VERY SMALL (10 CUBIC FEET OR LESS) 2 SMALL (11 TO 14 CUBIC FEET) 3 MEDIUM (15 TO 18 CUBIC FEET) 4 LARGE (19 TO 22 CUBIC FEET) 5 VERY LARGE (MORE THAN 22 CUBIC FEET) 9 LEGITIMATE SKIP	2

VARIABLE REFRIGT2	RESPONSE CODE LABEL 1 MANUAL 2 FROST FREE 3 NO WORKING FREEZER SECTION 9 LEGITIMATE SKIP	FILE NUMBER* 2
MONRFRI2	MONTHS REFRIGERATOR 2 TURNED ON (0-12) 99 LEGITIMATE SKIP	2
AGERFRI2	01 LESS THAN 2 YEARS OLD 02 2 TO 4 YEARS OLD 03 5 TO 9 YEARS OLD 04 10 TO 19 YEARS OLD 05 20 YEARS OR OLDER 96 DON'T KNOW 99 LEGITIMATE SKIP	2
TYPERFR3	1 FULL-SIZE WITH ONE DOOR 2 FULL-SIZE WITH TWO DOORS 3 HALF OR QUARTER SIZE 4 SOME OTHER KIND 9 LEGITIMATE SKIP	2
DOORSFR3	1 SIDE-BY-SIDE 2 TOP AND BOTTOM 3 OTHER 9 LEGITIMATE SKIP	2
SIZRFRI3	1 VERY SMALL (10 CUBIC FEET OR LESS) 2 SMALL (11 TO 14 CUBIC FEET) 3 MEDIUM (15 TO 18 CUBIC FEET) 4 LARGE (19 TO 22 CUBIC FEET) 5 VERY LARGE (MORE THAN 22 CUBIC FEET) 9 LEGITIMATE SKIP	2
REFRIGT3	1 MANUAL 2 FROST FREE 3 NO WORKING FREEZER SECTION 9 LEGITIMATE SKIP	2
MONRFRI3	MONTHS REFRIGERATOR 3 TURNED ON (0-12) 99 LEGITIMATE SKIP	2
AGERFRI3	1 LESS THAN 2 YEARS OLD 2 2 TO 4 YEARS OLD 3 5 TO 9 YEARS OLD 4 10 TO 19 YEARS OLD 5 20 YEARS OR OLDER 6 DON'T KNOW 9 LEGITIMATE SKIP	2
SEPFREEZ	1 YES 0 NO	2
NUMFREEZ	0 NONE 1 ONE 2 TWO 3 THREE OR MORE 9 LEGITIMATE SKIP	2

VARIABLE UPRTFRZR	RESPONSE CODE LABEL 1 AN UPRIGHT 2 A CHEST-TYPE 9 LEGITIMATE SKIP	FILE NUMBER* 2
SIZFREEZ	1 VERY SMALL (10 CUBIC FEET OR LESS) 2 SMALL (11 TO 14 CUBIC FEET) 3 MEDIUM (15 TO 18 CUBIC FEET) 4 LARGE (19 TO 22 CUBIC FEET) 5 VERY LARGE (MORE THAN 22 CUBIC FEET) 9 LEGITIMATE SKIP	2
FREEZER	1 MANUAL 2 FROST FREE 9 LEGITIMATE SKIP	2
AGEFRZR	01 LESS THAN 2 YEARS OLD 02 TO 4 YEARS OLD 03 5 TO 9 YEARS OLD 04 10 TO 19 YEARS OLD 05 20 YEARS OR OLDER 96 DON'T KNOW 99 LEGITIMATE SKIP	2
UPRTFRZR2ND	1 AN UPRIGHT 2 A CHEST-TYPE 9 LEGITIMATE SKIP	2
SIZFREEZ2	1 VERY SMALL (10 CUBIC FEET OR LESS) 2 SMALL (11 TO 14 CUBIC FEET) 3 MEDIUM (15 TO 18 CUBIC FEET) 4 LARGE (19 TO 22 CUBIC FEET) 5 VERY LARGE (MORE THAN 22 CUBIC FEET) 9 LEGITIMATE SKIP	2
FREEZER2	1 MANUAL 2 FROST FREE 9 LEGITIMATE SKIP	2
AGEFRZR2	1 LESS THAN 2 YEARS OLD 2 TO 4 YEARS OLD 3 5 TO 9 YEARS OLD 4 10 TO 19 YEARS OLD 5 20 YEARS OR OLDER 6 DON'T KNOW 9 LEGITIMATE SKIP	2
DISHWASH	1 YES 0 NO	2
DWASHUSE	30 AT LEAST ONCE EACH DAY 20 4 TO 6 TIMES A WEEK 13 2 TO 3 TIMES A WEEK 12 ONCE EACH WEEK 11 LESS THAN ONCE EACH WEEK 99 LEGITIMATE SKIP	2

VARIABLE AGEDW	RESPONSE CODE LABEL 01 LESS THAN 2 YEARS OLD 02 TO 4 YEARS OLD 03 5 TO 9 YEARS OLD 04 10 TO 19 YEARS OLD 05 20 YEARS OR OLDER 96 DON'T KNOW 99 LEGITIMATE SKIP	FILE NUMBER* 2
ZSTOVEN	1 IMPUTED 0 NOT IMPUTED	2
ZSTOVE	1 IMPUTED 0 NOT IMPUTED	2
ZOVEN	1 IMPUTED 0 NOT IMPUTED	2
ZMULTSTV	1 IMPUTED 0 NOT IMPUTED	2
ZSTOVENFU	1 IMPUTED 0 NOT IMPUTED	2
ZSTOVENAB	1 IMPUTED 0 NOT IMPUTED	2
ZSTOVENAO	1 IMPUTED 0 NOT IMPUTED	2
ZMULTOVEN	1 IMPUTED 0 NOT IMPUTED	2
ZOVENA	1 IMPUTED 0 NOT IMPUTED	2
ZOVENUSE	1 IMPUTED 0 NOT IMPUTED	2
ZOVENCLN	1 IMPUTED 0 NOT IMPUTED	2
ZTYPECLN	1 IMPUTED 0 NOT IMPUTED	2
ZMULTRANG	1 IMPUTED 0 NOT IMPUTED	2
ZSTOVEA	1 IMPUTED 0 NOT IMPUTED	2
ZTOPGRILL	1 IMPUTED 0 NOT IMPUTED	2
ZSTGRILA	1 IMPUTED 0 NOT IMPUTED	2
ZMICRO	1 IMPUTED 0 NOT IMPUTED	2
ZAMTMICRO	1 IMPUTED 0 NOT IMPUTED	2
ZTOASTER	1 IMPUTED 0 NOT IMPUTED	2
ZTSTRFRQ	1 IMPUTED 0 NOT IMPUTED	2
ZTSTRUSE	1 IMPUTED 0 NOT IMPUTED	2

VARIABLE ZNUMMEAL	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER*
ZFUELFOOD	1 IMPUTED 0 NOT IMPUTED	2
ZCOFFEE	1 IMPUTED 0 NOT IMPUTED	2
ZCOFFFRQ	1 IMPUTED 0 NOT IMPUTED	2
ZCOFPOTON	1 IMPUTED 0 NOT IMPUTED	2
ZNUMFRIG	1 IMPUTED 0 NOT IMPUTED	2
ZTYPERFR1	1 IMPUTED 0 NOT IMPUTED	2
ZDOORSFR1	1 IMPUTED 0 NOT IMPUTED	2
ZSIZRFRI1	1 IMPUTED 0 NOT IMPUTED	2
ZREFRIGT1	1 IMPUTED 0 NOT IMPUTED	2
ZICE	1 IMPUTED 0 NOT IMPUTED	2
ZAGERFRI1	1 IMPUTED 0 NOT IMPUTED	2
ZESFRIG	1 IMPUTED 0 NOT IMPUTED	2
ZTYPERFR2	1 IMPUTED 0 NOT IMPUTED	2
ZDOORSFR2	1 IMPUTED 0 NOT IMPUTED	2
ZSIZRFRI2	1 IMPUTED 0 NOT IMPUTED	2
ZREFRIGT2	1 IMPUTED 0 NOT IMPUTED	2
ZMONRFRI2	1 IMPUTED 0 NOT IMPUTED	2
ZAGERFRI2	1 IMPUTED 0 NOT IMPUTED	2
ZTYPERFR3	1 IMPUTED 0 NOT IMPUTED	2
ZDOORSFR3	1 IMPUTED 0 NOT IMPUTED	2
ZSIZRFRI3	1 IMPUTED 0 NOT IMPUTED	2
ZREFRIGT3	1 IMPUTED 0 NOT IMPUTED	2
ZMONRFRI3	1 IMPUTED 0 NOT IMPUTED	2

VARIABLE ZAGERFRI3	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER*
ZSEPFREEZ	1 IMPUTED 0 NOT IMPUTED	2
ZNUMFREEZ	1 IMPUTED 0 NOT IMPUTED	2
ZUPRTFRZR	1 IMPUTED 0 NOT IMPUTED	2
ZSIZFREEZ	1 IMPUTED 0 NOT IMPUTED	2
ZFREEZER	1 IMPUTED 0 NOT IMPUTED	2
ZAGEFRZR	1 IMPUTED 0 NOT IMPUTED	2
ZUPRTFRZR2ND	1 IMPUTED 0 NOT IMPUTED	2
ZSIZFREEZ2	1 IMPUTED 0 NOT IMPUTED	2
ZFREEZER2	1 IMPUTED 0 NOT IMPUTED	2
ZAGEFRZR2	1 IMPUTED 0 NOT IMPUTED	2
ZDISHWASH	1 IMPUTED 0 NOT IMPUTED	2
ZDWASHUSE	1 IMPUTED 0 NOT IMPUTED	2
ZAGEDW	1 IMPUTED 0 NOT IMPUTED	2
ZESDISHW	1 IMPUTED 0 NOT IMPUTED	2
ESDISHW	1 YES 0 NO 9 LEGITIMATE SKIP	3
CWASHER	1 YES 0 NO	3
TOPFRONT	1 TOP LOADING 2 FRONT LOADING 9 LEGITIMATE SKIP	3
WASHLOAD	1 1 LOAD OR LESS EACH WEEK 2 2 TO 4 LOADS 3 5 TO 9 LOADS 4 10 TO 15 LOADS 5 MORE THAN 15 LOADS 9 LEGITIMATE SKIP	3
WASHTEMP	1 HOT 2 WARM 3 COLD 9 LEGITIMATE SKIP	3

VARIABLE RNSETEMP	RESPONSE CODE LABEL 1 HOT 2 WARM 3 COLD 9 LEGITIMATE SKIP	FILE NUMBER*
AGECWASH	1 LESS THAN 2 YEARS OLD 2 TO 4 YEARS OLD 3 5 TO 9 YEARS OLD 4 10 TO 19 YEARS OLD 5 20 YEARS OR OLDER 6 DON'T KNOW 9 LEGITIMATE SKIP	3
ESCWASH	1 YES 0 NO 6 DON'T KNOW 9 LEGITIMATE SKIP	3
DRYER	1 YES 0 NO	3
DRYRFUEL	01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 05 ELECTRICITY 99 LEGITIMATE SKIP	3
DRYRUSE	1 USE IT EVERY TIME YOU WASH CLOTHES 2 USE IT SOME, BUT NOT ALL, LOADS OF WASH 3 USE IT INFREQUENTLY 9 LEGITIMATE SKIP	3
AGECDRYER	1 LESS THAN 2 YEARS OLD 2 TO 4 YEARS OLD 3 5 TO 9 YEARS OLD 4 10 TO 19 YEARS OLD 5 20 YEARS OR OLDER 6 DON'T KNOW 9 LEGITIMATE SKIP	3
WATERBED	1 YES 0 NO	3
NOWTBDHT	NUMBER OF WATERBED HEATERS (0-9) 99 LEGITIMATE SKIP	3
WTBEDUSE	WATERBED HEATERS USED ALL YEAR (0-9) 99 LEGITIMATE SKIP	3
CFAN	1 YES 0 NO	3
NUMCFAN	NUMBER OF CEILING FANS (0-15) 99 LEGITIMATE SKIP	3
USECFAN	1 USED ONLY A FEW DAYS OR NIGHTS 2 USED QUITE A BIT 3 USED JUST ABOUT ALL SUMMER 4 MPT USED AT ALL	3
SWIMPOOL	1 YES 0 NO 9 LEGITIMATE SKIP	3

VARIABLE POOL	RESPONSE CODE LABEL 1 YES 0 NO 9 LEGITIMATE SKIP	FILE NUMBER*
FUELPOOL	01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 03 FUEL OIL 04 KEROSENE 05 ELECTRICITY 08 SOLAR 21 OTHER 99 LEGITIMATE SKIP	3
RECBATH	1 YES 0 NO 9 LEGITIMATE SKIP	3
FUELTUB	01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 03 FUEL OIL 04 KEROSENE 05 ELECTRICITY 08 SOLAR 21 OTHER 99 LEGITIMATE SKIP	3
H2OLAWNSYS	1 YES 0 NO	3
USEH2OLAWNSYS	1 YES 0 NO 9 LEGITIMATE SKIP	3
TVCOLOR	NUMBER OF COLOR TELEVISION SETS (0-15) 99 LEGITIMATE SKIP	3
BIGTV	NUMBER OF LARGE SCREEN TV SETS (0-15) 99 LEGITIMATE SKIP	3
PLASMANUM	NUMBER OF PLASMA SCREEN TV SETS (0-15) 99 LEGITIMATE SKIP	3
TVRECEP	1 YES 0 NO 9 LEGITIMATE SKIP	3
TYPRECEP	1 CABLE NETWORK 2 SATELLITE DISH ANTENNA 3 BOTH 9 LEGITIMATE SKIP	3
CBLCON	1 CONNECTED DIRECTLY TO THE TV 2 CONNECTED TO THE TV THROUGH A BOX 3 VARIES WITH THE TV 9 LEGITIMATE SKIP	3
VCR	NUMBER OF VCRs (0-15) 99 LEGITIMATE SKIP	3
DVD	NUMBER OF DVD PLAYERS (0-15) 99 LEGITIMATE SKIP	3

VARIABLE COMBOVCRDVD	RESPONSE CODE LABEL 1 YES 0 NO 9 LEGITIMATE SKIP	FILE NUMBER*
NCOMBOVCRDVD	NUMBER OF COMBO VCR/DVD PLAYERS (0-15) 99 LEGITIMATE SKIP	3
PLAYSTA	1 YES 0 NO	3
PLYSTAHRS	NUMBER HOURS USED EACH WEEK (0-168) 999 LEGITIMATE SKIP	3
TVONWD	1 LESS THAN 1 HOUR PER WEEDKAY 2 1 TO 3 HOURS PER DAY 3 MOST OF THE DAY 4TURNED ON ALL THE TIME	3
TVONWE	1 LESS THAN 1 HOUR PER DAY 2 1 TO 3 HOURS PER DAY 3 MOST OF THE DAY 4TURNED ON ALL THE TIME	3
NOTMOIST	1 YES 0 NO	3
USENOTMOIST	1 1 TO 3 MONTHS EACH YEAR 2 4 TO 6 MONTHS EACH YEAR 3 7 TO 9 MONTHS EACH YEAR 4 10 TO 11 MONTHS EACH YEAR 5 TURNED ON ALL YEAR LONG 9 LEGITIMATE SKIP	3
MOISTURE	1 YES 0 NO	3
USEMOISTURE	1 1 TO 3 MONTHS EACH YEAR 2 4 TO 6 MONTHS EACH YEAR 3 7 TO 9 MONTHS EACH YEAR 4 10 TO 11 MONTHS EACH YEAR 5 TURNED ON ALL YEAR LONG 9 LEGITIMATE SKIP	3
WELLPUMP	1 YES 0 NO	3
SWAMPCOL	1 YES 0 NO	3
AQUARIUM	1 YES 0 NO	3
DIPSTICK	1 YES 0 NO	3
NOCORD	1 YES 0 NO	3
CELLPHON	1 YES 0 NO	3
ANSMACH	1 YES 0 NO	3
STEREO	1 YES 0 NO	3

VARIABLE BOOMBOX	RESPONSE CODE LABEL 1 YES 0 NO	FILE NUMBER*
COMPCTST	1 YES 0 NO	3
COMPNTST	1 YES 0 NO	3
OTHSTER	1 YES 0 NO	3
BATTOOLS	1 YES 0 NO	3
BATCHRG	1 KEEP THEM PLUGGED IN ALL THE TIME 2 RECHARGE THEM AS NEEDED 3 BOTH WAYS ARE USED 9 LEGITIMATE SKIP	3
COMPUTER	1 YES 0 NO	3
MULTPC	1 YES 0 NO	3
NUMPC	NUMBER OF PERSONAL COMPUTERS (0-9) 99 LEGITIMATE SKIP	3
LAPTOPPC	NUMBER OF PCs USED AS LAPTOPS (0-9) 99 LEGITIMATE SKIP	3
PCTYPE1	1 DESK-TOP MODEL 2 LAP-TOP 9 LEGITIMATE SKIP	3
MONITOR1	1 CRT (STANDARD MONITOR) 2 FLAT-PANEL CLD 9 LEGITIMATE SKIP	3
TIMEON1	10 LESS THAN 2 HOURS EACH WEEK 20 2 TO 15 HOURS EACH WEEK 31 16 TO 40 HOURS EACH WEEK 32 MORE THAN 40 HOURS EACH WEEK 40 TURNED ON ALL THE TIME 99 LEGITIMATE SKIP	3
PCONOFF1	1 LEFT ON 2 COMPLETELY TURNED OFF 3 MANUALLY PUT IN SLEEP MODE 9 LEGITIMATE SKIP	3
PCSLEEP1	1 YES 0 NO 9 LEGITIMATE SKIP	3
PCSCREEN1	1 SCREEN SAVER 2 AUTOMATIC SLEEP MODE 3 MONITOR IS TURNED OFF 9 LEGITIMATE SKIP	3
PCTYPE2	1 DESK-TOP MODEL 2 LAP-TOP 9 LEGITIMATE SKIP	3

VARIABLE MONITOR2	RESPONSE CODE LABEL 1 CRT (STANDARD MONITOR) 2 FLAT-PANEL CLD 9 LEGITIMATE SKIP	FILE NUMBER* 3
TIMEON2	10 LESS THAN 2 HOURS EACH WEEK 20 2 TO 15 HOURS EACH WEEK 31 16 TO 40 HOURS EACH WEEK 32 MORE THAN 40 HOURS EACH WEEK 40 TURNED ON ALL THE TIME 99 LEGITIMATE SKIP	3
PCONOFF2	1 LEFT ON 2 COMPLETELY TURNED OFF 3 MANUALLY PUT IN SLEEP MODE 9 LEGITIMATE SKIP	3
PCSLEEP2	1 YES 0 NO 9 LEGITIMATE SKIP	3
PCSCREEN2	1 SCREEN SAVER 2 AUTOMATIC SLEEP MODE 3 MONITOR IS TURNED OFF 9 LEGITIMATE SKIP	3
PCTYPE3	1 DESK-TOP MODEL 2 LAP-TOP 9 LEGITIMATE SKIP	3
MONITOR3	1 CRT (STANDARD MONITOR) 2 FLAT-PANEL CLD 9 LEGITIMATE SKIP	3
TIMEON3	10 LESS THAN 2 HOURS EACH WEEK 20 2 TO 15 HOURS EACH WEEK 31 16 TO 40 HOURS EACH WEEK 32 MORE THAN 40 HOURS EACH WEEK 40 TURNED ON ALL THE TIME 99 LEGITIMATE SKIP	3
PCONOFF3	1 LEFT ON 2 COMPLETELY TURNED OFF 3 MANUALLY PUT IN SLEEP MODE 9 LEGITIMATE SKIP	3
PCSLEEP3	1 YES 0 NO 9 LEGITIMATE SKIP	3
PCSCREEN3	1 SCREEN SAVER 2 AUTOMATIC SLEEP MODE 3 MONITOR IS TURNED OFF 9 LEGITIMATE SKIP	3
INTERNET	1 YES 0 NO 9 LEGITIMATE SKIP	3
INDIALUP	1 YES 0 NO 9 LEGITIMATE SKIP	3

VARIABLE INDSL	RESPONSE CODE LABEL 1 YES 0 NO 9 LEGITIMATE SKIP	FILE NUMBER* 3
INCABLE	1 YES 0 NO 9 LEGITIMATE SKIP	3
INDSLOFF	1 YES 0 NO 9 LEGITIMATE SKIP	3
INCABLEOFF	1 YES 0 NO 9 LEGITIMATE SKIP	3
INWIRELESS	1 YES 0 NO 9 LEGITIMATE SKIP	3
INWIRELESSOFF	1 YES 0 NO 9 LEGITIMATE SKIP	3
HOWPCUSED	1 TELECOMMUTING 2 HOMEBUSINESS 3 RECREATION 4 PERSONAL USE 5 EDUCATION 9 LEGITIMATE SKIP	3
TELLDAYS	NUMBER OF DAYS TELECOMMUTING (1-7) 9 LEGITIMATE SKIP	3
PCPRINT	1 YES 0 NO 9 LEGITIMATE SKIP	3
FXCOPIER	1 YES 0 NO 9 LEGITIMATE SKIP	3
FAX	1 YES 0 NO	3
COPIER	1 YES 0 NO	3
ZCWASHER	1 IMPUTED 0 NOT IMPUTED	3
ZTOPFRONT	1 IMPUTED 0 NOT IMPUTED	3
ZWASHLOAD	1 IMPUTED 0 NOT IMPUTED	3
ZWASHTEMP	1 IMPUTED 0 NOT IMPUTED	3
ZRNSETEMP	1 IMPUTED 0 NOT IMPUTED	3
ZAGECWASH	1 IMPUTED 0 NOT IMPUTED	3

VARIABLE ZESCWASH	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER*
ZDRYER	1 IMPUTED 0 NOT IMPUTED	3
ZDRYRFUEL	1 IMPUTED 0 NOT IMPUTED	3
ZDRYRUSE	1 IMPUTED 0 NOT IMPUTED	3
ZAGECDRYER	1 IMPUTED 0 NOT IMPUTED	3
ZWATERBED	1 IMPUTED 0 NOT IMPUTED	3
ZNOWTBDHT	1 IMPUTED 0 NOT IMPUTED	3
ZWTBEDUSE	1 IMPUTED 0 NOT IMPUTED	3
ZCFAN	1 IMPUTED 0 NOT IMPUTED	3
ZNUMCFAN	1 IMPUTED 0 NOT IMPUTED	3
ZUSECFAN	1 IMPUTED 0 NOT IMPUTED	3
ZSWIMPOOL	1 IMPUTED 0 NOT IMPUTED	3
ZPOOL	1 IMPUTED 0 NOT IMPUTED	3
ZFUELPOOL	1 IMPUTED 0 NOT IMPUTED	3
ZRECBATH	1 IMPUTED 0 NOT IMPUTED	3
ZFUELTUB	1 IMPUTED 0 NOT IMPUTED	3
ZH2OLAWNSYS	1 IMPUTED 0 NOT IMPUTED	3
ZUSEH2OLAWNSYS	1 IMPUTED 0 NOT IMPUTED	3
ZTVCOLOR	1 IMPUTED 0 NOT IMPUTED	3
ZBIGTV	1 IMPUTED 0 NOT IMPUTED	3
ZPLASMANUM	1 IMPUTED 0 NOT IMPUTED	3
ZTVRECEP	1 IMPUTED 0 NOT IMPUTED	3
ZTYPRECEP	1 IMPUTED 0 NOT IMPUTED	3
ZCBLCON	1 IMPUTED 0 NOT IMPUTED	3

VARIABLE ZVCR	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER*
ZDVD	1 IMPUTED 0 NOT IMPUTED	3
ZCOMBOVCRDVD	1 IMPUTED 0 NOT IMPUTED	3
ZNCOMBOVCRDVD	1 IMPUTED 0 NOT IMPUTED	3
ZPLAYSTA	1 IMPUTED 0 NOT IMPUTED	3
ZPLYSTAHRS	1 IMPUTED 0 NOT IMPUTED	3
ZTVONWD	1 IMPUTED 0 NOT IMPUTED	3
ZTVONWE	1 IMPUTED 0 NOT IMPUTED	3
ZNOTMOIST	1 IMPUTED 0 NOT IMPUTED	3
ZUSENOTMOIST	1 IMPUTED 0 NOT IMPUTED	3
ZMOISTURE	1 IMPUTED 0 NOT IMPUTED	3
ZUSEMOISTURE	1 IMPUTED 0 NOT IMPUTED	3
ZWELLPUMP	1 IMPUTED 0 NOT IMPUTED	3
ZSWAMPCOL	1 IMPUTED 0 NOT IMPUTED	3
ZAQUARIUM	1 IMPUTED 0 NOT IMPUTED	3
ZDIPSTICK	1 IMPUTED 0 NOT IMPUTED	3
ZNOCORD	1 IMPUTED 0 NOT IMPUTED	3
ZCELLPHON	1 IMPUTED 0 NOT IMPUTED 1 IMPUTED	3
ZANSMACH	1 IMPUTED 0 NOT IMPUTED 1 IMPUTED	3
ZSTEREO ZBOOMBOX	0 NOT IMPUTED	3
ZCOMPCTST	1 IMPUTED 0 NOT IMPUTED 1 IMPUTED	
ZCOMPCTST	1 IMPUTED 0 NOT IMPUTED 1 IMPUTED	3
	0 NOT IMPUTED 1 IMPUTED	3
ZOTHSTER	0 NOT IMPUTED	S

VARIABLE ZBATTOOLS	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER*
ZBATCHRG	1 IMPUTED 0 NOT IMPUTED	3
ZCOMPUTER	1 IMPUTED 0 NOT IMPUTED	3
ZMULTPC	1 IMPUTED 0 NOT IMPUTED	3
ZNUMPC	1 IMPUTED 0 NOT IMPUTED	3
ZLAPTOPPC	1 IMPUTED 0 NOT IMPUTED	3
ZPCTYPE1	1 IMPUTED 0 NOT IMPUTED	3
ZMONITOR1	1 IMPUTED 0 NOT IMPUTED	3
ZTIMEON1	1 IMPUTED 0 NOT IMPUTED	3
ZPCONOFF1	1 IMPUTED 0 NOT IMPUTED	3
ZPCSLEEP1	1 IMPUTED 0 NOT IMPUTED	3
ZPCSCREEN1	1 IMPUTED 0 NOT IMPUTED	3
ZPCTYPE2	1 IMPUTED 0 NOT IMPUTED	3
ZMONITOR2	1 IMPUTED 0 NOT IMPUTED	3
ZTIMEON2	1 IMPUTED 0 NOT IMPUTED	3
ZPCONOFF2	1 IMPUTED 0 NOT IMPUTED	3
ZPCSLEEP2	1 IMPUTED 0 NOT IMPUTED	3
ZPCSCREEN2	1 IMPUTED 0 NOT IMPUTED	3
ZPCTYPE3	1 IMPUTED 0 NOT IMPUTED	3
ZMONITOR3	1 IMPUTED 0 NOT IMPUTED	3
ZTIMEON3	1 IMPUTED 0 NOT IMPUTED	3
ZPCONOFF3	1 IMPUTED 0 NOT IMPUTED	3
ZPCSCREEN3	1 IMPUTED 0 NOT IMPUTED	3
ZPCSCREEN3	1 IMPUTED 0 NOT IMPUTED	3

VARIABLE ZINTERNET	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER*
ZINDIALUP	1 IMPUTED 0 NOT IMPUTED	3
ZINDSL	1 IMPUTED 0 NOT IMPUTED	3
ZINCABLE	1 IMPUTED 0 NOT IMPUTED	3
ZINDSLOFF	1 IMPUTED 0 NOT IMPUTED	3
ZINCABLEOFF	1 IMPUTED 0 NOT IMPUTED	3
ZINWIRELESS	1 IMPUTED 0 NOT IMPUTED	3
ZINWIRELESSOFF	1 IMPUTED 0 NOT IMPUTED	3
ZHOWPCUSED	1 IMPUTED 0 NOT IMPUTED	3
ZTELLDAYS	1 IMPUTED 0 NOT IMPUTED	3
ZPCPRINT	1 IMPUTED 0 NOT IMPUTED	3
ZFXCOPIER	1 IMPUTED 0 NOT IMPUTED	3
ZFAX	1 IMPUTED 0 NOT IMPUTED	3
ZCOPIER	1 IMPUTED 0 NOT IMPUTED	3
DNTHEAT	1 HAVE EQUIPMENT, BUT DON'T USE IT 2 DON'T HAVE ANY HEATING EQUIPMENT 9 LEGITIMATE SKIP	4
EQUIPAGE	1 LESS THAN 2 YEARS OLD 2 2 TO 4 YEARS OLD 3 5 TO 9 YEARS OLD 4 10 TO 19 YEARS OLD 5 20 YEARS OR OLDER 6 DON'T KNOW 9 LEGITIMATE SKIP	4
HEATOTH	1 YES 0 NO	4
EQUIPAUX	1 YES 0 NO	4
REVERSE	1 YES 0 NO 9 LEGITIMATE SKIP	4
WARMAIR	1 YES 0 NO 9 LEGITIMATE SKIP	4

VARIABLE STEAMR	RESPONSE CODE LABEL 1 YES 0 NO 9 LEGITIMATE SKIP	FILE NUMBER*
PERMELEC	1 YES 0 NO 9 LEGITIMATE SKIP	4
PIPELESS	1 YES 0 NO 9 LEGITIMATE SKIP	4
ROOMHEAT	1 YES 0 NO 9 LEGITIMATE SKIP	4
WOODKILN	1 YES 0 NO 9 LEGITIMATE SKIP	4
CARRYEL	1 YES 0 NO 9 LEGITIMATE SKIP	4
CARRYKER	1 YES 0 NO 9 LEGITIMATE SKIP	4
CHIMNEY	1 YES 0 NO 9 LEGITIMATE SKIP	4
RANGE	1 YES 0 NO 9 LEGITIMATE SKIP	4
DIFEQUIP	1 YES 0 NO 9 LEGITIMATE SKIP	4
DKEQUIP	1 YES 0 NO 9 LEGITIMATE SKIP	4
ELECAUX	1 YES 0 NO	4
UGASAUX	1 YES 0 NO	4
LPGAUX	1 YES 0 NO	4
FOILAUX	1 YES 0 NO	4
KEROAUX	1 YES 0 NO	4
WOODAUX	1 YES 0 NO	4
SOLARAUX	1 YES 0 NO	4
OTHERAUX	1 YES 0 NO	4

VARIABLE DKAUX	RESPONSE CODE LABEL 1 YES 0 NO	FILE NUMBER*
FURNFUEL	01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 03 FUEL OIL 04 KEROSENE 05 ELECTRICITY 07 WOOD 08 SOLAR 09 DISTRICT STEAM 21 OTHER 99 LEGITIMATE SKIP	4
RADFUEL	01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 03 FUEL OIL 04 KEROSENE 05 ELECTRICITY 07 WOOD 08 SOLAR 09 DISTRICT STEAM 21 OTHER 99 LEGITIMATE SKIP	4
DIFFUEL	01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 03 FUEL OIL 04 KEROSENE 05 ELECTRICITY 07 WOOD 08 SOLAR 09 DISTRICT STEAM 21 OTHER 99 LEGITIMATE SKIP	4
PIPEFUEL	01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 03 FUEL OIL 04 KEROSENE 05 ELECTRICITY 07 WOOD 21 OTHER 99 LEGITIMATE SKIP	4
RMHTFUEL	01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 03 FUEL OIL 04 KEROSENE 99 LEGITIMATE SKIP	4
HSFUEL	07 WOOD 21 SOME OTHER FUEL 99 LEGITIMATE SKIP	4

VARIABLE FPFUEL	RESPONSE CODE LABEL 01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 07 WOOD 21 SOME OTHER FUEL 99 LEGITIMATE SKIP	FILE NUMBER* 4
NGFPFLUE	1 FLUE TO THE OUTSIDE 2 FLUELESS 9 LEGITIMATE SKIP	4
USENGFP	1 MOST DAYS 2 ABOUT ONCE A WEEK 3 FEWER THAN 4 TIMES EACH MONTH 9 LEGITIMATE SKIP	4
RNGFUEL	01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 03 FUEL OIL 04 KEROSENE 05 ELECTRICITY 07 WOOD 21 OTHER 99 LEGITIMATE SKIP	4
EQMAMT	1 ALMOST ALL 2 ABOUT THREE-FOURTHS 3 CLOSER TO HALF 9 LEGITIMATE SKIP	4
THERMAIN	1 YES 0 NO	4
NUMTHERM	1 YES 0 NO 9 LEGITIMATE SKIP	4
PROTHERM	1 YES 0 NO 9 LEGITIMATE SKIP	4
AUTOHEATNITE	1 YES 0 NO 9 LEGITIMATE SKIP	4
AUTOHEATDAY	1 YES 0 NO 9 LEGITIMATE SKIP	4
TEMPHOME	DAY TEMP WHEN SOMEONE HOME (40-94) 95 HEAT TURNED OFF 96 DON'T KNOW 97 DID NOT LIVE IN UNIT LAST WINTER 99 LEGITIMATE SKIP	4
TEMPGONE	DAY TEMP WHEN SOMEONE HOME (40-94) 95 HEAT TURNED OFF 96 DON'T KNOW 97 DID NOT LIVE IN UNIT LAST WINTER 99 LEGITIMATE SKIP	4

VARIABLE TEMPNITE	RESPONSE CODE LABEL SLEEPING HOURS TEMP (40-94) 95 HEAT TURNED OFF 96 DON'T KNOW 97 DID NOT LIVE IN UNIT LAST WINTER 99 LEGITIMATE SKIP	FILE NUMBER* 4
HEATOFF	 0 TURNED OFF ALL THE TIME 1 TURNED ON ONLY A FEW DAYS OR NIGHTS 2 TURNED ON QUITE A BIT 3 TURNED ON JUST ABOUT ALL WINTER 9 LEGITIMATE SKIP 	4
HEATROOM	1 YES 0 NO 9 LEGITIMATE SKIP	4
HEATNOT	NUMBER OF ROOMS NOT HEATED (0-23) 96 DON'T KNOW 99 LEGITIMATE SKIP	4
OTHNOHT	1 YES 0 NO 9 LEGITIMATE SKIP	4
ZFUELHEAT	1 IMPUTED 0 NOT IMPUTED	4
ZDNTHEAT	1 IMPUTED 0 NOT IMPUTED	4
ZEQUIPM	1 IMPUTED 0 NOT IMPUTED	4
ZEQUIPAGE	1 IMPUTED 0 NOT IMPUTED	4
ZHEATOTH	1 IMPUTED 0 NOT IMPUTED	4
ZEQUIPAUX	1 IMPUTED 0 NOT IMPUTED	4
ZREVERSE	1 IMPUTED 0 NOT IMPUTED	4
ZWARMAIR	1 IMPUTED 0 NOT IMPUTED	4
ZSTEAMR	1 IMPUTED 0 NOT IMPUTED	4
ZPERMELEC	1 IMPUTED 0 NOT IMPUTED	4
ZPIPELESS	1 IMPUTED 0 NOT IMPUTED	4
ZROOMHEAT	1 IMPUTED 0 NOT IMPUTED	4
ZWOODKILN	1 IMPUTED 0 NOT IMPUTED	4
ZCARRYEL	1 IMPUTED 0 NOT IMPUTED	4
ZCARRYKER	1 IMPUTED 0 NOT IMPUTED	4

VARIABLE ZCHIMNEY	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER*
ZRANGE	1 IMPUTED 0 NOT IMPUTED	4
ZDIFEQUIP	1 IMPUTED 0 NOT IMPUTED	4
ZDKEQUIP	1 IMPUTED 0 NOT IMPUTED	4
ZELECAUX	1 IMPUTED 0 NOT IMPUTED	4
ZUGASAUX	1 IMPUTED 0 NOT IMPUTED	4
ZLPGAUX	1 IMPUTED 0 NOT IMPUTED	4
ZFOILAUX	1 IMPUTED 0 NOT IMPUTED	4
ZKEROAUX	1 IMPUTED 0 NOT IMPUTED	4
ZWOODAUX	1 IMPUTED 0 NOT IMPUTED	4
ZSOLARAUX	1 IMPUTED 0 NOT IMPUTED	4
ZOTHERAUX	1 IMPUTED 0 NOT IMPUTED	4
ZDKAUX	1 IMPUTED 0 NOT IMPUTED	4
ZFURNFUEL	1 IMPUTED 0 NOT IMPUTED	4
ZRADFUEL	1 IMPUTED 0 NOT IMPUTED	4
ZDIFFUEL	1 IMPUTED 0 NOT IMPUTED	4
ZPIPEFUEL	1 IMPUTED 0 NOT IMPUTED	4
ZRMHTFUEL	1 IMPUTED 0 NOT IMPUTED	4
ZHSFUEL	1 IMPUTED 0 NOT IMPUTED	4
ZFPFUEL	1 IMPUTED 0 NOT IMPUTED	4
ZNGFPFLUE	1 IMPUTED 0 NOT IMPUTED	4
ZUSENGFP	1 IMPUTED 0 NOT IMPUTED	4
ZRNGFUEL	1 IMPUTED 0 NOT IMPUTED	4
ZEQMAMT	1 IMPUTED 0 NOT IMPUTED	4

VARIABLE ZTHERMAIN	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER* 4
ZOTHTHERM	1 IMPUTED 0 NOT IMPUTED	4
ZNUMTHERM	1 IMPUTED 0 NOT IMPUTED	4
ZPROTHERM	1 IMPUTED 0 NOT IMPUTED	4
ZAUTOHEATNITE	1 IMPUTED 0 NOT IMPUTED	4
ZAUTOHEATDAY	1 IMPUTED 0 NOT IMPUTED	4
ZTEMPHOME	1 IMPUTED 0 NOT IMPUTED	4
ZTEMPGONE	1 IMPUTED 0 NOT IMPUTED	4
ZTEMPNITE	1 IMPUTED 0 NOT IMPUTED	4
ZHEATOFF	1 IMPUTED 0 NOT IMPUTED	4
ZHEATROOM	1 IMPUTED 0 NOT IMPUTED	4
ZHEATNOT	1 IMPUTED 0 NOT IMPUTED	4
ZOTHNOHT	1 IMPUTED 0 NOT IMPUTED	4
FUELHEAT	01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 03 FUEL OIL 04 KEROSENE 05 ELECTRICITY 07 WOOD 08 SOLAR 09 DISTRICT STEAM 10 COAL 21 OTHER 99 DON'T HEAT HOME	4

VARIABLE EQUIPM	RESPONSE CODE LABEL 04 HEAT PUMP 03 CENTRAL WARM-AIR FURNACE WITH DUCTS 02 STEAM/HOT WATER SYSTEM WITH RADIATORS 05 BUILT-IN ELECTRIC UNITS INSTALLED IN WALLS 06 BUILT-IN FLOOR/WALL PIPELESS FURNACE 07 BUILT-IN HEATER BURNING GAS, OIL, KEROSENE 08 HEATING STOVE BURNING WOOD, COAL, COKE 10 PORTABLE ELECTRIC HEATERS 11 PORTABLE KEROSENE HEATERS 09 FIREPLACE 12 COOKING STOVE USED TO HEAT AND COOK 14 GEOTHERMAL HEAT PUMP 21 EQUIPMENT NOT LISTED 00 NO HEATING EQUIPMENT USED	FILE NUMBER*
NUMH2OHTRS	1 YES 0 NO 3 DON'T USE HOT WATER	5
WHEATOTH	1 YES 0 NO 9 DON'T USE HOT WATER	5
WHEATSIZ	 0 DON'T HAVE A SEPARATE WATER HEATER 1 SMALL (30 GALLONS OR LESS) 2 MEDIUM (31 TO 49 GALLONS) 3 LARGE (50 GALLONS OR MORE) 6 HAVE A TANKLESS WATER HEATER 9 DON'T USE HOT WATER 	5
WHEATAGE	 0 NO SEPARATE WATER HEATER 1 LESS THAN 2 YEARS OLD 2 2 TO 4 YEARS OLD 3 5 TO 9 YEARS OLD 4 10 TO 19 YEARS OLD 5 20 YEARS OR OLDER 6 DON'T KNOW 9 DON'T USE HOT WATER 	5
WHEATSIZ2	 1 SMALL (30 GALLONS OR LESS) 2 MEDIUM (31 TO 49 GALLONS) 3 LARGE (50 GALLONS OR MORE) 6 HAVE A TANKLESS WATER HEATER 9 LEGITIMATE SIKIP 	5
WHEATAGE2	1 LESS THAN 2 YEARS OLD 2 2 TO 4 YEARS OLD 3 5 TO 9 YEARS OLD 4 10 TO 19 YEARS OLD 5 20 YEARS OR OLDER 6 DON'T KNOW 9 LEGITIMATE SKIP	5
WATERWAIT AIRCOND	0 1 YES 0 NO	5 5

VARIABLE COOLTYPE	RESPONSE CODE LABEL 1 A CENTRAL SYSTEM 2 INDIVIDUAL UNITS IN THE WINDOW OR WALLS 3 BOTH CENTRAL AND INDIVIDUAL UNITS 9 LEGITIMATE SKIP	FILE NUMBER* 5
DUCTS	1 YES 0 NO 9 LEGITIMATE SKIP	5
ACHOUSE	1 ALL THE ROOMS 2 ONLY SOME OF THE ROOMS 0 NONE OF THE ROOMS COOLED 9 LEGITIMATE SKIP	5
ACROOMS	NUMBER OF ROOMS COOLED BY AC (0-95) 99 LEGITIMATE SKIP	5
CENACHP	1 YES 0 NO 9 LEGITIMATE SKIP	5
AGECENAC	01 LESS THAN 2 YEARS OLD 02 2 TO 4 YEARS OLD 03 5 TO 9 YEARS OLD 04 10 TO 19 YEARS OLD 05 20 YEARS OR OLDER 96 DON'T KNOW 99 LEGITIMATE SKIP	5
USECENAC	0 NOT USED AT ALL 1 TURNED ON ONLY A FEW DAYS OR NIGHTS 2 TURNED ON QUITE A BIT 3 TURNED ON JUST ABOUT ALL SUMMER 9 LEGITIMATE SKIP	5
ACOTHERS	1 YES 0 NO 9 LEGITIMATE SKIP	5
THERMAINAC	1 YES 0 NO 9 LEGITIMATE SKIP	5
PROTHERMAC	1 YES 0 NO 9 LEGITIMATE SKIP	5
AUTOCOOLNITE	1 YES 0 NO 9 LEGITIMATE SKIP	5
AUTOCOOLDAY	1 YES 0 NO 9 LEGITIMATE SKIP	5
TEMPHOMEAC	DAY TEMP WHEN SOMEONE HOME (40-94) 95 AC TURNED OFF 96 DON'T KNOW 97 DID NOT LIVE IN UNIT LAST WINTER 99 LEGITIMATE SKIP	5

VARIABLE TEMPGONEAC	RESPONSE CODE LABEL DAY TEMP WHEN NO ONE HOME (40-94) 95 AC TURNED OFF 96 DON'T KNOW 97 DID NOT LIVE IN UNIT LAST WINTER 99 LEGITIMATE SKIP	FILE NUMBER* 5
TEMPNITEAC	SLEEPING HOURS TEMP (40-94) 95 AC TURNED OFF 96 DON'T KNOW 97 DID NOT LIVE IN UNIT LAST WINTER 99 LEGITIMATE SKIP	5
NUMBERAC	NUMBER OF WINDOW OR WALL AC UNITS (0-15) 99 LEGITIMATE SKIP	5
WWACAGE	1 LESS THAN 2 YEARS OLD 2 2 TO 4 YEARS OLD 3 5 TO 9 YEARS OLD 4 10 TO 19 YEARS OLD 5 20 YEARS OR OLDER 6 DON'T KNOW 9 LEGITIMATE SKIP	5
ESWWAC	1 YES 0 NO 9 LEGITIMATE SKIP	5
USEWWAC	0 NOT USED AT ALL 1 TURNED ON ONLY A FEW DAYS OR NIGHTS 2 TURNED ON QUITE A BIT 3 TURNED ON JUST ABOUT ALL SUMMER 9 LEGITIMATE SKIP	5
TREESHAD	1 YES 0 NO	5
LGT12	INDOOR LIGHTS ON MORE THAN 12 HOURS (0-40) 99 LEGITIMATE SKIP	5
LGT12EE	EE LIGHTS ON MORE THAN 12 HOURS (0-40) 99 LEGITIMATE SKIP	5
LGT4	INDOOR LIGHTS ON 4 TO 12 HOURS (0-40) 99 LEGITIMATE SKIP	5
LGT4EE	EE LIGHTS ON 4 TO 12 HOURS (0-40) 99 LEGITIMATE SKIP	5
LGT1	INDOOR LIGHTS ON 1 TO 4 HOURS (0-40) 99 LEGITIMATE SKIP	5
LGT1EE	EE LIGHTS ON 1 TO 4 HOURS (0-40) 99 LEGITIMATE SKIP	5
NOUTLGTNT NGASLIGHT	OUTDOOR LIGHTS ON ALL NIGHT (0-15) NATURAL GAS LIGHTS ON ALL NIGHT (0-10) 9 LEGITIMATE SKIP	5 5
SLDDRS	1 YES 0 NO	5
DOOR1SUM	NUMBER OF SLIDING DOORS (0-10) 99 LEGITIMATE SKIP	5

VARIABLE WINDOWS	RESPONSE CODE LABEL 10 1 OR 2 20 3 TO 5 30 6 TO 9 41 10 TO 15 42 16 TO 19 50 20 TO 29 60 30 OR MORE 00 NONE 99 LEGITIMATE SKIP	FILE NUMBER* 5
TYPEGLASS	1 SINGLE-PANE GLASS 2 DOUBLE-PANE GLASS 3 DOUBLE-PANE GLASS WITH LOW-E COATING 4 TRIPLE-PANE GLASS 5 TRIPLE-PANE GLASS WITH LOW-E COATING	5
NEWGLASS	1 ALL OF THE WINDOWS 2 SOME OF THE WINDOWS 3 NONE OF THE WINDOWS	5
ADQINSUL	1 WELL INSULATED 2 ADEQUATELY INSULATED 3 POORLY INSULATED 4 NO INSULATION 6 DON'T KNOW 9 LEGITIMATE SKIP	5
DRAFTY	1 ALL THE TIME 2 MOST OF THE TIME 3 SOME OF THE TIME 6 DON'T KNOW 7 DID NOT LIVE IN UNIT LAST WINTER 9 LEGITIMATE SKIP	5
HIGHCEIL	1 YES 0 NO 9 LEGITIMATE SKIP	5
CATHCEIL	1 YES 0 NO 9 LEGITIMATE SKIP	5
ZNUMH2OHTRS	1 IMPUTED 0 NOT IMPUTED	5
ZFUELH2O	1 IMPUTED 0 NOT IMPUTED	5
ZWHEATOTH	1 IMPUTED 0 NOT IMPUTED	5
ZWHEATSIZ	1 IMPUTED 0 NOT IMPUTED	5
ZWHEATAGE	1 IMPUTED 0 NOT IMPUTED	5
ZFUELH2O2	1 IMPUTED 0 NOT IMPUTED	5
ZWHEATSIZ2	1 IMPUTED 0 NOT IMPUTED	5

VARIABLE ZWHEATAGE2	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER* 5
ZWATERWAIT	1 IMPUTED 0 NOT IMPUTED	5
ZAIRCOND	1 IMPUTED 0 NOT IMPUTED	5
ZCOOLTYPE	1 IMPUTED 0 NOT IMPUTED	5
ZDUCTS	1 IMPUTED 0 NOT IMPUTED	5
ZACHOUSE	1 IMPUTED 0 NOT IMPUTED	5
ZACROOMS	1 IMPUTED 0 NOT IMPUTED	5
ZCENACHP	1 IMPUTED 0 NOT IMPUTED	5
ZAGECENAC	1 IMPUTED 0 NOT IMPUTED	5
ZUSECENAC	1 IMPUTED 0 NOT IMPUTED	5
ZACOTHERS	1 IMPUTED 0 NOT IMPUTED	5
ZTHERMAINAC	1 IMPUTED 0 NOT IMPUTED	5
ZPROTHERMAC	1 IMPUTED 0 NOT IMPUTED	5
ZAUTOCOOLNITE	1 IMPUTED 0 NOT IMPUTED	5
ZAUTOCOOLDAY	1 IMPUTED 0 NOT IMPUTED	5
ZTEMPHOMEAC	1 IMPUTED 0 NOT IMPUTED	5
ZTEMPGONEAC	1 IMPUTED 0 NOT IMPUTED	5
ZTEMPNITEAC	1 IMPUTED 0 NOT IMPUTED	5
ZNUMBERAC	1 IMPUTED 0 NOT IMPUTED	5
ZWWACAGE	1 IMPUTED 0 NOT IMPUTED	5
ZESWWAC	1 IMPUTED 0 NOT IMPUTED	5
ZUSEWWAC	1 IMPUTED 0 NOT IMPUTED	5
ZTREESHAD	1 IMPUTED 0 NOT IMPUTED	5
ZLGT12	1 IMPUTED 0 NOT IMPUTED	5

VARIABLE ZLGT12EE	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER*
ZLGT4	1 IMPUTED 0 NOT IMPUTED	5
ZLGT4EE	1 IMPUTED 0 NOT IMPUTED	5
ZLGT1	1 IMPUTED 0 NOT IMPUTED	5
ZLGT1EE	1 IMPUTED 0 NOT IMPUTED	5
ZNOUTLGTNT	1 IMPUTED 0 NOT IMPUTED	5
ZNGASLIGHT	1 IMPUTED 0 NOT IMPUTED	5
ZSLDDRS	1 IMPUTED 0 NOT IMPUTED	5
ZDOOR1SUM	1 IMPUTED 0 NOT IMPUTED	5
ZWINDOWS	1 IMPUTED 0 NOT IMPUTED	5
ZTYPEGLASS	1 IMPUTED 0 NOT IMPUTED	5
ZNEWGLASS	1 IMPUTED 0 NOT IMPUTED	5
ZADQINSUL	1 IMPUTED 0 NOT IMPUTED	5
ZDRAFTY	1 IMPUTED 0 NOT IMPUTED	5
ZHIGHCEIL	1 IMPUTED 0 NOT IMPUTED	5
ZCATHCEIL	1 IMPUTED 0 NOT IMPUTED	5
FUELH2O	01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 03 FUEL OIL 04 KEROSENE 05 ELECTRICITY 07 WOOD 08 SOLAR 21 OTHER 95 DON'T USE HOT WATER	5

VARIABLE FUELH2O2	RESPONSE CODE LABEL 01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 03 FUEL OIL 04 KEROSENE 05 ELECTRICITY 07 WOOD 08 SOLAR 21 OTHER 99 LEGITIMATE SKIP	FILE NUMBER* 5
USEEL	1 YES 0 NO	6
USENG	1 YES 0 NO	6
USELP	1 YES 0 NO	6
USEFO	1 YES 0 NO	6
USEKERO	1 YES 0 NO	6
USEWOOD	1 YES 0 NO	6
USESOLAR	1 YES 0 NO	6
USEOTH	1 YES 0 NO	6
ELWARM	1 YES 0 NO	6
ELFOOD	1 YES 0 NO	6
ELWATER	1 YES 0 NO	6
ELCOOL	1 YES 0 NO	6
ELOTHER	1 YES 0 NO	6
UGWARM	1 YES 0 NO	6
UGWATER	1 YES 0 NO	6
UGCOOK	1 YES 0 NO	6
UGOTH	1 YES 0 NO	6
LPWARM	1 YES 0 NO	6
LPWATER	1 YES 0 NO	6
LPCOOK	1 YES 0 NO	6

VARIABLE LPGRILL	RESPONSE CODE LABEL 1 YES 0 NO	FILE NUMBER*
LPOTHER	1 YES 0 NO	6
FOWARM	1 YES 0 NO	6
FOWATER	1 YES 0 NO	6
FOOTHER	1 YES 0 NO	6
KRWARM	1 YES 0 NO	6
KRWATER	1 YES 0 NO	6
KROTHER	1 YES 0 NO	6
WDWARM	1 YES 0 NO	6
WDWATER	1 YES 0 NO	6
WDOTHER	1 YES 0 NO	6
SOLWARM	1 YES 0 NO	6
SOLWATER	1 YES 0 NO	6
SOLPOOL	1 YES 0 NO	6
SOLOTHER	1 YES 0 NO	6
OTHCOOK	1 YES 0 NO	6
USENGLPG	1 YES 0 NO 9 LEGITIMATE SKIP	6
NGLPGFU	01 NATURAL GAS FROM UNDERGROUND PIPES 02 BOTTLED GAS (LPG OR PROPANE) 99 LEGITIMATE SKIP	6
PELHEAT	1 HOUSEHOLD PAYS 2 RENT / FEE 3 OTHER 9 LEGITIMATE SKIP	6
PELHOTWA	1 HOUSEHOLD PAYS 2 RENT / FEE 3 OTHER 9 LEGITIMATE SKIP	6

VARIABLE PELCOOK	RESPONSE CODE LABEL 1 HOUSEHOLD PAYS 2 RENT / FEE 3 OTHER 9 LEGITIMATE SKIP	FILE NUMBER*
PELAC	1 HOUSEHOLD PAYS 2 RENT / FEE 3 OTHER 9 LEGITIMATE SKIP	6
PELLIGHT	1 HOUSEHOLD PAYS 2 RENT / FEE 3 OTHER 9 LEGITIMATE SKIP	6
PGASHEAT	1 HOUSEHOLD PAYS 2 RENT / FEE 3 OTHER 9 LEGITIMATE SKIP	6
PGASHTWA	1 HOUSEHOLD PAYS 2 RENT / FEE 3 OTHER 9 LEGITIMATE SKIP	6
PUGCOOK	1 HOUSEHOLD PAYS 2 RENT / FEE 3 OTHER 9 LEGITIMATE SKIP	6
PUGOTH	1 HOUSEHOLD PAYS 2 RENT / FEE 3 OTHER 9 LEGITIMATE SKIP	6
FOPAY	1 HOUSEHOLD PAYS 2 RENT / FEE 3 OTHER 9 LEGITIMATE SKIP	6
LPGPAY	1 HOUSEHOLD PAYS 2 RENT / FEE 3 OTHER 9 LEGITIMATE SKIP	6
HOWPAID	1 ALL PAID BY HOUSEHOLD 2 ALL INCLUDED IN RENT 3 SOME PAID, SOME RENT 4 OTHER 9 NO UTILITIES ARE USED	6
HOWPAYEL	1 ALL PAID BY HOUSEHOLD 2 ALL INCLUDED IN RENT 3 SOME PAID, SOME RENT 4 OTHER 9 NO ELECTRICITY USED	6

VARIABLE HOWPAYNG	RESPONSE CODE LABEL 1 ALL PAID BY HOUSEHOLD 2 ALL INCLUDED IN RENT 3 SOME PAID, SOME RENT 4 OTHER 9 NO NATURAL GAS USED	FILE NUMBER*
HOWPAYLP	1 ALL PAID BY HOUSEHOLD 2 ALL INCLUDED IN RENT 3 SOME PAID, SOME RENT, OTHER 9 NO ELECTRICITY USED	6
HOWPAYFO	1 ALL PAID BY HOUSEHOLD 2 ALL INCLUDED IN RENT 3 SOME PAID, SOME RENT 4 OTHER 9 NO FUEL OIL USED	6
HOWPAYKR	1 ALL PAID BY HOUSEHOLD 9 NO KEROSENE USED	6
LPGDELV	1 YES 0 NO 9 LEGITIMATE SKIP	6
NDIFLPCO	NUMBER OF BOTTLED GAS COMPANIES (0-10) 99 LEGITIMATE SKIP	6
NLPDELNC	NUMBER OF BOTTLED GAS DELIVERIES (0-25) 99 LEGITIMATE SKIP	6
QUANTFO	1 LESS THAN 100 GALLONS 2 100 TO 499 GALLONS 3 500 TO 1,000 GALLONS 4 MORE THAN 1,000 GALLONS 9 LEGITIMATE SKIP	6
FODEL	1 YES 0 NO 9 LEGITIMATE SKIP	6
NDIFFOCO	NUMBER OF FUEL OIL COMPANIES (0-10) 99 LEGITIMATE SKIP	6
NFODELNC	NUMBER OF FUEL OIL DELIVERIES (0-25) 99 LEGITIMATE SKIP	6
KERODEL	1 YES 0 NO 9 LEGITIMATE SKIP	6
NDIFKRCO	NUMBER OF KEROSENE COMPANIES (0-10) 99 LEGITIMATE SKIP	6
KEROCASH	1 YES 0 NO 9 LEGITIMATE SKIP	6
NOCRCASH	NUMBER OF TIMES HH BUYS KEROSENE (0-100) 999 LEGITIMATE SKIP	6
NKRGALNC	NUMBER OF GALLONS BOUGHT EACH TIME (0-77) 99 LEGITIMATE SKIP	6
PRICEKER	PRICE PER GALLON OF KEROSENE (.50-5.00) 9999 LEGITIMATE SKIP	6

VARIABLE TOTPAYKR	RESPONSE CODE LABEL HOW MUCH PAID FOR KERO EACH TIME (0-300.00) 999999 LEGITIMATE SKIP	FILE NUMBER*
WOODLOGS	1 YES 0 NO 9 LEGITIMATE SKIP	6
WDSCRAP	1 YES 0 NO 9 LEGITIMATE SKIP	6
WDPELLET	1 YES 0 NO 9 LEGITIMATE SKIP	6
WOODAMT	1 LESS THAN HALF A CORD 2 MORE THAN 1/2 BUT LESS THAN A WHOLE CORD 3 AT LEAST ONE FULL CORD 4 MORE THAN ONE FULL CORD 5 BAGS OF PELLETS 9 LEGITIMATE SKIP	6
CORDPLUS	1 ONE 2 ONE AND ONE-HALF 3 TWO 4 TWO AND ONE-HALF 5 THREE 6 MORE THAN THREE 9 LEGITIMATE SKIP	6
CORDPLUSA	NUMBER OF CORDS 3 OR MORE (3-95) 99 LEGITIMATE SKIP	6
CORDTEN	NUMBER OF CORDS (0-9995) 9999 LEGITIMATE SKIP	6
ZUSEEL	1 IMPUTED 0 NOT IMPUTED	6
ZUSENG	1 IMPUTED 0 NOT IMPUTED	6
ZUSELP	1 IMPUTED 0 NOT IMPUTED	6
ZUSEFO	1 IMPUTED 0 NOT IMPUTED	6
ZUSEKERO	1 IMPUTED 0 NOT IMPUTED	6
ZUSEWOOD	1 IMPUTED 0 NOT IMPUTED	6
ZUSESOLAR	1 IMPUTED 0 NOT IMPUTED	6
ZUSEOTH	1 IMPUTED 0 NOT IMPUTED	6
ZELWARM	1 IMPUTED 0 NOT IMPUTED	6
ZELFOOD	1 IMPUTED 0 NOT IMPUTED	6

VARIABLE ZELWATER	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER* 6
ZELCOOL	1 IMPUTED 0 NOT IMPUTED	6
ZELOTHER	1 IMPUTED 0 NOT IMPUTED	6
ZUGWARM	1 IMPUTED 0 NOT IMPUTED	6
ZUGWATER	1 IMPUTED 0 NOT IMPUTED	6
ZUGCOOK	1 IMPUTED 0 NOT IMPUTED	6
ZUGOTH	1 IMPUTED 0 NOT IMPUTED	6
ZLPWARM	1 IMPUTED 0 NOT IMPUTED	6
ZLPWATER	1 IMPUTED 0 NOT IMPUTED	6
ZLPCOOK	1 IMPUTED 0 NOT IMPUTED	6
ZLPGRILL	1 IMPUTED 0 NOT IMPUTED	6
ZLPOTHER	1 IMPUTED 0 NOT IMPUTED	6
ZFOWARM	1 IMPUTED 0 NOT IMPUTED	6
ZFOWATER	1 IMPUTED 0 NOT IMPUTED	6
ZFOOTHER	1 IMPUTED 0 NOT IMPUTED	6
ZKRWARM	1 IMPUTED 0 NOT IMPUTED	6
ZKRWATER	1 IMPUTED 0 NOT IMPUTED	6
ZKROTHER	1 IMPUTED 0 NOT IMPUTED	6
ZWDWARM	1 IMPUTED 0 NOT IMPUTED	6
ZWDWATER	1 IMPUTED 0 NOT IMPUTED	6
ZWDOTHER	1 IMPUTED 0 NOT IMPUTED	6
ZSOLWARM	1 IMPUTED 0 NOT IMPUTED	6
ZSOLWATER	1 IMPUTED 0 NOT IMPUTED	6
ZSOLPOOL	1 IMPUTED 0 NOT IMPUTED	6

VARIABLE ZSOLOTHER	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER*
ZOTHCOOK	1 IMPUTED 0 NOT IMPUTED	6
ZUSENGLPG	1 IMPUTED 0 NOT IMPUTED	6
ZNGLPGFU	1 IMPUTED 0 NOT IMPUTED	6
ZPELHEAT	1 IMPUTED 0 NOT IMPUTED	6
ZPELHOTWA	1 IMPUTED 0 NOT IMPUTED	6
ZPELCOOK	1 IMPUTED 0 NOT IMPUTED	6
ZPELAC	1 IMPUTED 0 NOT IMPUTED	6
ZPELLIGHT	1 IMPUTED 0 NOT IMPUTED	6
ZPGASHEAT	1 IMPUTED 0 NOT IMPUTED	6
ZPGASHTWA	1 IMPUTED 0 NOT IMPUTED	6
ZPUGCOOK	1 IMPUTED 0 NOT IMPUTED	6
ZPUGOTH	1 IMPUTED 0 NOT IMPUTED	6
SIGNFORM	1 AUTHORIZATION FORM SIGNED 0 AUTHORIZATION FORM NOT SIGNED 9 LEGITIMATE SKIP	7
KFUELOT	1 YES 0 NO 9 LEGITIMATE SKIP	7
FARM	1 YES 0 NO 9 LEGITIMATE SKIP	7
TENANT	1 YES 0 NO 9 LEGITIMATE SKIP	7
BUSINESS	1 YES 0 NO 9 LEGITIMATE SKIP	7
OTHERUSE	1 YES 0 NO 9 LEGITIMATE SKIP	7
BILLUG	1 YES 0 NO 9 LEGITIMATE SKIP	7

VARIABLE BLPUSE	RESPONSE CODE LABEL 1 YES 0 NO 9 LEGITIMATE SKIP	FILE NUMBER* 7
BILLFOIL	1 YES 0 NO 9 LEGITIMATE SKIP	7
BILLKER	1 YES 0 NO 9 LEGITIMATE SKIP	7
BILLEL	1 YES 0 NO 9 LEGITIMATE SKIP	7
BILLUGP	0 VERY LITTLE (1-4%) 1 SOME (5-33%) 2 ABOUT HALF (34-66%) 3 ABOUT THREE-QUARTERS (67-95%) 4 MOST OF IT (96-99%) 9 LEGITIMATE SKIP	7
BILLLGP	0 VERY LITTLE (1-4%) 1 SOME (5-33%) 2 ABOUT HALF (34-66%) 3 ABOUT THREE-QUARTERS (67-95%) 4 MOST OF IT (96-99%) 9 LEGITIMATE SKIP	7
BILLFOP	0 VERY LITTLE (1-4%) 1 SOME (5-33%) 2 ABOUT HALF (34-66%) 3 ABOUT THREE-QUARTERS (67-95%) 4 MOST OF IT (96-99%) 9 LEGITIMATE SKIP	7
BILLKERP	0 VERY LITTLE (1-4%) 1 SOME (5-33%) 2 ABOUT HALF (34-66%) 3 ABOUT THREE-QUARTERS (67-95%) 4 MOST OF IT (96-99%) 9 LEGITIMATE SKIP	7
BILLELP	0 VERY LITTLE (1-4%) 1 SOME (5-33%) 2 ABOUT HALF (34-66%) 3 ABOUT THREE-QUARTERS (67-95%) 4 MOST OF IT (96-99%) 9 LEGITIMATE SKIP	7
ZFOPAY	1 IMPUTED 0 NOT IMPUTED	7
ZLPGPAY	1 IMPUTED 0 NOT IMPUTED	7
ZOTHERWAYEL	1 IMPUTED 0 NOT IMPUTED	7

VARIABLE	RESPONSE CODE LABEL	FILE NUMBER*
ZOTHERWAYNG	1 IMPUTED 0 NOT IMPUTED	7
ZOTHERWAYFO	1 IMPUTED 0 NOT IMPUTED	7
ZOTHERWAYLPG	1 IMPUTED 0 NOT IMPUTED	7
ZLPGDELV	1 IMPUTED 0 NOT IMPUTED	7
ZNDIFLPCO	1 IMPUTED 0 NOT IMPUTED	7
ZNLPDELNC	1 IMPUTED 0 NOT IMPUTED	7
ZQUANTFO	1 IMPUTED 0 NOT IMPUTED	7
ZFODEL	1 IMPUTED 0 NOT IMPUTED	7
ZNDIFFOCO	1 IMPUTED 0 NOT IMPUTED	7
ZNFODELNC	1 IMPUTED 0 NOT IMPUTED	7
ZKERODEL	1 IMPUTED 0 NOT IMPUTED	7
ZNDIFKRCO	1 IMPUTED 0 NOT IMPUTED	7
ZKEROCASH	1 IMPUTED 0 NOT IMPUTED	7
ZNOCRCASH	1 IMPUTED 0 NOT IMPUTED	7
ZNKRGALNC	1 IMPUTED 0 NOT IMPUTED	7
ZPRICEKER	1 IMPUTED 0 NOT IMPUTED	7
ZTOTPAYKR	1 IMPUTED 0 NOT IMPUTED	7
ZWOODLOGS	1 IMPUTED 0 NOT IMPUTED	7
ZWDSCRAP	1 IMPUTED 0 NOT IMPUTED	7
ZWDPELLET	1 IMPUTED 0 NOT IMPUTED	7
ZWOODAMT	1 IMPUTED 0 NOT IMPUTED	7
ZCORDPLUS	1 IMPUTED 0 NOT IMPUTED	7
ZCORDPLUSA	1 IMPUTED 0 NOT IMPUTED	7
ZSIGNFORM	1 IMPUTED 0 NOT IMPUTED	7

VARIABLE ZKFUELOT	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER*
ZFARM	1 IMPUTED 0 NOT IMPUTED 0 NOT IMPUTED	7
ZTENANT	1 IMPUTED 0 NOT IMPUTED	7
ZBUSINESS	1 IMPUTED 0 NOT IMPUTED	7
ZOTHERUSE	1 IMPUTED 0 NOT IMPUTED	7
ZBILLUG	1 IMPUTED 0 NOT IMPUTED	7
ZBILLFOIL	1 IMPUTED 0 NOT IMPUTED	7
ZBILLKER	1 IMPUTED 0 NOT IMPUTED	7
ZBILLEL	1 IMPUTED 0 NOT IMPUTED	7
ZBILLUGP	1 IMPUTED 0 NOT IMPUTED	7
ZBILLLGP	1 IMPUTED 0 NOT IMPUTED	7
ZBILLKERP	1 IMPUTED 0 NOT IMPUTED	7
ZBILLELP	1 IMPUTED 0 NOT IMPUTED	7
HBUSNESS	1 YES 0 NO 6 DON'T KNOW 8 REFUSED 9 NO ANSWER	8
OTHWORK	1 YES 0 NO	8
ATHOME	1 YES 0 NO	8
HHINTRO	1 YES 0 NO	8
HHSEX	1 FEMALE 2 MALE	8
HHAGE EMPLOYHH	AGE OF HOUSEHOLDER (16-95) 0 NOT EMPLOYED 1 EMPLOYED FULL-TIME 2 EMPLOYED PART-TIME	8 8
SPOUSE	1 YES 0 NO	8
SDESCENT	1 YES 0 NO	8

VARIABLE ORIGIN1	RESPONSE CODE LABEL 03 AMERICAN INDIAN OR ALASKAN NATIVE 41 ASIAN 02 BLACK OR AFRICAN AMERICA 42 NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER 01 WHITE 05 OTHER 07 HISPANIC	FILE NUMBER*
ORIGIN2	03 AMERICAN INDIAN OR ALASKAN NATIVE 41 ASIAN 02 BLACK OR AFRICAN AMERICA 42 NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER 01 WHITE 05 OTHER 07 HISPANIC 99 LEGITIMATE SKIP	8
ORIGIN3	03 AMERICAN INDIAN OR ALASKAN NATIVE 41 ASIAN 02 BLACK OR AFRICAN AMERICA 42 NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER 01 WHITE 05 OTHER 07 HISPANIC 99 LEGITIMATE SKIP	8
NHSLDMEM	NUMBER THAT LIVE IN HOUSEHOLD (1-15)	8
AGEHHMEM1	AGE OF PERSON (4.95)	8
AGEHHMEM2	AGE OF PERSON (1-95) 99 LEGITIMATE SKIP	8
AGEHHMEM3	AGE OF PERSON (1-95) 99 LEGITIMATE SKIP	8
AGEHHMEM4	AGE OF PERSON (1-95) 99 LEGITIMATE SKIP	8
AGEHHMEM5	AGE OF PERSON (1-95) 99 LEGITIMATE SKIP	8
AGEHHMEM6	AGE OF PERSON (1-95) 99 LEGITIMATE SKIP	8
AGEHHMEM7	AGE OF PERSON (1-95) 99 LEGITIMATE SKIP	8
AGEHHMEM8	AGE OF PERSON (1-95) 99 LEGITIMATE SKIP	8
AGEHHMEM9	AGE OF PERSON (1-95) 99 LEGITIMATE SKIP	8
AGEHHMEM10	AGE OF PERSON (1-95) 99 LEGITIMATE SKIP	8
AGEHHMEM11	AGE OF PERSON (1-95) 99 LEGITIMATE SKIP	8
AGEHHMEM12	AGE OF PERSON (1-95) 99 LEGITIMATE SKIP	8
AGEHHMEMY	AGE OF PERSON (1-95) 99 LEGITIMATE SKIP	8

VARIABLE WORKPAY	RESPONSE CODE LABEL 1 YES 0 NO	FILE NUMBER*
RETIREPY	1 YES 0 NO	8
CASHBEN	1 YES 0 NO	8
NCASHBEN	1 YES 0 NO	8
MONEYPY	01 LESS THAN \$2,500 02 \$2,500 TO \$4,999 03 \$5,000 TO \$7,499 04 \$7,500 TO \$9,999 05 \$10,000 TO \$14,999 06 \$15,000 TO \$19,999 07 \$20,000 TO \$24,999 08 \$25,000 TO \$29,999 09 \$30,000 TO \$34,999 10 \$35,000 TO \$34,999 11 \$40,000 TO \$44,999 12 \$45,000 TO \$49,999 13 \$50,000 TO \$54,999 14 \$55,000 TO \$59,999 15 \$60,000 TO \$54,999 16 \$65,000 TO \$64,999 17 \$70,000 TO \$64,999 18 \$75,000 TO \$74,999 18 \$75,000 TO \$79,999 19 \$80,000 TO \$84,999 20 \$85,000 TO \$89,999 21 \$90,000 TO \$84,999 22 \$95,000 TO \$99,999 23 \$100,000 TO \$119,999 24 \$120,000 OR MORE	8
HHINCOME POOR100	NUMBER OF DOLLARS (0-120,000) 1 POOR 100%	8
POOR125	0 NONPOOR 1 POOR 125%	8
POOR150	0 NONPOOR 1 POOR 150%	8
LIHEAP	0 NONPOOR 1 YES 0 NO	8
ZOTHWORK	1 IMPUTED 0 NOT IMPUTED	8
ZATHOME	1 IMPUTED 0 NOT IMPUTED	8
ZHHINTRO	1 IMPUTED 0 NOT IMPUTED	8
ZHHSEX	1 IMPUTED 0 NOT IMPUTED	8

VARIABLE ZHHAGE	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER* 8
ZEMPLOYHH	1 IMPUTED 0 NOT IMPUTED	8
ZSPOUSE	1 IMPUTED 0 NOT IMPUTED	8
ZSDESCENT	1 IMPUTED 0 NOT IMPUTED	8
ZORIGIN1	1 IMPUTED 0 NOT IMPUTED	8
ZORIGIN2	1 IMPUTED 0 NOT IMPUTED	8
ZORIGIN3	1 IMPUTED 0 NOT IMPUTED	8
ZNHSLDMEM	1 IMPUTED 0 NOT IMPUTED	8
ZAGEHHMEM1	1 IMPUTED 0 NOT IMPUTED	8
ZAGEHHMEM2	1 IMPUTED 0 NOT IMPUTED	8
ZAGEHHMEM3	1 IMPUTED 0 NOT IMPUTED	8
ZAGEHHMEM4	1 IMPUTED 0 NOT IMPUTED	8
ZAGEHHMEM5	1 IMPUTED 0 NOT IMPUTED	8
ZAGEHHMEM6	1 IMPUTED 0 NOT IMPUTED	8
ZAGEHHMEM7	1 IMPUTED 0 NOT IMPUTED	8
ZAGEHHMEM8	1 IMPUTED 0 NOT IMPUTED	8
ZAGEHHMEM9	1 IMPUTED 0 NOT IMPUTED	8
ZAGEHHMEM10	1 IMPUTED 0 NOT IMPUTED	8
ZAGEHHMEM11	1 IMPUTED 0 NOT IMPUTED	8
ZAGEHHMEM12	1 IMPUTED 0 NOT IMPUTED	8
ZAGEHHMEMY	1 IMPUTED 0 NOT IMPUTED	8
ZWORKPAY	1 IMPUTED 0 NOT IMPUTED	8
ZRETIREPY	1 IMPUTED 0 NOT IMPUTED	8
ZCASHBEN	1 IMPUTED 0 NOT IMPUTED	8

VARIABLE ZNCASHBEN	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER*
ZMONEYPY	1 IMPUTED 0 NOT IMPUTED	8
ZHBUSNESS	1 IMPUTED 0 NOT IMPUTED	8
ORIG1FAM	1 YES 0 NO 9 LEGITIMATE SKIP	9
LOOKLIKE	1 SINGLE-FAMILY HOME 0 APARTMENT 9 LEGITIMATE SKIP	9
SCALEA	1 YES 0 NO 9 LEGITIMATE SKIP	9
SCALEB	1 YES 0 NO 9 LEGITIMATE SKIP	9
SCALEC	1 YES 0 NO 9 LEGITIMATE SKIP	9
SCALED	1 YES 0 NO 9 LEGITIMATE SKIP	9
SCALEE	1 YES 0 NO 9 LEGITIMATE SKIP	9
SCALEF	1 YES 0 NO 9 LEGITIMATE SKIP	9
SCALEG	1 YES 0 NO 9 LEGITIMATE SKIP	9
SCALEH	1 YES 0 NO 9 LEGITIMATE SKIP	9
SCALEI	1 YES 0 NO 9 LEGITIMATE SKIP	9
ENERGYAID	1 YES 0 NO 9 LEGITIMATE SKIP	9
AIDADDRESS	1 YES 0 NO 9 LEGITIMATE SKIP	9
NOPYFIX	1 YES 0 NO 9 LEGITIMATE SKIP	9

VARIABLE NOPYFIXREST	RESPONSE CODE LABEL 1 YES 0 NO 9 LEGITIMATE SKIP	FILE NUMBER* 9
NOPYFL	1 YES 0 NO 9 LEGITIMATE SKIP	9
NOPYFLREST	1 YES 0 NO 9 LEGITIMATE SKIP	9
NOPYEL	1 YES 0 NO 9 LEGITIMATE SKIP	9
NOPYELREST	1 YES 0 NO 9 LEGITIMATE SKIP	9
NOPYGAS	1 YES 0 NO 9 LEGITIMATE SKIP	9
NOPYGASREST	1 YES 0 NO 9 LEGITIMATE SKIP	9
NOPYFIXAC	1 YES 0 NO 9 LEGITIMATE SKIP	9
NOPYFIXACREST	1 YES 0 NO 9 LEGITIMATE SKIP	9
NOPYELAC	1 YES 0 NO 9 LEGITIMATE SKIP	9
NOPYELACREST	1 YES 0 NO 9 LEGITIMATE SKIP	9
SOMEPY	1 YES 0 NO 9 LEGITIMATE SKIP	9
NOPAY	1 YES 0 NO 9 LEGITIMATE SKIP	9
MTHSNOPYJAN	1 YES 0 NO 9 LEGITIMATE SKIP	9
MTHSNOPYFEB	1 YES 0 NO 9 LEGITIMATE SKIP	9
MTHSNOPYMAR	1 YES 0 NO 9 LEGITIMATE SKIP	9

VARIABLE MTHSNOPYAPR	RESPONSE CODE LABEL 1 YES 0 NO 9 LEGITIMATE SKIP	FILE NUMBER* 9
MTHSNOPYMAY	1 YES 0 NO 9 LEGITIMATE SKIP	9
MTHSNOPYJUN	1 YES 0 NO 9 LEGITIMATE SKIP	9
MTHSNOPYJUL	1 YES 0 NO 9 LEGITIMATE SKIP	9
MTHSNOPYAUG	1 YES 0 NO 9 LEGITIMATE SKIP	9
MTHSNOPYSEP	1 YES 0 NO 9 LEGITIMATE SKIP	9
MTHSNOPYOCT	1 YES 0 NO 9 LEGITIMATE SKIP	9
MTHSNOPYNOV	1 YES 0 NO 9 LEGITIMATE SKIP	9
MTHSNOPYDEC	1 YES 0 NO 9 LEGITIMATE SKIP	9
NTIMEWOEL	NUMBER OF TIMES W/O ELECTRICITY (195) 99 LIGITAMITE SKIP	9
NDAYSWOEL	NUMBER OF DAYS W/O ELECTRICITY (1365) 999 LIGITAMITE SKIP	9
SQFTEST	SQUARE FT OF LIVING SPACE (100-50,000) 99996 DON'T KNOW 99998 RESPONDENT REFUSED 99999 LEGITIMATE SKIP	9
MEASURE	1 MEASUREMENTS FOLLOW7 RESPONDENT REFUSED2 OTHER	9
TOTSQFT TOTBASESQFT TOTATTCSQFT TOTGARGSQFT TOTRHMSQFT TOTHSQFT TOTUSQFT BASHSQFT BASUSQFT GARHSQFT GARUSQFT	NUMBER OF SQUARE FEET (09999)	9 9 9 9 9 9 9

VARIABLE	RESPONSE CODE LABEL	FILE NUMBER*
ATTHSQFT	NUMBER OF SQUARE FEET (09999)	9
ATTUSQFT	NUMBER OF SQUARE FEET (09999)	9
RHMHSQFT	NUMBER OF SQUARE FEET (09999)	9
RHMUSQFT	NUMBER OF SQUARE FEET (09999)	9
TOTCSQFT	NUMBER OF SQUARE FEET (09999)	9
TOTUCSQFT	NUMBER OF SQUARE FEET (09999)	9
BASCSQFT	NUMBER OF SQUARE FEET (09999)	9
BASUCSQFT	NUMBER OF SQUARE FEET (09999)	9
GARCSQFT	NUMBER OF SQUARE FEET (09999)	9
GARUCSQFT	NUMBER OF SQUARE FEET (09999)	9
ATTCSQFT	NUMBER OF SQUARE FEET (09999)	9
ATTUCSQFT	NUMBER OF SQUARE FEET (09999)	9
RHMCSQFT	NUMBER OF SQUARE FEET (09999)	9
RHMUCSQFT	NUMBER OF SQUARE FEET (09999)	9
ZSCALEA	1 IMPUTED	9
	0 NOT IMPUTED	
ZSCALEB	1 IMPUTED	9
	0 NOT IMPUTED	
ZSCALEC	1 IMPUTED	9
	0 NOT IMPUTED	
ZSCALED	1 IMPUTED	9
	0 NOT IMPUTED	
ZSCALEE	1 IMPUTED	9
	0 NOT IMPUTED	
ZSCALEF	1 IMPUTED	9
	0 NOT IMPUTED	
ZSCALEG	1 IMPUTED	9
	0 NOT IMPUTED	
ZSCALEH	1 IMPUTED	9
	0 NOT IMPUTED	
ZSCALEI	1 IMPUTED	9
	0 NOT IMPUTED	
ZENERGYAID	1 IMPUTED	9
	0 NOT IMPUTED	
ZAIDADDRESS	1 IMPUTED	9
	0 NOT IMPUTED	
ZNOPYFIX	1 IMPUTED	9
	0 NOT IMPUTED	
ZNOPYFIXREST	1 IMPUTED	9
	0 NOT IMPUTED	
ZNOPYFL	1 IMPUTED	9
	0 NOT IMPUTED	
ZNOPYFLREST	1 IMPUTED	9
	0 NOT IMPUTED	
ZNOPYEL	1 IMPUTED	9
	0 NOT IMPUTED	
ZNOPYELREST	1 IMPUTED	9
	0 NOT IMPUTED	

VARIABLE ZNOPYGAS	RESPONSE CODE LABEL 1 IMPUTED 0 NOT IMPUTED	FILE NUMBER* 9
ZNOPYGASREST	1 IMPUTED 0 NOT IMPUTED	9
ZNOPYFIXAC	1 IMPUTED 0 NOT IMPUTED	9
ZNOPYFIXACREST	1 IMPUTED 0 NOT IMPUTED	9
ZNOPYELAC	1 IMPUTED 0 NOT IMPUTED	9
ZNOPYELACREST	1 IMPUTED 0 NOT IMPUTED	9
ZSOMEPY	1 IMPUTED 0 NOT IMPUTED	9
ZNOPAY	1 IMPUTED 0 NOT IMPUTED	9
ZMTHSNOPYJAN	1 IMPUTED 0 NOT IMPUTED	9
ZMTHSNOPYFEB	1 IMPUTED 0 NOT IMPUTED	9
ZMTHSNOPYMAR	1 IMPUTED 0 NOT IMPUTED	9
ZMTHSNOPYAPR	1 IMPUTED 0 NOT IMPUTED	9
ZMTHSNOPYMAY	1 IMPUTED 0 NOT IMPUTED	9
ZMTHSNOPYJUN	1 IMPUTED 0 NOT IMPUTED	9
ZMTHSNOPYJUL	1 IMPUTED 0 NOT IMPUTED	9
ZMTHSNOPYAUG	1 IMPUTED 0 NOT IMPUTED	9
ZMTHSNOPYSEP	1 IMPUTED 0 NOT IMPUTED	9
ZMTHSNOPYOCT	1 IMPUTED 0 NOT IMPUTED	9
ZMTHSNOPYNOV	1 IMPUTED 0 NOT IMPUTED	9
ZMTHSNOPYDEC	1 IMPUTED 0 NOT IMPUTED	9
ZNTIMEWOEL	1 IMPUTED 0 NOT IMPUTED	9
ZNDAYSWOEL	1 IMPUTED 0 NOT IMPUTED	9
ZSQFTEST	1 IMPUTED 0 NOT IMPUTED	9
ZMEASURE	1 IMPUTED 0 NOT IMPUTED	9
RHMSQFT	NUMBER OF SQUARE FEET (09999)	9

VARIABLE ATTSQFT BASSQFT KAVALEL	RESPONSE CODE LABEL NUMBER OF SQUARE FEET (09999) NUMBER OF SQUARE FEET (09999) 1 ALL USES PAID BY HH 2 SOME USES PAID BY HH 3 NO DATA 9 NOT APPLICABLE	FILE NUMBER* 9 9 10
PERIODEL	1 330 OR MORE DAYS 2 146 - 329 DAYS 3 60 - 145 DAYS 4 1 - 59 DAYS 5 NO DATA 9 NOT APPLICABLE	10
ORIGELQ	1 ACTUAL READINGS 2 START EST-END ACTUAL 3 START ACTUAL-END EST 4 BOTH PERIODS EST 5 146 - 329 DAY ESTIMATE 6 60 - 145 DAY ESTIMATE 7 NOT ALL USES PAID 8 REGRESSION ESTIMATE 9 NOT APPLICABLE	10
ORIGELC	1 COMPANY RECORDS 2 QTY-RECORD; COST-RGS 3 RGS-BOTH QTY AND COST 9 NOT APPLICABLE	10
ORIGELS	11 A QTY, COST FR DATA 12 A QTY-DATA; COST-IMP 21 B QTY, COST FR DATA 22 B QTY-DATA; COST-IMP 23 C QTY, COST FROM DATA 24 C QTY-DATA; COST-IMP 25 D QTY, COST FROM DATA 26 D QTY-DATA; COST-IMP 31 DATA AVAIL-NOT USED 41 E HH NOT IDENTIFIED 42 E COMPANY REFUSED 43 E NO COMPANY CONTACT 51 FORM NOT SIGNED 61 USE INCLUDED IN RENT 98 NO ANSWER 99 FUEL NOT USED	10
BEGINELR	1 ACTUAL READING 2 ESTIMATED BILL 6 UNKNOWN 9 NOT APPLICABLE	10
ENDELR	1 ACTUAL READING 2 ESTIMATED BILL 6 UNKNOWN 9 NOT APPLICABLE	10

VARIABLE KAVALNG	RESPONSE CODE LABEL 1 ALL USES PAID BY HH 2 SOME USES PAID BY HH 3 NO DATA 9 NOT APPLICABLE	FILE NUMBER* 10
PERIODNG	1 330 OR MORE DAYS 2 146 - 329 DAYS 3 60 - 145 DAYS 4 1 - 59 DAYS 5 NO DATA 9 NOT APPLICABLE	10
ORIGNGQ	1 ACTUAL READINGS 2 START EST-END ACTUAL 3 START ACTUAL-END EST 4 BOTH PERIODS EST 5 146 - 329 DAY ESTIMATE 6 60 - 145 DAY ESTIMATE 7 NOT ALL USES PAID 8 REGRESSION ESTIMATE 9 NOT APPLICABLE	10
ORIGNGC	1 COMPANY RECORDS 2 QTY-RECORD; COST-RGS 3 RGS-BOTH QTY AND COST 9 NOT APPLICABLE	10
ORIGNGS	11 A QTY, COST FR DATA 12 A QTY-DATA; COST-IMP 21 B QTY, COST FR DATA 22 B QTY-DATA; COST-IMP 23 C QTY, COST FROM DATA 24 C QTY-DATA; COST-IMP 25 D QTY, COST FROM DATA 26 D QTY-DATA; COST-IMP 31 DATA AVAIL-NOT USED 41 E HH NOT IDENTIFIED 42 E COMPANY REFUSED 43 E NO COMPANY CONTACT 51 FORM NOT SIGNED 61 USE INCLUDED IN RENT 98 NO ANSWER 99 FUEL NOT USED	10
BEGINNGR	1 ACTUAL READING 2 ESTIMATED BILL 6 UNKNOWN 9 NOT APPLICABLE	10
ENDNGR	1 ACTUAL READING 2 ESTIMATED BILL 6 UNKNOWN 9 NOT APPLICABLE	10

VARIABLE KAVALFO	RESPONSE CODE LABEL 1 ALL USES PAID BY HH 2 SOME USES PAID BY HH 3 NO DATA 9 NOT APPLICABLE	FILE NUMBER* 10
PERIODFO	1 DATA COMPLETE 2 DATA NOT COMPLETE 5 NO DATA 9 NOT APPLICABLE	10
ORIGFOQ	1 DELIVERY RECORD 2 SUPPLIER ESTIMATE 3 HOUSEHOLD ESTIMATE 4 SUPPL EST YR 8 REGRESSION ESTIMATE 9 NOT APPLICABLE	10
SCALEFO	1 SCALE USED 0 NOT USED 9 NOT APPLICABLE	10
ORIGFOC	1 COMPANY RECORDS 2 QTY-RECORD; COST-RGS 3 RGS-BOTH QTY AND COST 4 HOUSEHOLD ESTIMATE 9 NOT APPLICABLE	10
ORIGFOS	11 QTY, COST FROM DATA 12 QTY-DATA, COST-IMP 13 FY QTY, COST FROM CO 14 FY QTY, ONLY FROM CO 15 QTY, COST EST FROM HH 16 QTY HH; COST-IMP 31 DATA AVAIL-NOT USED 41 HH NOT IDENTIFIABLE 42 COMPANY REFUSED 43 NO COMPANY CONTACT 51 FORM NOT SIGNED 61 USE INCLUDED IN RENT 98 NO ANSWER 99 FUEL NOT USED	10
KAVALLPG	1 ALL USES PAID BY HH 2 SOME USES PAID BY HH 3 NO DATA 9 NOT APPLICABLE	10
PERIODLP	1 DATA COMPLETE 2 DATA NOT COMPLETE 5 NO DATA 9 NOT APPLICABLE	10

VARIABLE ORIGLPQ	RESPONSE CODE LABEL 1 DELIVERY RECORD 2 SUPPLIER ESTIMATE 3 HOUSEHOLD ESTIMATE 4 SUPPL EST YR 8 REGRESSION ESTIMATE 9 NOT APPLICABLE	FILE NUMBER* 10
SCALELP	1 SCALE USED 0 NOT USED 9 NOT APPLICABLE	10
ORIGLPC	1 COMPANY RECORDS 2 QTY-RECORD; COST-RGS 3 RGS-BOTH QTY AND COST 4 HOUSEHOLD ESTIMATE 9 NOT APPLICABLE	10
ORIGLPS	11 QTY, COST FROM DATA 12 QTY-DATA, COST-IMP 13 FY QTY, COST FROM CO 14 FY QTY, ONLY FROM CO 15 QTY, COST EST FROM HH 16 QTY HH; COST-IMP 31 DATA AVAIL-NOT USED 41 HH NOT IDENTIFIABLE 42 COMPANY REFUSED 43 NO COMPANY CONTACT 51 FORM NOT SIGNED 61 USE INCLUDED IN RENT 98 NO ANSWER 99 FUEL NOT USED	10
KAVALKER	1 ALL USES PAID BY HH 2 SOME USES PAID BY HH 3 NO DATA 9 NOT APPLICABLE	10
PERIODKR	1 DATA COMPLETE 2 DATA NOT COMPLETE 5 NO DATA 9 NOT APPLICABLE	10
ORIGKERQ	1 DELIVERY RECORD 2 SUPPLIER ESTIMATE 3 HOUSEHOLD ESTIMATE 4 SUPPL EST YR 8 REGRESSION ESTIMATE 9 NOT APPLICABLE	10
SCALEKER	1 SCALE USED 0 NOT USED 9 NOT APPLICABLE	10

VARIABLE ORIGKERC	RESPONSE CODE LABEL 1 COMPANY RECORDS 2 QTY-RECORD; COST-RGS 3 RGS-BOTH QTY AND COST 4 HOUSEHOLD ESTIMATE 9 NOT APPLICABLE	FILE NUMBER* 10
ORIGKERS	11 QTY, COST FROM DATA 12 QTY-DATA, COST-IMP 13 FY QTY, COST FROM CO 14 FY QTY, ONLY FROM CO 15 QTY, COST EST FROM HH 16 QTY HH; COST-IMP 31 DATA AVAIL-NOT USED 41 HH NOT IDENTIFIABLE 42 COMPANY REFUSED 43 NO COMPANY CONTACT 51 FORM NOT SIGNED 61 USE INCLUDED IN RENT 98 NO ANSWER 99 FUEL NOT USED	10
KWH	NUMBER OF KILOWATT HOURS (1 - 999998) 999999 NOT APPLICABLE	11
BTUEL	KILOWATTS IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
CUFEETNG	CCFS (1 - 999998) 999999 NOT APPLICABLE	11
BTUNG	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
GALLONFO	NUMBER OF GALLONS (1 - 999998) 999999 NOT APPLICABLE	11
BTUFO	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
GALLONLP	NUMBER OF GALLONS (1 - 999998) 999999 NOT APPLICABLE	11
BTULP	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
GALLONKR	NUMBER OF GALLONS (1 - 999998) 999999 NOT APPLICABLE	11
BTUKER	GALLONS IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTUELCDR	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTUELDWH	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTUELFZZ	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTUELRFG	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTUELCOL	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11

VARIABLE BTUELWTH	RESPONSE CODE LABEL USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	FILE NUMBER* 11
BTUELSPH	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTUELAPL	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTUNGAPL	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTUNGWTH	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTUNGSPH	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTUFOAPL	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTUFOSPH	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTUFOWTH	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTULPAPL	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTULPSPH	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTULPWTH	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
BTUWOOD	USE IN THOUSANDS OF BTU (1 - 9999998) 9999999 NOT APPLICABLE	11
DOLLAREL	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLLARNG	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLLARFO	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLLARLP	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLLARKR	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLELCDR	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLELDWH	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLELFZZ	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLELRFG	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLELCOL	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLELWTH	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12

VARIABLE DOLELSPH	RESPONSE CODE LABEL NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	FILE NUMBER* 12
DOLELAPL	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLNGAPL	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLNGWTH	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLNGSPH	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLFOAPL	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLFOSPH	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLFOWTH	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLLPAPL	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLLPSPH	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12
DOLLPWTH	NUMBER OF DOLLARS (1 - 99998) 99999 NOT APPLICABLE	12

^{*} A File Number of zero (0) indicates a variable is included in all files.