

1995 Commercial Buildings Energy Consumption Survey

Survey Data File Documentation

Energy Information Administration

January 1998

Overview of Survey Data File Documentation

This document contains only the file layouts and variable codes for use with the 1995 Public Use files. For information on the CBECS and the organization and use of these files, please go to <http://www.eia.doe.gov/emeu/cbecs/contents.html> and click on “Micro-data files” under the “1995 CBECS” and “Public Use Files” headings.

Layout of Data Files

A file layout is provided here for each of the 22 files. Column 1 is the variable name that is found in the files; column 2 is a brief description of the variable; column 3 is the variable position on the files.

Variable Codes

For files 1 through 8, there is a listing of the codes that should be linked to the answer categories for each variable. If there are no codes listed after a variable, this indicates that the variable is numeric. For these numeric variables, the number listed after the column position (e.g., 99999) is the value that indicates that the variable is inapplicable.

Files 9 through 15 contain imputation flags, or “Z-variables.” These are variables that indicate whether or not the response on the corresponding non-Z-variable was imputed, reported, inapplicable, or missing.

Every Z variable is coded the same way, so there are no variable code sections for Files 9 through 15. The core variables are still present on those files, and the codes for those variables can be found in any of the previous variable code sections. The coding for **all** Z variables in Files 9 through 15 is:

| | | |
|----------------|---|---|
| 'Inapplicable' | = | 9 |
| 'Imputed' | = | 1 |
| 'Reported' | = | 2 |
| 'Missing' | = | 6 |

Files 16 through 22 contain the consumption and expenditures data. There are variable codes for these files, although many of the variables are numeric. These files also contain the Z-variables for this data.

**Layout for File 1: General Building Information and Energy End Uses
(BC95F01T.TXT & BC95F01D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> | |
|----------------------|--|-----------------|-----|
| BLDGID6 | Building identifier | 1- | 5 |
| REGION6 | Census region | 7- | 7 |
| CENDIV6 | Census division | 9- | 9 |
| MSA6 | Metropolitan statistical area | 11- | 11 |
| CLIMATE6 | Climate zone | 13- | 13 |
| SQFT6 | Square footage | 15- | 23 |
| SQFTC6 | Square footage category | 25- | 26 |
| NFLOOR6 | Number of floors | 28- | 30 |
| ATTWLS6 | Num. ext. walls attached to another bldg | 32- | 33 |
| YRCON6 | Year construction was completed | 35- | 38 |
| MONCON6 | Month construction was completed | 40- | 41 |
| YRCONC6 | Year of construction category | 43- | 44 |
| WLCNS6 | Wall construction material | 46- | 47 |
| RFCNS6 | Roof construction material | 49- | 50 |
| PBA6 | Principal building activity | 52- | 53 |
| HT16 | Energy used for main heating | 55- | 55 |
| HT26 | Energy used for secondary heating | 57- | 57 |
| COOL6 | Energy used for cooling | 59- | 59 |
| WATR6 | Energy used for domestic hot water | 61- | 61 |
| COOK6 | Energy used for commercial cooking | 63- | 63 |
| MANU6 | Energy used for manufacturing | 65- | 65 |
| GENR6 | Energy used to generate electricity | 67- | 67 |
| ELUSED6 | Electricity used in 1995 | 69- | 69 |
| NGUSED6 | Natural gas used in 1995 | 71- | 71 |
| FKUSED6 | Fuel oil used in 1995 | 73- | 73 |
| STUSED6 | District steam used in 1995 | 75- | 75 |
| HWUSED6 | District hot water used in 1995 | 77- | 77 |
| HEATP6 | Percent heated in 1995 | 79- | 81 |
| HTLS506 | Building heated to less than 50 degrees | 83- | 83 |
| HEATPC6 | Percent heated in 1995 category | 85- | 85 |
| COOLP6 | Percent cooled in 1995 | 87- | 89 |
| COOLPC6 | Percent cooled in 1995 category | 91- | 91 |
| GOVOWN6 | Owned by government agency | 93- | 93 |
| GOVTYP6 | Type of government agency owned by | 95- | 95 |
| NOCC6 | Number of establishments/organizations | 97- | 100 |
| NOCCAT6 | Number of establishments/organizations | 102- | 103 |
| OWNOCC6 | Occupied by owner/owner's representative | 105- | 105 |
| PORVAC6 | Space vacant for at least 3 months | 107- | 107 |
| MONUSE6 | Months in use out of past 12 months | 109- | 110 |
| OPNMF6 | Typically open Mon. thru Fri. | 112- | 112 |
| OPNSAT6 | Typically open on Saturdays | 114- | 114 |
| OPNSUN6 | Typically open on Sundays | 116- | 116 |
| WKHRS6 | Total weekly hours open | 118- | 120 |
| WKHRSC6 | Total weekly hours open category | 122- | 122 |
| NWKER6 | Number of workers during main shift | 124- | 128 |
| NWKERC6 | Number of workers category | 130- | 131 |
| LTOHRP6 | Percent lit during operating hours | 133- | 135 |
| ADJWT6 | Adjusted weight | 137- | 144 |
| PAIR6 | Pair member | 146- | 146 |
| STRATUM6 | Variance stratum | 148- | 149 |
| HDD656 | Heating Degree-Days (Base 65 F) | 151- | 155 |
| CDD656 | Cooling Degree-Days (Base 65 F) | 157- | 161 |
| TEMPAVG6 | Average 1995 temperature (F) | 163- | 167 |
| TEMPSTD6 | Std.dev. of 1995 temperature (F) | 169- | 173 |

Variable Codes for File 1

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BLDGID6  'Building identifier '
@ Columns 1- 5: 99999 @
REGION6  'Census Region '
@ Columns 7- 7: 9 @
'Northeast' = 1
'Midwest' = 2
'South' = 3
'West' = 4
CENDIV6  'Census Division '
@ Columns 9- 9: 9 @
'New England' = 1
'Middle Atlantic' = 2
'East North Central' = 3
'West North Central' = 4
'South Atlantic' = 5
'East South Central' = 6
'West South Central' = 7
'Mountain' = 8
'Pacific' = 9
MSA6     'Metropolitan statistical area '
@ Columns 11- 11: 9 @
'Non-Metropolitan' = 1
'Metropolitan' = 2
CLIMATE6 'Climate zone '
@ Columns 13- 13: 9 @
'<2000 CDD,>7000 HDD' = 1
'<2000 CDD,5500-7000 HDD' = 2
'<2000 CDD,4000-5499 HDD' = 3
'<2000 CDD,<4000 HDD' = 4
'>2000 CDD,<4000 HDD' = 5
SQFT6    'Square footage '
@ Columns 15- 23: 999999999 @
SQFTC6    'Square footage category'
@ Columns 25- 26: 99 @
'1,000 or less' = 01
'1,001 to 5,000' = 02
'5,001 to 10,000' = 03
'10,001 to 25,000' = 04
'25,001 to 50,000' = 05
'50,001 to 100,000' = 06
'100,001 to 200,000' = 07
'200,001 to 500,000' = 08
'500,001 to 1 million' = 09
'Over 1 million' = 10
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
NFLOR6    'Number of floors '
@ Columns 28- 30: 999 @
ATTWLS6    'Number of ext. walls attached to bldg'
@ Columns 32- 33: 99 @
'Inapplicable' = 99
'None, the bld. is freestand' = 00
'One' = 01
'Two' = 02
'Three' = 03
'Four' = 04
'Don''t Know' = 08
'Not ascertained' = 96

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YRCON6  'Year construction was completed '
@ Columns 35- 38: 9999 @
MONCON6 'Month construction was completed '
@ Columns 40- 41: 99 @
YRCONC6 'Year construction was completed'
@ Columns 43- 44: 99 @
'1899 or before' = 01
'1900 to 1919' = 02
'1920 to 1945' = 03
'1946 to 1959' = 04
'1960 to 1969' = 05
'1970 to 1979' = 06
'1980 TO 1989' = 07
'1990 TO 1992' = 08
'1993 TO 1995' = 09
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
WLCNS6  'Wall construction material '
@ Columns 46- 47: 99 @
'Window/vision glass' = 01
'Decor./construction glass' = 02
'Sheet metal panels' = 03
'Pre - cast concrete panels' = 04
'Masonry' = 05
'Siding/shingles/shakes' = 06
'No one major type' = 07
'Other' = 91
'Don''t know' = 98
'Not ascertained' = 99
RFCNS6  'Roof construction material '
@ Columns 49- 50: 99 @
'Wooden materials' = 01
'Slate or tile' = 02
'Shingles (not wood)' = 03
'Built-up' = 04
'Metal surfacing' = 05
'Single/multiple ply' = 06
'Concrete roof' = 07
'No One Major Type' = 08
'Other' = 91
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
PBA6    'Principal building activity'
@ Columns 52- 53: 99 @
'Inapplicable' = 99
'Vacant' = 01
'Office/Professional' = 02
'Laboratory' = 04
'Warehouse (nonrefrig.)' = 05
'Food Sales' = 06
'Public order and safety' = 07
'Health care (Outpatient)' = 08
'Industrial processing/manufact.' = 09
'Agricultural purposes' = 10
'Warehouse (refrig.)' = 11
'Religious worship' = 12
'Public assembly' = 13
'Education' = 14
'Food services (Restaurants)' = 15
'Health care (Inpatient)' = 16
'Nursing home' = 17
'Lodging (Hotel/motel/dorm)' = 18
'Residential' = 19
'Indoor parking garage' = 20

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| | | |
|-------|--------------------------------------|------|
| | 'Strip shopping' | = 23 |
| | 'Enclosed shopping ctr/mall' | = 24 |
| | 'Retail (exc mall)' | = 25 |
| | 'Service (exc food)' | = 26 |
| | 'Other' | = 91 |
| | 'Don''t know' | = 98 |
| | 'Not ascertained' | = 96 |
| HT16 | 'Main energy used for heating ' | |
| | @ Columns 55- 55: 9 @ | |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'No (revised)' | = 3 |
| | 'Not 1995' | = 4 |
| | 'Yes (revised)' | = 5 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| HT26 | 'Secondary energy used for heating' | |
| | @ Columns 57- 57: 9 @ | |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'No (revised)' | = 3 |
| | 'Not 1995' | = 4 |
| | 'Yes (revised)' | = 5 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| COOL6 | 'Energy used for cooling' | |
| | @ Columns 59- 59: 9 @ | |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'No (revised)' | = 3 |
| | 'Not 1995' | = 4 |
| | 'Yes (revised)' | = 5 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| WATR6 | 'Energy used for domestic hot water' | |
| | @ Columns 61- 61: 9 @ | |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'No (revised)' | = 3 |
| | 'Not 1995' | = 4 |
| | 'Yes (revised)' | = 5 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| COOK6 | 'Energy used for commercial cooking' | |
| | @ Columns 63- 63: 9 @ | |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'No (revised)' | = 3 |
| | 'Not 1995' | = 4 |
| | 'Yes (revised)' | = 5 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |

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MANU6      'Energy used for manufacturing '
@ Columns  65- 65:  9 @
'Inapplicable'          = 9
'Yes'                    = 1
'No'                     = 2
'No (revised)'           = 3
'Not 1995'               = 4
'Yes (revised)'          = 5
'Refused'                = 7
'Don''t know'            = 8
'Not ascertained'        = 6
GENR6      'Energy used to generate electricity'
@ Columns  67- 67:  9 @
'Inapplicable'          = 9
'Yes'                    = 1
'No'                     = 2
'No (revised)'           = 3
'Not 1995'               = 4
'Yes (revised)'          = 5
'Refused'                = 7
'Don''t know'            = 8
'Not ascertained'        = 6
ELUSED6    'Electricity used in 1995'
@ Columns  69- 69:  9 @
'Inapplicable'          = 9
'Yes'                    = 1
'No'                     = 2
'No (revised)'           = 3
'Not 1995'               = 4
'Yes (revised)'          = 5
'Refused'                = 7
'Don''t know'            = 8
'Not ascertained'        = 6
NGUSED6    'Natural gas used in 1995'
@ Columns  71- 71:  9 @
'Inapplicable'          = 9
'Yes'                    = 1
'No'                     = 2
'No (revised)'           = 3
'Not 1995'               = 4
'Yes (revised)'          = 5
'Refused'                = 7
'Don''t know'            = 8
'Not ascertained'        = 6
FKUSED6    'Fuel oil used in 1995'
@ Columns  73- 73:  9 @
'Inapplicable'          = 9
'Yes'                    = 1
'No'                     = 2
'No (revised)'           = 3
'Not 1995'               = 4
'Yes (revised)'          = 5
'Refused'                = 7
'Don''t know'            = 8
'Not ascertained'        = 6
STUSED6    'District steam used in 1995'
@ Columns  75- 75:  9 @
'Inapplicable'          = 9
'Yes'                    = 1
'No'                     = 2
'No (revised)'           = 3
'Not 1995'               = 4
'Yes (revised)'          = 5
'Refused'                = 7
'Don''t know'            = 8
'Not ascertained'        = 6

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HWUSED6 'District hot water in 1995'
 @ Columns 77- 77: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'No (revised)' = 3
 'Not 1995' = 4
 'Yes (revised)' = 5
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 HEATP6 'Percent heated in 1995'
 @ Columns 79- 81: 999 @
 HTLS506 'Building heated to less than 50 degrees'
 @ Columns 83- 83: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 HEATPC6 'Percent heated in 1995 category'
 @ Columns 85- 85: 9 @
 'Inapplicable' = 9
 '25% or less' = 1
 '26 to 50%' = 2
 '51 to 75%' = 3
 '76 to 100%' = 4
 'Don''t know' = 8
 'Not ascertained' = 6
 COOLP6 'Percent cooled in 1995'
 @ Columns 87- 89: 999 @
 COOLPC6 'Percent cooled in 1995 category'
 @ Columns 91- 91: 9 @
 'Inapplicable' = 9
 '25% or less' = 1
 '26 to 50%' = 2
 '51 to 75%' = 3
 '76 to 100%' = 4
 'Don''t know' = 8
 'Not ascertained' = 6
 GOVOWN6 'Owned by a government agency'
 @ Columns 93- 93: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Don''t know' = 8
 'Not ascertained' = 6
 GOVTYP6 'Type of government agency owned by'
 @ Columns 95- 95: 9 @
 'Inapplicable' = 9
 'Federal government' = 1
 'State government' = 2
 'Local government' = 3
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 NOCC6 'Number of establishments/organizations'
 @ Columns 97- 100: 9999 @

NOCCAT6 'Number of establishments category'
 @ Columns 102- 103: 99 @
 'Inapplicable' = 99
 'Zero' = 00
 '1' = 01
 '2 to 5 ' = 02
 '6 to 10 ' = 03
 '11 to 20' = 04
 '21 to 49' = 05
 '50 to 99' = 06
 '100 or more' = 07
 'Don''t know' = 08
 'Not ascertained' = 96

OWNOCC6 'Occupied by owner or representative'
 @ Columns 105- 105: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

PORVAC6 'Space vacant for at least 3 months'
 @ Columns 107- 107: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

MONUSE6 'Months in use out of past 12 months'
 @ Columns 109- 110: 99 @

OPNMF6 'Typically open Mon thru Fri'
 @ Columns 112- 112: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Don''t know' = 8
 'Not ascertained' = 6

OPNSAT6 'Typically open on Saturdays'
 @ Columns 114- 114: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Don''t know' = 8
 'Not ascertained' = 6

OPNSUN6 'Typically open on Sundays'
 @ Columns 116- 116: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Don''t know' = 8
 'Not ascertained' = 6

WKHRS6 'Total weekly hours open '
 @ Columns 118- 120: 999 @

WKHRSC6 'Total weekly hours open category'
 @ Columns 122- 122: 9 @
 'Inapplicable' = 9
 'Never open' = 0
 '1 to 39' = 1
 '40 to 48' = 2
 '49 to 60' = 3
 '61 to 84' = 4
 '86 to 167' = 5
 'Open continuously' = 6
 'Refused' = 7
 'Don''t know' = 8

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NWKER6   'Number of workers during main shift'
@ Columns 124- 128: 99999 @
NWKERC6  'Number of workers category'
@ Columns 130- 131: 99 @
'Building not in use'           = 99
'None'                         = 00
'1 to 4'                       = 01
'5 to 9'                       = 02
'10 to 19'                     = 03
'20 to 49'                     = 04
'50 to 99'                     = 05
'100 to 249'                   = 06
'250 to 499'                   = 07
'500 to 999'                   = 08
'1,000 to 2,499'               = 09
'2,500 to 4,999'               = 10
'5,000 or more'                = 11
'Refused'                      = 97
'Don''t know'                  = 98
'Not ascertained'              = 96
LTOHRP6  'Percent lit during operating hours'
@ Columns 133- 135: 999 @
ADJWT6   'Adjusted weight '
@ Columns 137- 144: 99999999 @
PAIR6    'Pair member '
@ Columns 146- 146: 9 @
STRATUM6 'Variance '
@ Columns 148- 149: 99 @
HDD656   'Heating Degree Days (Base 65 F)'
@ Columns 151- 155: 99999 @
CDD656   'Cooling Degree Days (Base 65 F)'
@ Columns 157- 161: 99999 @
TEMPAVG6 'Mean annual temperature (F)'
@ Columns 163- 167: 99999 @
TEMPSTD6 'Std. dev. of annual temperature (F)'
@ Columns 169- 173: 99999 @

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**Layout for File 2: Building Activity Percents and Special Measures of Size
(BC95F02T.TXT & BC95F02D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> |
|----------------------|--------------------------------------|-----------------|
| BLDGID6 | Building identifier | 1- 5 |
| REGION6 | Census region | 7- 7 |
| CENDIV6 | Census division | 9- 9 |
| SQFT6 | Square footage | 11- 19 |
| SQFTC6 | Square footage category | 21- 22 |
| YRCONC6 | Year of construction category | 24- 25 |
| VACP6 | Percent vacant | 27- 29 |
| OFCP6 | Percent office/professional | 31- 33 |
| LABP6 | Percent laboratory | 35- 37 |
| WRHSCP6 | Percent non-refrigerated warehouse | 39- 41 |
| FDSLSP6 | Percent food sales | 43- 45 |
| PORDP6 | Percent public order/safety | 47- 49 |
| HCOUTP6 | Percent clinic/outpatient hlthcr | 51- 53 |
| INDUSP6 | Percent industrial | 55- 57 |
| AGRICP6 | Percent agricultural purposes | 59- 61 |
| WRHSCP6 | Percent refrigerated warehouse | 63- 65 |
| WORSHP6 | Percent religious worship | 67- 69 |
| PUBLCP6 | Percent public assembly | 71- 73 |
| EDUCP6 | Percent education (classrm) | 75- 77 |
| FDSVCP6 | Percent food svcs (like restaurants) | 79- 81 |
| HCINP6 | Percent hospital/inpatient care | 83- 85 |
| NURSEP6 | Percent skilled nursing | 87- 89 |
| LODGE6 | Percent hotel/motel/dormitory | 91- 93 |
| RESP6 | Percent residential | 95- 97 |
| PARKP6 | Percent indoor parking garage | 99- 101 |
| STRIPP6 | Percent strip shopping | 103- 105 |
| MALLP6 | Percent enclosed shopping/mall | 107- 109 |
| RETL6 | Percent retail (excl mall) | 111- 113 |
| SERV6 | Percent service (excl food) | 115- 117 |
| OTACT6 | Percent other | 119- 121 |
| PBA6 | Principal building activity | 123- 124 |
| VACBA16 | First previous/intended activity | 126- 127 |
| VACBA26 | Second previous/intended activity | 129- 130 |
| RWSEAT6 | Religious worship seating capacity | 132- 136 |
| PBSEAT6 | Public assembly seating capacity | 138- 142 |
| EDSEAT6 | Classroom seating capacity | 144- 148 |
| FDSEAT6 | Food service seating capacity | 150- 154 |
| HCBED6 | Licensed bed capacity (hospitals) | 156- 160 |
| NRSBED6 | Licensed bed capacity (skilled care) | 162- 166 |
| LODGRM6 | Number of guest rooms | 168- 172 |
| ELUSED6 | Electricity used in 1995 | 174- 174 |
| NGUSED6 | Natural gas used in 1995 | 176- 176 |
| FKUSED6 | Fuel oil used in 1995 | 178- 178 |
| STUSED6 | District steam used in 1995 | 180- 180 |
| HWUSED6 | District hot water used in 1995 | 182- 182 |
| ADJWT6 | Adjusted weight | 184- 191 |
| PAIR6 | Pair member | 193- 193 |
| STRATUM6 | Variance stratum | 195- 196 |

Variable Codes for File 2

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BLDGID6  'Building identifier '
  @ Columns 1- 5: 99999 @
REGION6  'Census Region '
  @ Columns 7- 7: 9 @
    'Northeast'           = 1
    'Midwest'             = 2
    'South'               = 3
    'West'                = 4
CENDIV6  'Census Division '
  @ Columns 9- 9: 9 @
    'New England'         = 1
    'Middle Atlantic'     = 2
    'East North Central'  = 3
    'West North Central'  = 4
    'South Atlantic'      = 5
    'East South Central'  = 6
    'West South Central'  = 7
    'Mountain'            = 8
    'Pacific'             = 9
SQFT6    'Square footage '
  @ Columns 11- 19: 999999999 @
SQFTC6   'Square footage category'
  @ Columns 21- 22: 99 @
    '1,000 or less'       = 01
    '1,001 to 5,000'     = 02
    '5,001 to 10,000'    = 03
    '10,001 to 25,000'   = 04
    '25,001 to 50,000'   = 05
    '50,001 to 100,000'  = 06
    '100,001 to 200,000' = 07
    '200,001 to 500,000' = 08
    '500,001 to 1 million' = 09
    'Over 1 million'     = 10
    'Refused'            = 97
    'Don''t know'        = 98
    'Not ascertained'    = 99
YRCONC6  'Year construction was completed'
  @ Columns 24- 25: 99 @
    '1899 or before'     = 01
    '1900 to 1919'       = 02
    '1920 to 1945'       = 03
    '1946 to 1959'       = 04
    '1960 to 1969'       = 05
    '1970 to 1979'       = 06
    '1980 TO 1989'       = 07
    '1990 TO 1992'       = 08
    '1993 TO 1995'       = 09
    'Refused'            = 97
    'Don''t know'        = 98
    'Not ascertained'    = 99
VACP6    'Percent vacant '
  @ Columns 27- 29: 999 @
OFCP6    'Percent office/professional '
  @ Columns 31- 33: 999 @
LABP6    'Percent laboratory '
  @ Columns 35- 37: 999 @
WRHSP6   'Percent nonrefrigerated warehous '
  @ Columns 39- 41: 999 @
FDSLSP6  'Percent food sales '
  @ Columns 43- 45: 999 @

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PORDP6 'Percent public order and safety '
 @ Columns 47- 49: 999 @
 HCOU6P6 'Percent out-patient health care '
 @ Columns 51- 53: 999 @
 INDUSP6 'Percent industrial processing/mfg'
 @ Columns 55- 57: 999 @
 AGRICP6 'Percent agricultural '
 @ Columns 59- 61: 999 @
 WRHSRP6 'Percent refrigerated warehouse '
 @ Columns 63- 65: 999 @
 WORSHP6 'Percent religious worship'
 @ Columns 67- 69: 999 @
 PUBLCP6 'Percent public assembly'
 @ Columns 71- 73: 999 @
 EDUCP6 'Percent educational '
 @ Columns 75- 77: 999 @
 FDSVCP6 'Percent food service like restaurants.'
 @ Columns 79- 81: 999 @
 HCINP6 'Percent in-patient health care '
 @ Columns 83- 85: 999 @
 NURSEP6 'Percent skilled nursing'
 @ Columns 87- 89: 999 @
 LODGEP6 'Percent hotel/motel/dormitory'
 @ Columns 91- 93: 999 @
 RESP6 'Percent residential '
 @ Columns 95- 97: 999 @
 PARKP6 'Percent indoor parking garage '
 @ Columns 99- 101: 999 @
 STRIPP6 'Strip shopping'
 @ Columns 103- 105: 999 @
 MALLP6 'Enclosed shopping/mall'
 @ Columns 107- 109: 999 @
 RETLP6 'Percent retail/service '
 @ Columns 111- 113: 999 @
 SERVP6 'Service excluding food'
 @ Columns 115- 117: 999 @
 OTACTP6 'Percent other activity '
 @ Columns 119- 121: 999 @
 PBA6 'Principal building activity'
 @ Columns 123- 124: 99 @
 'Inapplicable' = 99
 'Vacant' = 01
 'Office/Professional' = 02
 'Laboratory' = 04
 'Warehouse (nonrefrig.)' = 05
 'Food Sales' = 06
 'Public order and safety' = 07
 'Health care (Outpatient)' = 08
 'Industrial processing/manufact.' = 09
 'Agricultural purposes' = 10
 'Warehouse (refrig.)' = 11
 'Religious worship' = 12
 'Public assembly' = 13
 'Education' = 14
 'Food services (Restaurants)' = 15
 'Health care (Inpatient)' = 16
 'Nursing home' = 17
 'Lodging (Hotel/motel/dorm)' = 18
 'Residential' = 19
 'Indoor parking garage' = 20
 'Strip shopping' = 23
 'Enclosed shopping ctr/mall' = 24
 'Retail (exc mall)' = 25
 'Service (exc food)' = 26
 'Other' = 91
 'Don't know' = 98
 'Not ascertained' = 96

VACBA16 'First previous/intended activity'
 @ Columns 126- 127: 99 @
 'Inapplicable' = 99
 'Vacant' = 01
 'Office' = 02
 'Assembly' = 04
 'Food sales' = 05
 'Public order/safety' = 06
 'Health care (outpatient)' = 07
 'Industrial' = 08
 'Agricultural' = 09
 'Laboratory' = 10
 'Warehouse (refrig.)' = 11
 'Warehouse (nonrefrig.)' = 12
 'Education' = 13
 'Food service' = 14
 'Health care (inpatient)' = 15
 'Skilled nursing' = 16
 'Lodging' = 17
 'Residential' = 18
 'Parking garage' = 19
 'Strip shopping' = 23
 'Enclosed shopping ctr/mall' = 24
 'Retail (exc mall)' = 25
 'Service (exc food)' = 26
 'Other' = 20
 'Don't know' = 98
 'Not ascertained' = 96

VACBA26 'Second previous/intended activit'
 @ Columns 129- 130: 99 @
 'Inapplicable' = 99
 'Vacant' = 01
 'Office' = 02
 'Assembly' = 04
 'Food sales' = 05
 'Public order/safety' = 06
 'Health care (outpatient)' = 07
 'Industrial' = 08
 'Agricultural' = 09
 'Laboratory' = 10
 'Warehouse (refrig.)' = 11
 'Warehouse (nonrefrig.)' = 12
 'Education' = 13
 'Food service' = 14
 'Health care (inpatient)' = 15
 'Skilled nursing' = 16
 'Lodging' = 17
 'Residential' = 18
 'Parking garage' = 19
 'Strip shopping' = 23
 'Enclosed shopping ctr/mall' = 24
 'Retail (exc mall)' = 25
 'Service (exc food)' = 26
 'Other' = 20
 'Not selected' = 93
 'Don't know' = 98
 'Not ascertained' = 96

RWSEAT6 'Religious worhsip seating capacity'
 @ Columns 132- 136: 99999 @

PBSEAT6 'Public assembly seating capacity'
 @ Columns 138- 142: 99999 @

EDSEAT6 'Classroom seating capacity '
 @ Columns 144- 148: 99999 @

FDSEAT6 'Food service seating capacity '
 @ Columns 150- 154: 99999 @

HCBED6 'Licensed bed capacity (hospital)'
 @ Columns 156- 160: 99999 @

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NRSBED6 'Licensed bed capacity (skilled ca)'
@ Columns 162- 166: 99999 @
LODGRM6 'Number of guest rooms '
@ Columns 168- 172: 99999 @
ELUSED6 'Electricity used in 1995'
@ Columns 174- 174: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
NGUSED6 'Natural gas used in 1995'
@ Columns 176- 176: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
FKUSED6 'Fuel oil used in 1995'
@ Columns 178- 178: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
STUSED6 'District steam used in 1995'
@ Columns 180- 180: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
HWUSED6 'District hot water in 1995'
@ Columns 182- 182: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
ADJWT6 'Adjusted weight '
@ Columns 184- 191: 99999999 @
PAIR6 'Pair member '
@ Columns 193- 193: 9 @
STRATUM6 'Variance '
@ Columns 195- 196: 99 @

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**Layout for File 3: Heating Equipment
(BC95F03T.TXT & BC95F03D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> |
|----------------------|--|-----------------|
| BLDGID6 | Building identifier | 1- 5 |
| REGION6 | Census region | 7- 7 |
| CENDIV6 | Census division | 9- 9 |
| SQFT6 | Square footage | 11- 19 |
| SQFTC6 | Square footage category | 21- 22 |
| YRCONC6 | Year of construction category | 24- 25 |
| PBA6 | Principal building activity | 27- 28 |
| ELUSED6 | Electricity used in 1995 | 30- 30 |
| NGUSED6 | Natural gas used in 1995 | 32- 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- 34 |
| STUSED6 | District steam used in 1995 | 36- 36 |
| HWUSED6 | District hot water used in 1995 | 38- 38 |
| HEATP6 | Percent heated in 1995 | 40- 42 |
| HTLS506 | Building heated to less than 50 degrees | 44- 44 |
| MAINHT6 | Main equipment for heating | 46- 47 |
| FURNAC6 | Furnaces that heat air used | 49- 49 |
| FURNP6 | Pct. heated by furnace | 51- 53 |
| FURNDC6 | Furnace heat distributed by vents | 55- 55 |
| FURNOT6 | Furnace heat distributed by other | 57- 57 |
| HTPMPH6 | Heat pump used for heating | 59- 59 |
| HTPHP6 | Pct. heated by the heat pump | 61- 63 |
| HTPHDC6 | Heat pump heat distributed by vents | 65- 65 |
| HTPHFC6 | Heat pump heat dist. by fan-coil units | 67- 67 |
| HTPHDR6 | Heat pump heat gives off heat directly | 69- 69 |
| HTPHOT6 | Heat pump heat distributed by other | 71- 71 |
| SLFCON6 | Self-contained units used | 73- 73 |
| SLFCNP6 | Pct. heated by individual space heaters | 75- 77 |
| STHW6 | Steam or hot water piped in | 79- 79 |
| STHWP6 | Pct. heated by steam or hot water | 81- 83 |
| STHWBR6 | Steam dist. by radiators/baseboards | 85- 85 |
| STHWDC6 | Steam distributed by vents | 87- 87 |
| STHWFC6 | Steam distributed by fan-coil units | 89- 89 |
| STHWOT6 | Steam distributed by other | 91- 91 |
| BOILER6 | Boilers used | 93- 93 |
| BOILP6 | Pct. heated by boilers | 95- 97 |
| BOILBR6 | Boiler heat dist. radiators/baseboards | 99- 99 |
| BOILDC6 | Boiler heat distributed by vents | 101- 101 |
| BOILFC6 | Boiler heat dist. by fan-coil units | 103- 103 |
| BOILOT6 | Boiler heat distributed by other | 105- 105 |
| PKGHT6 | Packaged heating units used | 107- 107 |
| PKGHP6 | Pct. heated by packaged heating units | 109- 111 |
| PKGHDC6 | Packaged heat distributed by vents | 113- 113 |
| PKGHDR6 | Packaged heat gives off heat directly | 115- 115 |
| PKGHOT6 | Packaged heat distributed by other | 117- 117 |
| OTHTEQ6 | Other heating equipment used | 119- 119 |
| OTHTP6 | Pct. heated by other heating equipment | 121- 123 |
| OTHTBR6 | Other heat dist. by radiators/baseboards | 125- 125 |
| OTHTDC6 | Other heat distributed by vents | 127- 127 |
| OTHTFC6 | Other heat distributed by fan-coil units | 129- 129 |
| OTHTDR6 | Other heat gives off heat directly | 131- 131 |
| OTHTOT6 | Other heat distributed by other | 133- 133 |
| ADJWT6 | Adjusted weight | 135- 142 |
| PAIR6 | Pair member | 144- 144 |
| STRATUM6 | Variance stratum | 146- 147 |

Variable Codes for File 3

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BLDGID6  'Building identifier '
  @ Columns 1- 5: 99999 @
REGION6  'Census Region '
  @ Columns 7- 7: 9 @
    'Northeast' = 1
    'Midwest' = 2
    'South' = 3
    'West' = 4
CENDIV6  'Census Division '
  @ Columns 9- 9: 9 @
    'New England' = 1
    'Middle Atlantic' = 2
    'East North Central' = 3
    'West North Central' = 4
    'South Atlantic' = 5
    'East South Central' = 6
    'West South Central' = 7
    'Mountain' = 8
    'Pacific' = 9
SQFT6    'Square footage '
  @ Columns 11- 19: 999999999 @
SQFTC6   'Square footage category'
  @ Columns 21- 22: 99 @
    '1,000 or less' = 01
    '1,001 to 5,000' = 02
    '5,001 to 10,000' = 03
    '10,001 to 25,000' = 04
    '25,001 to 50,000' = 05
    '50,001 to 100,000' = 06
    '100,001 to 200,000' = 07
    '200,001 to 500,000' = 08
    '500,001 to 1 million' = 09
    'Over 1 million' = 10
    'Refused' = 97
    'Don''t know' = 98
    'Not ascertained' = 99
YRCONC6  'Year construction was completed'
  @ Columns 24- 25: 99 @
    '1899 or before' = 01
    '1900 to 1919' = 02
    '1920 to 1945' = 03
    '1946 to 1959' = 04
    '1960 to 1969' = 05
    '1970 to 1979' = 06
    '1980 TO 1989' = 07
    '1990 TO 1992' = 08
    '1993 TO 1995' = 09
    'Refused' = 97
    'Don''t know' = 98
    'Not ascertained' = 99
PBA6     'Principal building activity'
  @ Columns 27- 28: 99 @
    'Inapplicable' = 99
    'Vacant' = 01
    'Office/Professional' = 02
    'Laboratory' = 04
    'Warehouse (nonrefrig.)' = 05
    'Food Sales' = 06
    'Public order and safety' = 07
    'Health care (Outpatient)' = 08
    'Industrial processing/manufact.' = 09
    'Agricultural purposes' = 10
    'Warehouse (refrig.)' = 11
    'Religious worship' = 12

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| | |
|---------------------------------------|------|
| 'Public assembly' | = 13 |
| 'Education' | = 14 |
| 'Food services (Restaurants)' | = 15 |
| 'Health care (Inpatient)' | = 16 |
| 'Nursing home' | = 17 |
| 'Lodging (Hotel/motel/dorm)' | = 18 |
| 'Residential' | = 19 |
| 'Indoor parking garage' | = 20 |
| 'Strip shopping' | = 23 |
| 'Enclosed shopping ctr/mall' | = 24 |
| 'Retail (exc mall)' | = 25 |
| 'Service (exc food)' | = 26 |
| 'Other' | = 91 |
| 'Don''t know' | = 98 |
| 'Not ascertained' | = 96 |
| ELUSED6 'Electricity used in 1995' | |
| @ Columns 30- 30: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| NGUSED6 'Natural gas used in 1995' | |
| @ Columns 32- 32: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| FKUSED6 'Fuel oil used in 1995' | |
| @ Columns 34- 34: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| STUSED6 'District steam used in 1995' | |
| @ Columns 36- 36: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |

```

HWUSED6 'District hot water in 1995'
@ Columns 38- 38: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
HEATP6 'Percent heated in 1995'
@ Columns 40- 42: 999 @
HTLS506 'Building heated to less than 50 degrees'
@ Columns 44- 44: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
MAINHT6 'Main equipment for heating'
@ Columns 46- 47: 99 @
'Inapplicable' = 99
'Furnaces' = 01
'Heat pumps' = 02
'Individual space heaters' = 03
'District steam or hot water' = 04
'Boilers' = 05
'Packaged heating units' = 06
'No one main' = 07
'Other' = 91
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 96
FURNAC6 'Furnaces used that heat air '
@ Columns 49- 49: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
FURNP6 'Percent heated by furnace'
@ Columns 51- 53: 999 @
FURNDC6 'Furnace heat distributed by vents'
@ Columns 55- 55: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
FURNOT6 'Furnace heat distributed by other'
@ Columns 57- 57: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6

```

HTPMPH6 'Heat pump used for heating '
 @ Columns 59- 59: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 HTPHP6 'Percent heated by the heat pump'
 @ Columns 61- 63: 999 @
 HTPHDC6 'Heat pump heat distributed by vents'
 @ Columns 65- 65: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 HTPHFC6 'Heat pump heat distributed by fan-coil'
 @ Columns 67- 67: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 HTPHDR6 'Heat pump heat distributed by other'
 @ Columns 69- 69: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 HTPHOT6 'Heat pump heat gives off heat directly'
 @ Columns 71- 71: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 SLFCON6 'Self-contained units used '
 @ Columns 73- 73: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 SLFCNP6 'Percent heated by individ space heaters'
 @ Columns 75- 77: 999 @
 STHW6 'District steam or hot water'
 @ Columns 79- 79: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 STHWP6 'Percent heated by steam or hot water'
 @ Columns 81- 83: 999 @

| | | |
|--|-----------|-------|
| STHWBR6 'Steam distributed by radiators/base' | | |
| @ Columns | 85- 85: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| STHWDC6 'Steam distributed by vents' | | |
| @ Columns | 87- 87: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| STHWFC6 'Steam distributed by fan-coil units' | | |
| @ Columns | 89- 89: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| STHWOT6 'Steam distributed by other' | | |
| @ Columns | 91- 91: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| BOILER6 'Boilers used ' | | |
| @ Columns | 93- 93: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| BOILP6 'Percent heated by boilers' | | |
| @ Columns | 95- 97: | 999 @ |
| BOILBR6 'Boiler heat dist. radiators/baseboards' | | |
| @ Columns | 99- 99: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| BOILDC6 'Boiler heat distributed by vents' | | |
| @ Columns | 101- 101: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| BOILFC6 'Boiler heat dist. by fan-coil units' | | |
| @ Columns | 103- 103: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |

BOILOT6 'Boiler heat distributed by other'
 @ Columns 105- 105: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 PKGHT6 'Packaged heating units used '
 @ Columns 107- 107: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 PKGHP6 'Percent heated by packaged heating units'
 @ Columns 109- 111: 999 @
 PKGHDC6 'Packaged heat distributed by vents'
 @ Columns 113- 113: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 PKGHDR6 'Packaged heat gives off heat directly'
 @ Columns 115- 115: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 PKGHOT6 'Packaged heat distributed by other'
 @ Columns 117- 117: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 OTHTEQ6 'Other heating equipment used '
 @ Columns 119- 119: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 OTHTP6 'Percent heated by other heating equip.'
 @ Columns 121- 123: 999 @
 OTHTBR6 'Other heat distr by radiators/baseboards'
 @ Columns 125- 125: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

```

OTHTDC6 'Other heat distr. by vents'
  @ Columns 127- 127: 9 @
    'Inapplicable' = 9
    'Yes' = 1
    'No' = 2
    'Refused' = 7
    'Don''t know' = 8
    'Not ascertained' = 6
OTHTFC6 'Other heat distributed by fan-coil units'
  @ Columns 129- 129: 9 @
    'Inapplicable' = 9
    'Yes' = 1
    'No' = 2
    'Refused' = 7
    'Don''t know' = 8
    'Not ascertained' = 6
OTHTDR6 'Other heat gives off heat directly'
  @ Columns 131- 131: 9 @
    'Inapplicable' = 9
    'Yes' = 1
    'No' = 2
    'Refused' = 7
    'Don''t know' = 8
    'Not ascertained' = 6
OTHTOT6 'Other heat distributed by other'
  @ Columns 133- 133: 9 @
    'Inapplicable' = 9
    'Yes' = 1
    'No' = 2
    'Refused' = 7
    'Don''t know' = 8
    'Not ascertained' = 6
ADJW6 'Adjusted weight '
  @ Columns 135- 142: 99999999 @
PAIR6 'Pair member '
  @ Columns 144- 144: 9 @
STRATUM6 'Variance '
  @ Columns 146- 147: 99 @

```

**Layout for File 4: Cooling, Refrigeration, and Water Heating Equipment
(BC95F04T.TXT & BC95F04D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> |
|----------------------|--|-----------------|
| BLDGID6 | Building identifier | 1- 5 |
| REGION6 | Census region | 7- 7 |
| CENDIV6 | Census division | 9- 9 |
| SQFT6 | Square footage | 11- 19 |
| SQFTC6 | Square footage category | 21- 22 |
| YRCONC6 | Year of construction category | 24- 25 |
| PBA6 | Principal building activity | 27- 28 |
| ELUSED6 | Electricity used in 1995 | 30- 30 |
| NGUSED6 | Natural gas used in 1995 | 32- 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- 34 |
| STUSED6 | District steam used in 1995 | 36- 36 |
| HWUSED6 | District hot water used in 1995 | 38- 38 |
| COOLP6 | Percent cooled in 1995 | 40- 42 |
| MAINCL6 | Main cooling equipment | 44- 45 |
| RCAC6 | Residential type central AC used | 47- 47 |
| RCACP6 | Pct. cooled by residential central AC | 49- 51 |
| RCACDC6 | Central air distributed by vents | 53- 53 |
| RCACOT6 | Central air distributed by other | 55- 55 |
| HTPMPC6 | Heat pump used for cooling | 57- 57 |
| HTPCP6 | Pct. cooled by the heat pump | 59- 61 |
| HTPCDC6 | Heat pump cooling distributed by vents | 63- 63 |
| HTPCDR6 | Heat pump used to cool directly | 65- 65 |
| HTPCOT6 | Heat pump cooling distributed by other | 67- 67 |
| ACWNWL6 | Air conditioners (walls/window) used | 69- 69 |
| ACWNWP6 | Pct. cooled by individual room AC | 71- 73 |
| CHWT6 | District chilled water piped in | 75- 75 |
| CHWTP6 | Pct. cooled by district chilled water | 77- 79 |
| CHWTF6 | Chilled water dist. by fan-coil units | 81- 81 |
| CHWTDC6 | Chilled water distributed by vents | 83- 83 |
| CHWTOT6 | Chilled water distributed by other | 85- 85 |
| CHILLR6 | Central chillers used | 87- 87 |
| CHILP6 | Pct. cooled by central chillers | 89- 91 |
| CHILFC6 | Central chiller dist. by fan-coil units | 93- 93 |
| CHILDC6 | Central chiller distributed by vents | 95- 95 |
| CHILOT6 | Central chiller distributed by other | 97- 97 |
| PKGCL6 | Packaged cooling units used | 99- 99 |
| PKGCP6 | Pct. packaged cooling units | 101- 103 |
| PKGDC6 | Packaged cooling distributed by vents | 105- 105 |
| PKGCDR6 | Packaged cooling cools directly | 107- 107 |
| PKGCOT6 | Packaged cooling distributed by other | 109- 109 |
| EVAPCL6 | Evaporative coolers used | 111- 111 |
| EVAPP6 | Pct. cooled by the evaporative coolers | 113- 115 |
| EVAPFC6 | Evap. coolers dist. by fan-coil units | 117- 117 |
| EVAPDC6 | Evaporative coolers distributed by vents | 119- 119 |
| EVAPOT6 | Evap. coolers distributed by other | 121- 121 |
| OTCLEQ6 | Other cooling equipment used | 123- 123 |
| OTCLP6 | Pct. cooled by other cooling equipment | 125- 127 |
| OTCLFC6 | Other cooling distributed by fan-coil | 129- 129 |
| OTCLDC6 | Other cooling distributed by vents | 131- 131 |
| OTCLDR6 | Other cooling equipment cools directly | 133- 133 |
| OTCLOT6 | Other cooling distributed by other | 135- 135 |
| RFGEQP6 | Commercial refrig./freezer equip present | 137- 137 |
| RFGWI6 | Refrig./freezer walk-in units in bldg. | 139- 139 |
| RFGWIN6 | Number of walk-in units | 141- 143 |
| RFGOP6 | Open refrig./freezer cases/cabinets | 145- 145 |
| RFGOPN6 | Number of open ref./frzr. cases/cabinets | 147- 149 |
| RFGCL6 | Closed refrig./freezer cases/cabinets | 151- 151 |
| RFGCLN6 | Number closed ref./frzr. cases/cabinets | 153- 155 |
| WHTEQ6 | Type of water heating system | 157- 157 |
| HTPW6 | Heat pump water heater used | 159- 159 |
| HTPWON6 | Only heat pump used for water heating | 161- 161 |

| | | |
|----------|------------------|----------|
| ADJWT6 | Adjusted weight | 163- 170 |
| PAIR6 | Pair member | 172- 172 |
| STRATUM6 | Variance stratum | 174- 175 |

Variable Codes for File 4

```

BLDGID6  'Building identifier '
@ Columns 1- 5: 99999 @
REGION6  'Census Region '
@ Columns 7- 7: 9 @
'Northeast' = 1
'Midwest' = 2
'South' = 3
'West' = 4
CENDIV6  'Census Division '
@ Columns 9- 9: 9 @
'New England' = 1
'Middle Atlantic' = 2
'East North Central' = 3
'West North Central' = 4
'South Atlantic' = 5
'East South Central' = 6
'West South Central' = 7
'Mountain' = 8
'Pacific' = 9
SQFT6    'Square footage '
@ Columns 11- 19: 999999999 @
SQFTC6   'Square footage category'
@ Columns 21- 22: 99 @
'1,000 or less' = 01
'1,001 to 5,000' = 02
'5,001 to 10,000' = 03
'10,001 to 25,000' = 04
'25,001 to 50,000' = 05
'50,001 to 100,000' = 06
'100,001 to 200,000' = 07
'200,001 to 500,000' = 08
'500,001 to 1 million' = 09
'Over 1 million' = 10
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
YRCONC6  'Year construction was completed'
@ Columns 24- 25: 99 @
'1899 or before' = 01
'1900 to 1919' = 02
'1920 to 1945' = 03
'1946 to 1959' = 04
'1960 to 1969' = 05
'1970 to 1979' = 06
'1980 TO 1989' = 07
'1990 TO 1992' = 08
'1993 TO 1995' = 09
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
PBA6     'Principal building activity'
@ Columns 27- 28: 99 @
'Inapplicable' = 99
'Vacant' = 01
'Office/Professional' = 02
'Laboratory' = 04
'Warehouse (nonrefrig.)' = 05
'Food Sales' = 06
'Public order and safety' = 07
'Health care (Outpatient)' = 08
'Industrial processing/manufact.' = 09
'Agricultural purposes' = 10
'Warehouse (refrig.)' = 11
'Religious worship' = 12

```

| | |
|---------------------------------------|------|
| 'Public assembly' | = 13 |
| 'Education' | = 14 |
| 'Food services (Restaurants)' | = 15 |
| 'Health care (Inpatient)' | = 16 |
| 'Nursing home' | = 17 |
| 'Lodging (Hotel/motel/dorm)' | = 18 |
| 'Residential' | = 19 |
| 'Indoor parking garage' | = 20 |
| 'Strip shopping' | = 23 |
| 'Enclosed shopping ctr/mall' | = 24 |
| 'Retail (exc mall)' | = 25 |
| 'Service (exc food)' | = 26 |
| 'Other' | = 91 |
| 'Don''t know' | = 98 |
| 'Not ascertained' | = 96 |
| ELUSED6 'Electricity used in 1995' | |
| @ Columns 30- 30: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| NGUSED6 'Natural gas used in 1995' | |
| @ Columns 32- 32: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| FKUSED6 'Fuel oil used in 1995' | |
| @ Columns 34- 34: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| STUSED6 'District steam used in 1995' | |
| @ Columns 36- 36: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |

```

HWUSED6  'District hot water in 1995'
@ Columns 38- 38: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
COOLP6  'Percent cooled in 1995'
@ Columns 40- 42: 999 @
MAINCL6  'Main cooling equipment'
@ Columns 44- 45: 99 @
'Inapplicable' = 99
'Residential type air/cond ' = 01
'Heat pumps for cooling ' = 02
'Individual room air/cond ' = 03
'District chill water piped in' = 04
'Central chillers inside bldg ' = 05
'Packaged air/cond units ' = 06
'Swamp or evaporative coolers ' = 07
'No one main ' = 08
'Other ' = 91
'Refused ' = 97
'Don''t know ' = 98
'Not ascertained' = 96
RCAC6  'Residential-type central air conditioner'
@ Columns 47- 47: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
RCACP6  'Percent cooled by resident central a/c'
@ Columns 49- 51: 999 @
RCACDC6  'Central air distributed by vents'
@ Columns 53- 53: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
RCACOT6  'Central air distributed by other'
@ Columns 55- 55: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
HTPMPC6  'Heat pumps'
@ Columns 57- 57: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
HTPCP6  'Percent cooled by heat pump'
@ Columns 59- 61: 999 @

```

HTPCDC6 'Heat pump cooling distributed by vents'
 @ Columns 63- 63: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

HTPCDR6 'Heat pump used to cool directly'
 @ Columns 65- 65: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

HTPCOT6 'Heat pump cooling distributed by other'
 @ Columns 67- 67: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

ACWNWL6 'Individual air conditioners'
 @ Columns 69- 69: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

ACWNWP6 'Percent cooled by indiv room air-cond.'
 @ Columns 71- 73: 999 @

CHWT6 'District chilled water'
 @ Columns 75- 75: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

CHWTP6 'Percent cooled by dist chill water.'
 @ Columns 77- 79: 999 @

CHWTFC6 'Chilled water distri by fan-coil units'
 @ Columns 81- 81: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

CHWTDC6 'Chilled water distributed by vents'
 @ Columns 83- 83: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

| | | |
|--|-----------|-------|
| CHWTOT6 'Chilled water distributed by other' | | |
| @ Columns | 85- 85: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| CHILLR6 'Central chillers used' | | |
| @ Columns | 87- 87: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| CHILP6 'Percent cooled by central chillers' | | |
| @ Columns | 89- 91: | 999 @ |
| CHILFC6 'Central chillers dist. by fan-coil units' | | |
| @ Columns | 93- 93: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| CHILDC6 'Central chillers distributed by vents' | | |
| @ Columns | 95- 95: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| CHILOT6 'Central chillers distributed by other' | | |
| @ Columns | 97- 97: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| PKGCL6 'Packaged cooling units used' | | |
| @ Columns | 99- 99: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| PKGCP6 'Percent packaged cooling units' | | |
| @ Columns | 101- 103: | 999 @ |
| PKGCDC6 'Packaged cooling distributed by vents' | | |
| @ Columns | 105- 105: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |

PKGCDR6 'Packaged cooling cools directly'
 @ Columns 107- 107: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 PKGCOT6 'Packaged cooling distributed by other'
 @ Columns 109- 109: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 EVAPCL6 'Evaporative coolers used'
 @ Columns 111- 111: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 EVAPP6 'Percent cooled by evaporative coolers'
 @ Columns 113- 115: 999 @
 EVAPFC6 'Evap coolers dist. by fan-coil units'
 @ Columns 117- 117: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 EVAPDC6 'Evap coolers distributed by vents'
 @ Columns 119- 119: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 EVAPOT6 'Evap coolers distributed by other'
 @ Columns 121- 121: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 OTCLEQ6 'Other cooling equipment used '
 @ Columns 123- 123: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 OTCLP6 'Percent cooled by other cooling equip'
 @ Columns 125- 127: 999 @

OTCLFC6 'Other cooling distributed by fan-coil'
 @ Columns 129- 129: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 OTCLDC6 'Other cooling distributed by vents'
 @ Columns 131- 131: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 OTCLDR6 'Other cooling equip. cools directly'
 @ Columns 133- 133: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 OTCLOT6 'Other cooling distributed by other'
 @ Columns 135- 135: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 RFGQEP6 'Comm. refrigeration equip. in building.'
 @ Columns 137- 137: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Don''t know' = 8
 'Not ascertained' = 6
 RFGWI6 'Refrigerated walk-in units in building.'
 @ Columns 139- 139: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Don''t know' = 8
 'Not ascertained' = 6
 RFGWIN6 'Number of walk-in units.'
 @ Columns 141- 143: 999 @
 RFGOP6 'Open refrig/freezer cases/cabinets'
 @ Columns 145- 145: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Don''t know' = 8
 'Not ascertained' = 6
 RFGOPN6 'Number of open ref/frzr cases/cabinets'
 @ Columns 147- 149: 999 @
 RFGCL6 'Closed refrig/freezer cases/cabinets'
 @ Columns 151- 151: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Don''t know' = 8
 'Not ascertained' = 6
 RFGCLN6 'Number closed ref/frzr cases/cabinets'
 @ Columns 153- 155: 999 @


```

WTHTEQ6  'Type of water heating system'
@ Columns 157- 157: 9 @
'Inapplicable' = 9
'Centralized system' = 1
'Distributed/Point of use system' = 2
'Combination of central and distr' = 3
'Not ascertained' = 6
'Refused' = 7
'Don't know' = 8
HTPWH6  'Heat pump water heater used'
@ Columns 159- 159: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Don't know' = 8
'Not ascertained' = 6
HTPWON6  'Only heat pump used for water heating'
@ Columns 161- 161: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Don't know' = 8
'Not ascertained' = 6
ADJWT6  'Adjusted weight'
@ Columns 163- 170: 99999999 @
PAIR6  'Pair member'
@ Columns 172- 172: 9 @
STRATUM6  'Variance'
@ Columns 174- 175: 99 @

```

**Layout for File 5: End Uses of Major Energy Sources,
Electricity Generation, and Transportation Gas
(BC95F05T.TXT & BC95F05D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> | |
|----------------------|--|-----------------|-----|
| BLDGID6 | Building identifier | 1- | 5 |
| REGION6 | Census region | 7- | 7 |
| CENDIV6 | Census division | 9- | 9 |
| SQFT6 | Square footage | 11- | 19 |
| SQFTC6 | Square footage category | 21- | 22 |
| YRCONC6 | Year of construction category | 24- | 25 |
| PBA6 | Principal building activity | 27- | 28 |
| ELUSED6 | Electricity used in 1995 | 30- | 30 |
| ELHT16 | Electricity used for main heating | 32- | 32 |
| ELHT26 | Electricity used for secondary heating | 34- | 34 |
| ELCOOL6 | Electricity used for cooling | 36- | 36 |
| ELWATR6 | Electricity used for water heating | 38- | 38 |
| ELCOOK6 | Electricity used for commercial cooking | 40- | 40 |
| ELMANU6 | Electricity used for manufacturing | 42- | 42 |
| NGUSED6 | Natural gas used in 1995 | 44- | 44 |
| NGHT16 | Natural gas used for main heating | 46- | 46 |
| NGHT26 | Natural gas used for secondary heating | 48- | 48 |
| NGCOOL6 | Natural gas used for cooling | 50- | 50 |
| NGWATR6 | Natural gas used for water heating | 52- | 52 |
| NGCOOK6 | Natural gas used for commercial cooking | 54- | 54 |
| NGMANU6 | Natural gas used for manufacturing | 56- | 56 |
| NGGENR6 | Natural gas used to generate electricity | 58- | 58 |
| NGOTH6 | Natural gas used for other use | 60- | 60 |
| FKUSED6 | Fuel oil used in 1995 | 62- | 62 |
| FKHT16 | Fuel oil used for main heating | 64- | 64 |
| FKHT26 | Fuel oil used for secondary heating | 66- | 66 |
| FKCOOL6 | Fuel oil used for cooling | 68- | 68 |
| FKWATR6 | Fuel oil used for water heating | 70- | 70 |
| FKCOOK6 | Fuel oil used for commercial cooking | 72- | 72 |
| FKMANU6 | Fuel oil used for manufacturing | 74- | 74 |
| FKGENR6 | Fuel oil used to generate electricity | 76- | 76 |
| FKOTH6 | Fuel oil used for other use | 78- | 78 |
| STUSED6 | District steam used in 1995 | 80- | 80 |
| STHT16 | District steam used for main heating | 82- | 82 |
| STHT26 | District steam for secondary heating | 84- | 84 |
| STCOOL6 | District steam used for cooling | 86- | 86 |
| STWATR6 | District steam used for water heating | 88- | 88 |
| STCOOK6 | District steam for commercial cooking | 90- | 90 |
| STMANU6 | District steam used for manufacturing | 92- | 92 |
| STOTH6 | District steam used for other use | 94- | 94 |
| HWUSED6 | District hot water used in 1995 | 96- | 96 |
| HWHT16 | District hot water for main heating | 98- | 98 |
| HWHT26 | District hot water for secondary heat | 100- | 100 |
| HWCOOL6 | District hot water used for cooling | 102- | 102 |
| HWWATR6 | District hot water for water heating | 104- | 104 |
| HWCOOK6 | District hot water commercial cooking | 106- | 106 |
| HWMANU6 | District hot water for manufacturing | 108- | 108 |
| HWOTH6 | District hot water for other use | 110- | 110 |
| GENER6 | Non-emergency generating capability | 112- | 112 |
| GENUSE6 | Primary use of generators | 114- | 115 |
| COGEN6 | Cogeneration system | 117- | 117 |
| GRID6 | Cogeneration system connected to grid | 119- | 119 |
| GENBLD6 | Generated elec totally consumed in bldg. | 121- | 121 |
| GENUTL6 | Generated elec delivered to utility | 123- | 123 |
| GENOTB6 | Generated elec delivered to other bldg. | 125- | 125 |
| GENOFF6 | No electricity generated in 1995 | 127- | 127 |
| ELEXPC6 | Expenditures for elec in 1995 category | 129- | 130 |
| ELUTPC6 | Electricity from utility pct. category | 132- | 132 |
| ELIP6 | Elec. from independent power producer | 134- | 134 |
| ELIPPC6 | Elec. from indep. power prod. pct. cat. | 136- | 136 |

| | | |
|----------|--|----------|
| NGEXPC6 | Expend. for natural gas in 1995 category | 138- 139 |
| TRNSGS6 | Building uses transportation gas | 141- 141 |
| FKEXPC6 | Expend. for fuel oil in 1995 category | 143- 144 |
| TOTCAP6 | Total fuel oil tank capacity (gallons) | 146- 151 |
| ADJWT6 | Adjusted weight | 153- 160 |
| PAIR6 | Pair member | 162- 162 |
| STRATUM6 | Variance stratum | 164- 165 |

Variable Codes for File 5

```

BLDGID6  'Building identifier '
@ Columns 1- 5: 99999 @
REGION6  'Census Region '
@ Columns 7- 7: 9 @
'Northeast' = 1
'Midwest' = 2
'South' = 3
'West' = 4
CENDIV6  'Census Division '
@ Columns 9- 9: 9 @
'New England' = 1
'Middle Atlantic' = 2
'East North Central' = 3
'West North Central' = 4
'South Atlantic' = 5
'East South Central' = 6
'West South Central' = 7
'Mountain' = 8
'Pacific' = 9
SQFT6    'Square footage '
@ Columns 11- 19: 999999999 @
SQFTC6   'Square footage category'
@ Columns 21- 22: 99 @
'1,000 or less' = 01
'1,001 to 5,000' = 02
'5,001 to 10,000' = 03
'10,001 to 25,000' = 04
'25,001 to 50,000' = 05
'50,001 to 100,000' = 06
'100,001 to 200,000' = 07
'200,001 to 500,000' = 08
'500,001 to 1 million' = 09
'Over 1 million' = 10
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
YRCONC6  'Year construction was completed'
@ Columns 24- 25: 99 @
'1899 or before' = 01
'1900 to 1919' = 02
'1920 to 1945' = 03
'1946 to 1959' = 04
'1960 to 1969' = 05
'1970 to 1979' = 06
'1980 TO 1989' = 07
'1990 TO 1992' = 08
'1993 TO 1995' = 09
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
PBA6     'Principal building activity'
@ Columns 27- 28: 99 @
'Inapplicable' = 99
'Vacant' = 01
'Office/Professional' = 02
'Laboratory' = 04
'Warehouse (nonrefrig.)' = 05
'Food Sales' = 06
'Public order and safety' = 07
'Health care (Outpatient)' = 08
'Industrial processing/manufact.' = 09
'Agricultural purposes' = 10
'Warehouse (refrig.)' = 11
'Religious worship' = 12

```

| | |
|--|------|
| 'Public assembly' | = 13 |
| 'Education' | = 14 |
| 'Food services (Restaurants)' | = 15 |
| 'Health care (Inpatient)' | = 16 |
| 'Nursing home' | = 17 |
| 'Lodging (Hotel/motel/dorm)' | = 18 |
| 'Residential' | = 19 |
| 'Indoor parking garage' | = 20 |
| 'Strip shopping' | = 23 |
| 'Enclosed shopping ctr/mall' | = 24 |
| 'Retail (exc mall)' | = 25 |
| 'Service (exc food)' | = 26 |
| 'Other' | = 91 |
| 'Don''t know' | = 98 |
| 'Not ascertained' | = 96 |
| ELUSED6 'Electricity used in 1995' | |
| @ Columns 30- 30: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| ELHT16 'Electricity used for main heating' | |
| @ Columns 32- 32: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| ELHT26 'Electricity used for secondary heat' | |
| @ Columns 34- 34: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| ELCOOL6 'Electricity used for cooling' | |
| @ Columns 36- 36: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |

```

ELWATR6 'Electricity used for water heating'
@ Columns 38- 38: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
ELCOOK6 'Electricity used for commercial cooking'
@ Columns 40- 40: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
ELMANU6 'Electricity used for manufacturing'
@ Columns 42- 42: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
NGUSED6 'Natural gas used in 1995'
@ Columns 44- 44: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
NGHT16 'Natural gas used for main heating'
@ Columns 46- 46: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
NGHT26 'Natural gas used for secondary heat'
@ Columns 48- 48: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6

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NGCOOL6 'Natural gas used for cooling '
@ Columns 50- 50: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
NGWATR6 'Natural gas used for water heating'
@ Columns 52- 52: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
NGCOOK6 'Natural gas used for commercial cooking'
@ Columns 54- 54: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
NGMANU6 'Natural gas used for manufacturing'
@ Columns 56- 56: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
NGGENR6 'Natural gas used to generate electricity'
@ Columns 58- 58: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
NGOTH6 'Natural gas used for other use'
@ Columns 60- 60: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6

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FKUSED6  'Fuel oil used in 1995'
@ Columns      62- 62: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'No (revised)'       = 3
'Not 1995'           = 4
'Yes (revised)'      = 5
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
FKHT16   'Fuel oil used for main heating '
@ Columns      64- 64: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'No (revised)'       = 3
'Not 1995'           = 4
'Yes (revised)'      = 5
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
FKHT26   'Fuel oil used for secondary heating'
@ Columns      66- 66: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'No (revised)'       = 3
'Not 1995'           = 4
'Yes (revised)'      = 5
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
FKCOOL6  'Fuel oil used for cooling '
@ Columns      68- 68: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'No (revised)'       = 3
'Not 1995'           = 4
'Yes (revised)'      = 5
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
FKWATR6  'Fuel oil used for water heating '
@ Columns      70- 70: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'No (revised)'       = 3
'Not 1995'           = 4
'Yes (revised)'      = 5
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
FKCOOK6  'Fuel oil used for commercial cooking'
@ Columns      72- 72: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'No (revised)'       = 3
'Not 1995'           = 4
'Yes (revised)'      = 5
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6

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FKMANU6 'Fuel oil used for manufacturing'
@ Columns      74- 74: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'No (revised)'       = 3
'Not 1995'           = 4
'Yes (revised)'      = 5
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
FKGENR6 'Fuel oil used to generate electricity'
@ Columns      76- 76: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'No (revised)'       = 3
'Not 1995'           = 4
'Yes (revised)'      = 5
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
FKOTH6 'Fuel oil used for other use'
@ Columns      78- 78: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'No (revised)'       = 3
'Not 1995'           = 4
'Yes (revised)'      = 5
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
STUSED6 'District steam used in 1995'
@ Columns      80- 80: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'No (revised)'       = 3
'Not 1995'           = 4
'Yes (revised)'      = 5
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
STHT16 'District steam used for main heating '
@ Columns      82- 82: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'No (revised)'       = 3
'Not 1995'           = 4
'Yes (revised)'      = 5
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
STHT26 'District steam for secondary heating '
@ Columns      84- 84: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'No (revised)'       = 3
'Not 1995'           = 4
'Yes (revised)'      = 5
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6

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```

STCOOL6  'District steam used for cooling'
@ Columns      86-   86:   9 @
'Inapplicable'          = 9
'Yes'                   = 1
'No'                    = 2
'No (revised)'          = 3
'Not 1995'              = 4
'Yes (revised)'         = 5
'Refused'               = 7
'Don''t know'           = 8
'Not ascertained'       = 6
STWATR6  'District steam used for water heating'
@ Columns      88-   88:   9 @
'Inapplicable'          = 9
'Yes'                   = 1
'No'                    = 2
'No (revised)'          = 3
'Not 1995'              = 4
'Yes (revised)'         = 5
'Refused'               = 7
'Don''t know'           = 8
'Not ascertained'       = 6
STCOOK6  'District steam for commercial cooking'
@ Columns      90-   90:   9 @
'Inapplicable'          = 9
'Yes'                   = 1
'No'                    = 2
'No (revised)'          = 3
'Not 1995'              = 4
'Yes (revised)'         = 5
'Refused'               = 7
'Don''t know'           = 8
'Not ascertained'       = 6
STMANU6  'District steam used for manufacturing'
@ Columns      92-   92:   9 @
'Inapplicable'          = 9
'Yes'                   = 1
'No'                    = 2
'No (revised)'          = 3
'Not 1995'              = 4
'Yes (revised)'         = 5
'Refused'               = 7
'Don''t know'           = 8
'Not ascertained'       = 6
STOTH6   'District steam used for other use'
@ Columns      94-   94:   9 @
'Inapplicable'          = 9
'Yes'                   = 1
'No'                    = 2
'No (revised)'          = 3
'Not 1995'              = 4
'Yes (revised)'         = 5
'Refused'               = 7
'Don''t know'           = 8
'Not ascertained'       = 6
HWUSED6  'District hot water in 1995'
@ Columns      96-   96:   9 @
'Inapplicable'          = 9
'Yes'                   = 1
'No'                    = 2
'No (revised)'          = 3
'Not 1995'              = 4
'Yes (revised)'         = 5
'Refused'               = 7
'Don''t know'           = 8
'Not ascertained'       = 6

```

HWHT16 'District hot water for main heating '
 @ Columns 98- 98: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'No (revised)' = 3
 'Not 1995' = 4
 'Yes (revised)' = 5
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 HWHT26 'District hot water for secondary heating'
 @ Columns 100- 100: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'No (revised)' = 3
 'Not 1995' = 4
 'Yes (revised)' = 5
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 HWC00L6 'District hot water used for cooling '
 @ Columns 102- 102: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'No (revised)' = 3
 'Not 1995' = 4
 'Yes (revised)' = 5
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 HWWATR6 'District hot water for water heating'
 @ Columns 104- 104: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'No (revised)' = 3
 'Not 1995' = 4
 'Yes (revised)' = 5
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 HWC00K6 'District hot water commercial cooking'
 @ Columns 106- 106: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'No (revised)' = 3
 'Not 1995' = 4
 'Yes (revised)' = 5
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 HWMANU6 'District hot water for manufacturing'
 @ Columns 108- 108: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'No (revised)' = 3
 'Not 1995' = 4
 'Yes (revised)' = 5
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

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HWOOTH6   'District how water used for other use'
@ Columns 110- 110: 9 @
'Inapplicable'           = 9
'Yes'                     = 1
'No'                      = 2
'No (revised)'           = 3
'Not 1995'                = 4
'Yes (revised)'          = 5
'Refused'                 = 7
'Don''t know'            = 8
'Not ascertained'        = 6
GENER6    'Non-emergency generating capability'
@ Columns 112- 112: 9 @
'Inapplicable'           = 9
'Yes'                     = 1
'No'                      = 2
'Refused'                 = 7
'Don''t know'            = 8
'Not ascertained'        = 6
GENUSE6   'Primary use of generators in bldg'
@ Columns 114- 115: 99 @
'Inapplicable'           = 99
'Emergency back-up generation' = 01
'Periods of peak demand'   = 02
'Operate continuously'     = 03
'Other'                   = 04
'Don''t know'            = 95
'Not ascertained'        = 96
COGEN6    'Cogeneration system '
@ Columns 117- 117: 9 @
'Inapplicable'           = 9
'Yes'                     = 1
'No'                      = 2
'Refused'                 = 7
'Don''t know'            = 8
'Not ascertained'        = 6
GRID6     'Cogeneration system connected to grid'
@ Columns 119- 119: 9 @
'Inapplicable'           = 9
'Yes'                     = 1
'No'                      = 2
'Refused'                 = 7
'Don''t know'            = 8
'Not ascertained'        = 6
GENBLD6   'Generated elec totally consumed in bldg'
@ Columns 121- 121: 9 @
'Inapplicable'           = 9
'Yes'                     = 1
'No'                      = 2
'Refused'                 = 7
'Don''t know'            = 8
'Not ascertained'        = 6
GENUTL6   'Generated elec delivered to utility'
@ Columns 123- 123: 9 @
'Inapplicable'           = 9
'Yes'                     = 1
'No'                      = 2
'Refused'                 = 7
'Don''t know'            = 8
'Not ascertained'        = 6

```

GENOTB6 'Generated elec delivered to other bldg'

@ Columns 125- 125: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6

GENOFF6 'No electricity generated in 1995'

@ Columns 127- 127: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6

ELEXPC6 '1995 expend category for electricity'

@ Columns 129- 130: 99 @
'Inapplicable' = 99
'\$1 to \$100' = 01
'\$101 to \$500' = 02
'\$501 to \$1000' = 03
'\$1001 to \$2000' = 04
'\$2001 to \$5000' = 05
'\$5001 to \$10,000' = 06
'\$10,001 to \$20,000' = 07
'\$20,001 to \$50,000' = 08
'\$50,001 to \$100,000' = 09
'\$100,001 to \$200,000' = 10
'\$200,001 to \$500,000' = 11
'\$500,001 to \$1,000,000' = 12
'Over \$1,000,000' = 13
'Don''t know' = 98
'Not ascertained' = 96

ELUTPC6 'Electricity from utility pct. category'

@ Columns 132- 132: 9 @
'Inapplicable' = 9
'None' = 1
'1 to 25 %' = 2
'26 to 50%' = 3
'51 to 75%' = 4
'76 to 99%' = 5
'All (100%)' = 6
'Don''t know' = 8

ELIP6 'Electricity from Indep Power Producer'

@ Columns 134- 134: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6

ELIPPC6 'Electricity purchased from IPP pct. cat'

@ Columns 136- 136: 9 @
'Inapplicable' = 9
'1 to 25 %' = 1
'26 to 50%' = 2
'51 to 75%' = 3
'76 to 99%' = 4
'All (100%)' = 5
'Don''t know' = 8

```

NGEXPC6  '1995 expend category for natural gas'
@ Columns 138- 139: 99 @
'Inapplicable' = 99
'None' = 00
'$1 to $100' = 01
'$101 to $500' = 02
'$501 to $1000' = 03
'$1001 to $2000' = 04
'$2001 to $5000' = 05
'$5001 to $10,000' = 06
'$10,001 to $20,000' = 07
'$20,001 to $50,000' = 08
'$50,001 to $100,000' = 09
'$100,001 to $200,000' = 10
'$200,001 to $500,000' = 11
'$500,001 to $1,000,000' = 12
'Over $1,000,000' = 13
'Don't know' = 98
'Not ascertained' = 96
TRNSGS6  'Building uses transportation gas'
@ Columns 141- 141: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Don't know' = 8
'Not ascertained' = 6
FKEXPC6  '1995 expend category for fuel oil'
@ Columns 143- 144: 99 @
'Inapplicable' = 99
'None' = 00
'$1 to $100' = 01
'$101 to $500' = 02
'$501 to $1000' = 03
'$1001 to $2000' = 04
'$2001 to $5000' = 05
'$5001 to $10,000' = 06
'$10,001 to $20,000' = 07
'$20,001 to $50,000' = 08
'$50,001 to $100,000' = 09
'$100,001 to $200,000' = 10
'$200,001 to $500,000' = 11
'$500,001 to $1,000,000' = 12
'Over $1,000,000' = 13
'Don't know' = 98
'Not ascertained' = 96
TOTCAP6  'Total fuel oil tank capacity (gallons)'
@ Columns 146- 151: 999999 @
ADJWT6  'Adjusted weight '
@ Columns 153- 160: 99999999 @
PAIR6  'Pair member '
@ Columns 162- 162: 9 @
STRATUM6  'Variance '
@ Columns 164- 165: 99 @

```

**Layout for File 6: Minor Energy Sources and End Uses for Minor Energy Sources
(BC95F06T.TXT & BC95F06D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> |
|----------------------|--|-----------------|
| BLDGID6 | Building identifier | 1- 5 |
| REGION6 | Census region | 7- 7 |
| CENDIV6 | Census division | 9- 9 |
| SQFT6 | Square footage | 11- 19 |
| SQFTC6 | Square footage category | 21- 22 |
| YRCONC6 | Year of construction category | 24- 25 |
| PBA6 | Principal building activity | 27- 28 |
| ELUSED6 | Electricity used in 1995 | 30- 30 |
| NGUSED6 | Natural gas used in 1995 | 32- 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- 34 |
| PRUSED6 | Propane used in 1995 | 36- 36 |
| PRHT16 | Propane used for main heating | 38- 38 |
| PRHT26 | Propane used for secondary heating | 40- 40 |
| PRCOOL6 | Propane used for cooling | 42- 42 |
| PRWATR6 | Propane used for water heating | 44- 44 |
| PRCOOK6 | Propane used for commercial cooking | 46- 46 |
| PRMANU6 | Propane used for manufacturing | 48- 48 |
| PRGENR6 | Propane used to generate electricity | 50- 50 |
| PROTH6 | Propane used for other use | 52- 52 |
| STUSED6 | District steam used in 1995 | 54- 54 |
| HWUSED6 | District hot water used in 1995 | 56- 56 |
| CWUSED6 | District chilled water in 1995 | 58- 58 |
| CWCOOL6 | District chilled water used for cooling | 60- 60 |
| CWOTH6 | District chilled water for other use | 62- 62 |
| WOUSED6 | Wood used in 1995 | 64- 64 |
| WOHT16 | Wood used for main heating | 66- 66 |
| WOHT26 | Wood used for secondary heating | 68- 68 |
| WOWATR6 | Wood used for water heating | 70- 70 |
| WOCOOK6 | Wood used for commercial cooking | 72- 72 |
| WOMANU6 | Wood used for manufacturing | 74- 74 |
| WOGENR6 | Wood used to generate electricity | 76- 76 |
| WOOTH6 | Wood used for other use | 78- 78 |
| COUSED6 | Coal used in 1995 | 80- 80 |
| COHT16 | Coal used for main heating | 82- 82 |
| COHT26 | Coal used for secondary heating | 84- 84 |
| COWATR6 | Coal used for water heating | 86- 86 |
| COCOOK6 | Coal used for commercial cooking | 88- 88 |
| COMANU6 | Coal used for manufacturing | 90- 90 |
| COGENR6 | Coal used to generate electricity | 92- 92 |
| COOTH6 | Coal used for other use | 94- 94 |
| SOUSED6 | Active solar used in 1995 | 96- 96 |
| SOHT16 | Active solar used for main heating | 98- 98 |
| SOHT26 | Active solar used for secondary heating | 100- 100 |
| SOWATR6 | Active solar used for water heating | 102- 102 |
| SOCOOK6 | Active solar for commercial cooking | 104- 104 |
| SOMANU6 | Active solar used for manufacturing | 106- 106 |
| SOGENR6 | Active solar to generate electricity | 108- 108 |
| SOOTH6 | Active solar used for other use | 110- 110 |
| OTUSED6 | Other energy source in 1995 | 112- 112 |
| OTHT16 | Other energy used for main heating | 114- 114 |
| OTHT26 | Other energy used for secondary heating | 116- 116 |
| OTCOOL6 | Other energy used for cooling | 118- 118 |
| OTWATR6 | Other energy used for water heating | 120- 120 |
| OTCOOK6 | Other energy used for commercial cooking | 122- 122 |
| OTMANU6 | Other energy used for manufacturing | 124- 124 |
| OTGENR6 | Other energy to generate electricity | 126- 126 |
| OTOTH6 | Other energy used for other use | 128- 128 |
| PRAMTC6 | Consumption of propane in 1995 category | 130- 131 |
| PRAUNT6 | Unit of measure for propane amounts | 133- 133 |
| PREXPC6 | Expend. for propane in 1995 category | 135- 136 |
| WOLOGS6 | Wood used: logs | 138- 138 |

| | | |
|----------|--------------------------------------|----------|
| WOSCRP6 | Wood used: wood scraps | 140- 140 |
| WOPELL6 | Wood used: pellets | 142- 142 |
| WOAMTC6 | Consumption of wood in 1995 category | 144- 145 |
| WOSRC6 | Wood purchased or free of charge | 147- 147 |
| WOEXPC6 | Expend. for wood in 1995 category | 149- 150 |
| ADJWT6 | Adjusted weight | 152- 159 |
| PAIR6 | Pair member | 161- 161 |
| STRATUM6 | Variance stratum | 163- 164 |

Variable Codes for File 6

```

BLDGID6  'Building identifier '
@ Columns 1- 5: 99999 @
REGION6  'Census Region '
@ Columns 7- 7: 9 @
'Northeast' = 1
'Midwest' = 2
'South' = 3
'West' = 4
CENDIV6  'Census Division '
@ Columns 9- 9: 9 @
'New England' = 1
'Middle Atlantic' = 2
'East North Central' = 3
'West North Central' = 4
'South Atlantic' = 5
'East South Central' = 6
'West South Central' = 7
'Mountain' = 8
'Pacific' = 9
SQFT6    'Square footage '
@ Columns 11- 19: 999999999 @
SQFTC6   'Square footage category'
@ Columns 21- 22: 99 @
'1,000 or less' = 01
'1,001 to 5,000' = 02
'5,001 to 10,000' = 03
'10,001 to 25,000' = 04
'25,001 to 50,000' = 05
'50,001 to 100,000' = 06
'100,001 to 200,000' = 07
'200,001 to 500,000' = 08
'500,001 to 1 million' = 09
'Over 1 million' = 10
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
YRCONC6  'Year construction was completed'
@ Columns 24- 25: 99 @
'1899 or before' = 01
'1900 to 1919' = 02
'1920 to 1945' = 03
'1946 to 1959' = 04
'1960 to 1969' = 05
'1970 to 1979' = 06
'1980 TO 1989' = 07
'1990 TO 1992' = 08
'1993 TO 1995' = 09
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
PBA6     'Principal building activity'
@ Columns 27- 28: 99 @
'Inapplicable' = 99
'Vacant' = 01
'Office/Professional' = 02
'Laboratory' = 04
'Warehouse (nonrefrig.)' = 05
'Food Sales' = 06
'Public order and safety' = 07
'Health care (Outpatient)' = 08
'Industrial processing/manufact.' = 09
'Agricultural purposes' = 10
'Warehouse (refrig.)' = 11
'Religious worship' = 12

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| | |
|--|------|
| 'Public assembly' | = 13 |
| 'Education' | = 14 |
| 'Food services (Restaurants)' | = 15 |
| 'Health care (Inpatient)' | = 16 |
| 'Nursing home' | = 17 |
| 'Lodging (Hotel/motel/dorm)' | = 18 |
| 'Residential' | = 19 |
| 'Indoor parking garage' | = 20 |
| 'Strip shopping' | = 23 |
| 'Enclosed shopping ctr/mall' | = 24 |
| 'Retail (exc mall)' | = 25 |
| 'Service (exc food)' | = 26 |
| 'Other' | = 91 |
| 'Don''t know' | = 98 |
| 'Not ascertained' | = 96 |
| ELUSED6 'Electricity used in 1995' | |
| @ Columns 30- 30: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| NGUSED6 'Natural gas used in 1995' | |
| @ Columns 32- 32: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| FKUSED6 'Fuel oil used in 1995' | |
| @ Columns 34- 34: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| PRUSED6 'Propane used in 1995' | |
| @ Columns 36- 36: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| PRHT16 'Propane used for main heating' | |
| @ Columns 38- 38: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |

```

PRHT26   'Propane used for secondary heating'
@ Columns 40- 40: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
PRCOOL6   'Propane used for cooling '
@ Columns 42- 42: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
PRWATR6   'Propane used for water heating '
@ Columns 44- 44: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
PRCOOK6   'Propane used for commercial cooking'
@ Columns 46- 46: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
PRMANU6   'Propane used for manufacturing '
@ Columns 48- 48: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
PRGENR6   'Propane used to generate electricity '
@ Columns 50- 50: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6
PROTH6    'Propane used for other use'
@ Columns 52- 52: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'            = 7
'Don''t know'        = 8
'Not ascertained'    = 6

```

```

STUSED6 'District steam used in 1995'
@ Columns 54- 54: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
HUSED6 'District hot water in 1995'
@ Columns 56- 56: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
CWUSED6 'District chill water in 1995'
@ Columns 58- 58: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
CWCOOL6 'District chill water used for cooling'
@ Columns 60- 60: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
CWOTH6 'District chill water used for other use'
@ Columns 62- 62: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
WOUSED6 'Wood used in 1995'
@ Columns 64- 64: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
WOHT16 'Wood used for main heating'
@ Columns 66- 66: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6

```

| | | |
|-------------------|-------------------------------------|-----|
| WOHT26 | 'Wood used for secondary heating ' | |
| @ Columns | 68- 68: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| WOWATR6 | 'Wood used for water heating ' | |
| @ Columns | 70- 70: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| WOCOOK6 | 'Wood used for commercial cooking' | |
| @ Columns | 72- 72: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| WOMANU6 | 'Wood used for manufacturing ' | |
| @ Columns | 74- 74: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| WOGENR6 | 'Wood used to generate electricity' | |
| @ Columns | 76- 76: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| WOOTH6 | 'Wood used for other use' | |
| @ Columns | 78- 78: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| COUSED6 | 'Coal used in 1995' | |
| @ Columns | 80- 80: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| COHT16 | 'Coal used for main heating ' | |
| @ Columns | 82- 82: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |

COHT26 'Coal used for secondary heating'
 @ Columns 84- 84: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

COWATR6 'Coal used for water heating '
 @ Columns 86- 86: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

COCOOK6 'Coal used for commercial cooking'
 @ Columns 88- 88: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

COMANU6 'Coal used for manufacturing '
 @ Columns 90- 90: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

COGENR6 'Coal used to generate electricity'
 @ Columns 92- 92: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

COOTH6 'Coal used for other use'
 @ Columns 94- 94: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

SOUSED6 'Active solar used in 1995'
 @ Columns 96- 96: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

SOHT16 'Active solar used for main heating'
 @ Columns 98- 98: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

SOHT26 'Active solar used for secondary heat'
 @ Columns 100- 100: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

SOWATR6 'Active solar used for water heating'
 @ Columns 102- 102: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

SOCOOK6 'Active solar for commercial cooking'
 @ Columns 104- 104: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

SOMANU6 'Active solar used for manufacturing'
 @ Columns 106- 106: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

SOGENR6 'Active solar to generate electricity'
 @ Columns 108- 108: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

SOOTH6 'Active solar used for other use'
 @ Columns 110- 110: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

OTUSED6 'Other energy source in 1995'
 @ Columns 112- 112: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

OTHT16 'Other energy used for main heating '
 @ Columns 114- 114: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

OTHT26 'Other energy used for secondary heat'
 @ Columns 116- 116: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 OTCOOL6 'Other energy used for cooling'
 @ Columns 118- 118: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 OTWATR6 'Other energy used for water heating'
 @ Columns 120- 120: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 OTCOOK6 'Other energy used for commercial cooking'
 @ Columns 122- 122: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 OTMANU6 'Other energy used for manufacturing'
 @ Columns 124- 124: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 OTGENR6 'Other energy to generate electricity'
 @ Columns 126- 126: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 OTOTH6 'Other energy used for other use'
 @ Columns 128- 128: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6
 PRAMTC6 '1995 propane consumption category'
 @ Columns 130- 131: 99 @
 'Inapplicable' = 99
 'Less than 100' = 01
 '100 to 499' = 02
 '500 to 999' = 03
 '1,000 or more' = 04
 'Don''t know' = 98
 'Not ascertained' = 96

PRAUNT6 'Unit of measure for propane amounts'

| | | | |
|-------------------|-----------|-----|-----|
| @ Columns | 133- 133: | 9 @ | |
| 'Inapplicable' | | | = 9 |
| 'Gallons' | | | = 1 |
| 'Pounds' | | | = 2 |
| 'Don''t know' | | | = 8 |
| 'Not ascertained' | | | = 6 |

PREXPC6 '1995 expend category for propane'

| | | | |
|------------------------|-----------|------|------|
| @ Columns | 135- 136: | 99 @ | |
| 'Inapplicable' | | | = 99 |
| 'None' | | | = 00 |
| '\$1 to \$100' | | | = 01 |
| '\$101 to \$500' | | | = 02 |
| '\$501 to \$1,000' | | | = 03 |
| '\$1,001 to \$2,000' | | | = 04 |
| '\$2,001 to \$5,000' | | | = 05 |
| '\$5,001 to \$10,000' | | | = 06 |
| '\$10,001 to \$20,000' | | | = 07 |
| 'Over \$20,000' | | | = 08 |
| 'Don''t know' | | | = 98 |
| 'Not ascertained' | | | = 96 |

WOLOGS6 'Wood used - roundwood or wood logs'

| | | | |
|-------------------|-----------|-----|-----|
| @ Columns | 138- 138: | 9 @ | |
| 'Inapplicable' | | | = 9 |
| 'Yes' | | | = 1 |
| 'No' | | | = 2 |
| 'Don''t know' | | | = 8 |
| 'Not ascertained' | | | = 6 |

WOSCRP6 'Wood used - wood waste or scraps'

| | | | |
|-------------------|-----------|-----|-----|
| @ Columns | 140- 140: | 9 @ | |
| 'Inapplicable' | | | = 9 |
| 'Yes' | | | = 1 |
| 'No' | | | = 2 |
| 'Don''t know' | | | = 8 |
| 'Not ascertained' | | | = 6 |

WOPELL6 'Wood used - wood pellets'

| | | | |
|-------------------|-----------|-----|-----|
| @ Columns | 142- 142: | 9 @ | |
| 'Inapplicable' | | | = 9 |
| 'Yes' | | | = 1 |
| 'No' | | | = 2 |
| 'Don''t know' | | | = 8 |
| 'Not ascertained' | | | = 6 |

WOAMTC6 '1995 consumption of wood category'

| | | | |
|----------------------|-----------|------|------|
| @ Columns | 144- 145: | 99 @ | |
| 'Inapplicable' | | | = 99 |
| 'Less than 1 cord' | | | = 01 |
| '1 to 9 cords' | | | = 02 |
| '10 to 20 cords' | | | = 03 |
| 'More than 20 cords' | | | = 04 |
| 'Don''t know' | | | = 98 |
| 'Not ascertained' | | | = 96 |

WOSRC6 'Wood purchased or provided free.'

| | | | |
|---------------------------|-----------|-----|-----|
| @ Columns | 147- 147: | 9 @ | |
| 'Inapplicable' | | | = 9 |
| 'Purchased' | | | = 1 |
| 'Provided free of charge' | | | = 2 |
| 'Both purchased and free' | | | = 3 |
| 'Don''t know' | | | = 8 |
| 'Not ascertained' | | | = 6 |

```

WOEXPC6 '1995 expend for wood category'
  @ Columns 149- 150: 99 @
    'Inapplicable' = 99
    'None' = 00
    '$100 or less' = 01
    '$101 to $500' = 02
    '$501 to $1,000' = 03
    '$1,001 to $2,000' = 04
    '$2,001 to $5,000' = 05
    '$5,001 to $10,000' = 06
    '$10,001 to $20,000' = 07
    'Over $20,000' = 08
    'Don''t know' = 98
    'Not ascertained' = 96
ADJWT6 'Adjusted weight '
  @ Columns 152- 159: 99999999 @
PAIR6 'Pair member '
  @ Columns 161- 161: 9 @
STRATUM6 'Variance '
  @ Columns 163- 164: 99 @

```

**Layout for File 7: Multibuilding Facilities, Fuel Switching,
and Special Space Functions
(BC95F07T.TXT & BC95F07D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> |
|----------------------|--|-----------------|
| BLDGID6 | Building identifier | 1- 5 |
| REGION6 | Census region | 7- 7 |
| CENDIV6 | Census division | 9- 9 |
| SQFT6 | Square footage | 11- 19 |
| SQFTC6 | Square footage category | 21- 22 |
| YRCONC6 | Year of construction category | 24- 25 |
| PBA6 | Principal building activity | 27- 28 |
| FACIL6 | Multibuilding facility or complex | 30- 30 |
| FACACT6 | Principal facility activity | 32- 33 |
| MANIND6 | Bldg. part of manu./industr. complex | 35- 36 |
| PLANT6 | Central physical plant on facility | 38- 38 |
| FACDHW6 | Central plant produces dist. hot water | 40- 40 |
| FACDST6 | Central plant produces district steam | 42- 42 |
| FACDCW6 | Central plant produces dist. chill water | 44- 44 |
| FACELC6 | Central plant produces electricity | 46- 46 |
| BLDPLT6 | Central plant in this building | 48- 48 |
| ELUSED6 | Electricity used in 1995 | 50- 50 |
| NGUSED6 | Natural gas used in 1995 | 52- 52 |
| FKUSED6 | Fuel oil used in 1995 | 54- 54 |
| STUSED6 | District steam used in 1995 | 56- 56 |
| HWUSED6 | District hot water used in 1995 | 58- 58 |
| SWITCH6 | Able to switch main heating fuel | 60- 60 |
| SWCHEL6 | Able to switch main heat to electricity | 62- 62 |
| SWCHNG6 | Able to switch main heat to natural gas | 64- 64 |
| SWCHFK6 | Able to switch main heat to fuel oil | 66- 66 |
| SWCHPR6 | Able to switch main heat to propane | 68- 68 |
| SWCHST6 | Able to switch main heat to steam | 70- 70 |
| SWCHHW6 | Able to switch main heat to hot water | 72- 72 |
| SWCHWO6 | Able to switch main heat to wood | 74- 74 |
| SWCHCO6 | Able to switch main heat to coal | 76- 76 |
| SWCHSO6 | Able to switch main heat to solar | 78- 78 |
| SWCHOT6 | Able to switch main heat to other | 80- 80 |
| FDRM6 | Space used commercial food preparation | 82- 82 |
| COMPRM6 | Computer room with separate A/C | 84- 84 |
| HWTRM6 | Space requiring large amounts hot water | 86- 86 |
| PCTERM6 | PCs/computer terminals in building | 88- 88 |
| PCTRMC6 | Number of PCs/computer terminals cat. | 90- 91 |
| ADJWT6 | Adjusted weight | 93- 100 |
| PAIR6 | Pair member | 102- 102 |
| STRATUM6 | Variance stratum | 104- 105 |

Variable Codes for File 7

```

BLDGID6  'Building identifier '
@ Columns 1- 5: 99999 @
REGION6  'Census Region '
@ Columns 7- 7: 9 @
'Northeast' = 1
'Midwest' = 2
'South' = 3
'West' = 4
CENDIV6  'Census Division '
@ Columns 9- 9: 9 @
'New England' = 1
'Middle Atlantic' = 2
'East North Central' = 3
'West North Central' = 4
'South Atlantic' = 5
'East South Central' = 6
'West South Central' = 7
'Mountain' = 8
'Pacific' = 9
SQFT6    'Square footage '
@ Columns 11- 19: 999999999 @
SQFTC6    'Square footage category'
@ Columns 21- 22: 99 @
'1,000 or less' = 01
'1,001 to 5,000' = 02
'5,001 to 10,000' = 03
'10,001 to 25,000' = 04
'25,001 to 50,000' = 05
'50,001 to 100,000' = 06
'100,001 to 200,000' = 07
'200,001 to 500,000' = 08
'500,001 to 1 million' = 09
'Over 1 million' = 10
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
YRCONC6  'Year construction was completed'
@ Columns 24- 25: 99 @
'1899 or before' = 01
'1900 to 1919' = 02
'1920 to 1945' = 03
'1946 to 1959' = 04
'1960 to 1969' = 05
'1970 to 1979' = 06
'1980 TO 1989' = 07
'1990 TO 1992' = 08
'1993 TO 1995' = 09
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
PBA6     'Principal building activity'
@ Columns 27- 28: 99 @
'Inapplicable' = 99
'Vacant' = 01
'Office/Professional' = 02
'Laboratory' = 04
'Warehouse (nonrefrig.)' = 05
'Food Sales' = 06
'Public order and safety' = 07
'Health care (Outpatient)' = 08
'Industrial processing/manufact.' = 09
'Agricultural purposes' = 10
'Warehouse (refrig.)' = 11
'Religious worship' = 12

```

| | |
|-------------------------------|------|
| 'Public assembly' | = 13 |
| 'Education' | = 14 |
| 'Food services (Restaurants)' | = 15 |
| 'Health care (Inpatient)' | = 16 |
| 'Nursing home' | = 17 |
| 'Lodging (Hotel/motel/dorm)' | = 18 |
| 'Residential' | = 19 |
| 'Indoor parking garage' | = 20 |
| 'Strip shopping' | = 23 |
| 'Enclosed shopping ctr/mall' | = 24 |
| 'Retail (exc mall)' | = 25 |
| 'Service (exc food)' | = 26 |
| 'Other' | = 91 |
| 'Don''t know' | = 98 |
| 'Not ascertained' | = 96 |

FACIL6 'Multibuilding facility or complex'

| | |
|-----------------------|-----|
| @ Columns 30- 30: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |

FACACT6 'Principal facility activity'

| | |
|--|------|
| @ Columns 32- 33: 99 @ | |
| 'Inapplicable' | = 99 |
| 'Primary or secondary school' | = 01 |
| 'College, university, or junior college' | = 02 |
| 'Other schools' | = 03 |
| 'Hospital or other health care' | = 04 |
| 'Manufacturing Industrial' | = 05 |
| 'Other Industrial' | = 06 |
| 'Transportation (airport, terminal, etc.)' | = 07 |
| 'Post Office' | = 08 |
| 'Prison' | = 09 |
| 'Other Government' | = 10 |
| 'Other' | = 91 |
| 'Don''t know' | = 98 |
| 'Not ascertained' | = 96 |

MANIND6 'Bldg part of manu./industr. complex'

| | |
|------------------------|-----|
| @ Columns 35- 36: 99 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |

PLANT6 'Central physical plant on facility'

| | |
|-----------------------|-----|
| @ Columns 38- 38: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |

FACDHW6 'Plant on multibld. prod. dist. hot wtr.'

| | |
|-----------------------|-----|
| @ Columns 40- 40: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |

| | | |
|--|---------|-----|
| FACDST6 'Plant on multibuild prod. dis. steam.' | | |
| @ Columns | 42- 42: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'dont know' | | = 8 |
| 'Not ascertained' | | = 6 |
| FACDCW6 'Plant on multibuild prod. chilled wtr.' | | |
| @ Columns | 44- 44: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| FACELC6 'Plant on multibuild prod. dist. elect.' | | |
| @ Columns | 46- 46: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| BLDPLT6 'Central plant in this building' | | |
| @ Columns | 48- 48: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| ELUSED6 'Electricity used in 1995' | | |
| @ Columns | 50- 50: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'No (revised)' | | = 3 |
| 'Not 1995' | | = 4 |
| 'Yes (revised)' | | = 5 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| NGUSED6 'Natural gas used in 1995' | | |
| @ Columns | 52- 52: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'No (revised)' | | = 3 |
| 'Not 1995' | | = 4 |
| 'Yes (revised)' | | = 5 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |
| FKUSED6 'Fuel oil used in 1995' | | |
| @ Columns | 54- 54: | 9 @ |
| 'Inapplicable' | | = 9 |
| 'Yes' | | = 1 |
| 'No' | | = 2 |
| 'No (revised)' | | = 3 |
| 'Not 1995' | | = 4 |
| 'Yes (revised)' | | = 5 |
| 'Refused' | | = 7 |
| 'Don''t know' | | = 8 |
| 'Not ascertained' | | = 6 |

```

STUSED6 'District steam used in 1995'
@ Columns 56- 56: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
HWUSED6 'District hot water in 1995'
@ Columns 58- 58: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
SWITCH6 'Able to switch main heating fuel '
@ Columns 60- 60: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
SWCHEL6 'Able to switch heat to electricity'
@ Columns 62- 62: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
SWCHNG6 'Able to switch heat to natural gas'
@ Columns 64- 64: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
SWCHFK6 'Able to switch heat to fuel oil'
@ Columns 66- 66: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
SWCHPR6 'Able to switch heat to propane'
@ Columns 68- 68: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6

```

SWCHST6 'Able to switch heat to steam'
 @ Columns 70- 70: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

SWCHHW6 'Able to switch heat to hot water'
 @ Columns 72- 72: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

SWCHW06 'Able to switch heat to wood'
 @ Columns 74- 74: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

SWCHC06 'Able to switch heat to coal'
 @ Columns 76- 76: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

SWCHS06 'Able to switch heat to solar'
 @ Columns 78- 78: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

SWCHOT6 'Able to switch heat to other'
 @ Columns 80- 80: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6

FDRM6 'Space in this bldg used for food prep.'
 @ Columns 82- 82: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Don''t know' = 8
 'Not ascertained' = 6

COMPRM6 'Computer room with separate A/C '
 @ Columns 84- 84: 9 @
 'Inapplicable' = 9
 'Yes' = 1
 'No' = 2
 'Refused' = 7
 'Don''t know' = 8
 'Not ascertained' = 6


```

HWTRM6 'Space req. large amounts of hot water.'
@ Columns 86- 86: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Don''t know' = 8
'Not ascertained' = 6
PCTERM6 'PC''s and/or computer terminals'
@ Columns 88- 88: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Don''t know' = 8
'Not ascertained' = 6
PCTRM6 'Number of PC''s category'
@ Columns 90- 91: 99 @
'Inapplicable' = 99
'1-4' = 01
'5-9' = 02
'10-19' = 03
'20-49' = 04
'50-99' = 05
'100-249' = 06
'250-499' = 07
'500-999' = 08
'1,000-2,499' = 09
'2,500-4,999' = 10
'5,000 or more' = 11
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 96
ADJWT6 'Adjusted weight '
@ Columns 93- 100: 99999999 @
PAIR6 'Pair member '
@ Columns 102- 102: 9 @
STRATUM6 'Variance '
@ Columns 104- 105: 99 @

```

**Layout for File 8: Lighting Percents, Lighting Equipment,
Conservation, and Renewable Energy Sources
(BC95F08T.TXT & BC95F08D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> | |
|----------------------|--|-----------------|-----|
| BLDGID6 | Building identifier | 1- | 5 |
| REGION6 | Census region | 7- | 7 |
| CENDIV6 | Census division | 9- | 9 |
| SQFT6 | Square footage | 11- | 19 |
| SQFTC6 | Square footage category | 21- | 22 |
| YRCONC6 | Year of construction category | 24- | 25 |
| PBA6 | Principal building activity | 27- | 28 |
| ELUSED6 | Electricity used in 1995 | 30- | 30 |
| NGUSED6 | Natural gas used in 1995 | 32- | 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- | 34 |
| STUSED6 | District steam used in 1995 | 36- | 36 |
| HWUSED6 | District hot water used in 1995 | 38- | 38 |
| LTOHRP6 | Percent lit during operating hours | 40- | 42 |
| LOHRPC6 | Pct. lit during operating hours category | 44- | 44 |
| LNHRPC6 | Percent lit during off-hours category | 46- | 46 |
| BULB6 | Incandescent bulbs used | 48- | 48 |
| BULBP6 | Percent lit by incandescent bulbs | 50- | 52 |
| FLUOR6 | Fluorescent lights used | 54- | 54 |
| FLUORP6 | Percent lit by fluorescent lights | 56- | 58 |
| CFLR6 | Compact fluorescent bulbs used | 60- | 60 |
| CFLRP6 | Pct. lit by compact fluorescent bulbs | 62- | 64 |
| HID6 | High-intensity discharge lights used | 66- | 66 |
| HIDP6 | Percent lit by HID lights | 68- | 70 |
| HALO6 | Halogen lights used | 72- | 72 |
| HALOP6 | Percent lit by halogen lights | 74- | 76 |
| OTLT6 | Any other lighting equipment used | 78- | 78 |
| OTLTP6 | Percent lit by other lighting equipment | 80- | 82 |
| SREF6 | Specular reflectors used | 84- | 84 |
| HEB6 | High-efficiency ballasts used | 86- | 86 |
| DAYCTL6 | Daylighting controls | 88- | 88 |
| OCSN6 | Occupancy sensors used | 90- | 90 |
| TMCK6 | Time clocks or timed switches used | 92- | 92 |
| MNLD6 | Manual dimmer switches used | 94- | 94 |
| OLCN6 | Other lighting conservation equip. used | 96- | 96 |
| VAV6 | Variable air volume (VAV) system | 98- | 98 |
| ECN6 | Economizer cycle | 100- | 100 |
| MAINT6 | Regular preventive maintenance program | 102- | 102 |
| OTHVAC6 | Other HVAC conservation program used | 104- | 104 |
| RIN6 | Roof or ceiling insulation | 106- | 106 |
| WIN6 | Exterior wall insulation | 108- | 108 |
| STW6 | Storm windows or doors | 110- | 110 |
| TRG6 | Tinted or reflective glass | 112- | 112 |
| AWN6 | Shadings or awnings | 114- | 114 |
| WHPG6 | Bldg. partic. DSM pgm: water heating | 116- | 116 |
| LCPG6 | Bldg. partic. DSM: dir elec load control | 118- | 118 |
| NGINTR6 | Interruptible natural gas service | 120- | 120 |
| EMCS6 | Energy management and control system | 122- | 122 |
| RATE6 | Special rates or incentives | 124- | 124 |
| EFMT6 | Efficient/variable speed motors | 126- | 126 |
| TSPG6 | Bldg. partic. DSM pgm: thermal storage | 128- | 128 |
| PHPG6 | Bldg. partic. DSM: process heat/cool | 130- | 130 |
| AUDIT6 | Energy audit performed since 1992 | 132- | 132 |
| MANAGE6 | Building has energy manager | 134- | 134 |
| RDHTNF6 | Reduction in heat off-hours | 136- | 136 |
| RDCLNF6 | Reduction in cooling off-hours | 138- | 138 |
| RDLTNF6 | Reduction in lighting off-hours | 140- | 140 |
| PASTEC6 | Building uses passive solar features | 142- | 142 |
| PHOVOL6 | Building uses photovoltaic cells | 144- | 144 |
| GEOTEC6 | Building uses geothermal energy | 146- | 146 |

| | | |
|----------|----------------------------------|----------|
| WNDTEC6 | Building uses wind generation | 148- 148 |
| WELTEC6 | Building uses well water cooling | 150- 150 |
| ADJWT6 | Adjusted weight | 152- 159 |
| PAIR6 | Pair member | 161- 161 |
| STRATUM6 | Variance stratum | 163- 164 |

Variable Codes for File 8

```

BLDGID6  'Building identifier '
  @ Columns 1- 5: 99999 @
REGION6  'Census Region '
  @ Columns 7- 7: 9 @
    'Northeast' = 1
    'Midwest' = 2
    'South' = 3
    'West' = 4
CENDIV6  'Census Division '
  @ Columns 9- 9: 9 @
    'New England' = 1
    'Middle Atlantic' = 2
    'East North Central' = 3
    'West North Central' = 4
    'South Atlantic' = 5
    'East South Central' = 6
    'West South Central' = 7
    'Mountain' = 8
    'Pacific' = 9
SQFT6    'Square footage '
  @ Columns 11- 19: 999999999 @
SQFTC6   'Square footage category'
  @ Columns 21- 22: 99 @
    '1,000 or less' = 01
    '1,001 to 5,000' = 02
    '5,001 to 10,000' = 03
    '10,001 to 25,000' = 04
    '25,001 to 50,000' = 05
    '50,001 to 100,000' = 06
    '100,001 to 200,000' = 07
    '200,001 to 500,000' = 08
    '500,001 to 1 million' = 09
    'Over 1 million' = 10
    'Refused' = 97
    'Don''t know' = 98
    'Not ascertained' = 99
YRCONC6  'Year construction was completed'
  @ Columns 24- 25: 99 @
    '1899 or before' = 01
    '1900 to 1919' = 02
    '1920 to 1945' = 03
    '1946 to 1959' = 04
    '1960 to 1969' = 05
    '1970 to 1979' = 06
    '1980 TO 1989' = 07
    '1990 TO 1992' = 08
    '1993 TO 1995' = 09
    'Refused' = 97
    'Don''t know' = 98
    'Not ascertained' = 99
PBA6     'Principal building activity'
  @ Columns 27- 28: 99 @
    'Inapplicable' = 99
    'Vacant' = 01
    'Office/Professional' = 02
    'Laboratory' = 04
    'Warehouse (nonrefrig.)' = 05
    'Food Sales' = 06
    'Public order and safety' = 07
    'Health care (Outpatient)' = 08
    'Industrial processing/manufact.' = 09
    'Agricultural purposes' = 10
    'Warehouse (refrig.)' = 11
    'Religious worship' = 12

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| | |
|---------------------------------------|------|
| 'Public assembly' | = 13 |
| 'Education' | = 14 |
| 'Food services (Restaurants)' | = 15 |
| 'Health care (Inpatient)' | = 16 |
| 'Nursing home' | = 17 |
| 'Lodging (Hotel/motel/dorm)' | = 18 |
| 'Residential' | = 19 |
| 'Indoor parking garage' | = 20 |
| 'Strip shopping' | = 23 |
| 'Enclosed shopping ctr/mall' | = 24 |
| 'Retail (exc mall)' | = 25 |
| 'Service (exc food)' | = 26 |
| 'Other' | = 91 |
| 'Don''t know' | = 98 |
| 'Not ascertained' | = 96 |
| ELUSED6 'Electricity used in 1995' | |
| @ Columns 30- 30: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| NGUSED6 'Natural gas used in 1995' | |
| @ Columns 32- 32: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| FKUSED6 'Fuel oil used in 1995' | |
| @ Columns 34- 34: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| STUSED6 'District steam used in 1995' | |
| @ Columns 36- 36: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |

```

HWUSED6  'District hot water in 1995'
@ Columns 38- 38: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
LTOHRP6  'Percent lit during operating hours'
@ Columns 40- 42: 999 @
LOHRPC6  'Percent lit during oper hours category'
@ Columns 44- 44: 9 @
'Inapplicable' = 9
'25% or less' = 1
'26 to 50%' = 2
'51 to 75%' = 3
'76 to 100%' = 4
'Don''t know' = 8
LNHRPC6  'Percent lit during off-hours category'
@ Columns 46- 46: 9 @
'Inapplicable' = 9
'0%' = 0
'25% or less' = 1
'26 to 50%' = 2
'51 to 75%' = 3
'76 to 100%' = 4
'Don''t know' = 8
'Not ascertained' = 6
BULB6    'Incandescent bulbs used '
@ Columns 48- 48: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
BULBP6   'Percent lit by incandescent bulbs '
@ Columns 50- 52: 999 @
FLUOR6   'Fluorescent lights used '
@ Columns 54- 54: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
FLUORP6  'Percent lit by fluorescent lights '
@ Columns 56- 58: 999 @
CFLR6    'Compact Fluorescent bulbs used '
@ Columns 60- 60: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
CFLRP6   'Percent lit by compact fluor bulbs'
@ Columns 62- 64: 999 @

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| | | |
|-----------|--|-----|
| HID6 | 'High-intensity discharge lights used' | |
| @ Columns | 66- 66: 9 @ | |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| HIDP6 | 'Percent lit by HID lights ' | |
| @ Columns | 68- 70: 999 @ | |
| HALO6 | 'Halogen lighting used' | |
| @ Columns | 72- 72: 9 @ | |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| HALOP6 | 'Percent lit by halogen lighting' | |
| @ Columns | 74- 76: 999 @ | |
| OTLT6 | 'Any other lighting equipment used' | |
| @ Columns | 78- 78: 9 @ | |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| OTLTP6 | 'Percent lit by other lighting equip' | |
| @ Columns | 80- 82: 999 @ | |
| SREF6 | 'Lighting system uses reflectors' | |
| @ Columns | 84- 84: 9 @ | |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| HEB6 | 'High-efficiency ballasts used' | |
| @ Columns | 86- 86: 9 @ | |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| DAYCTL6 | 'Daylighting controls' | |
| @ Columns | 88- 88: 9 @ | |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| OCSN6 | 'Occupancy sensors used' | |
| @ Columns | 90- 90: 9 @ | |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| TMCK6 | 'Time clocks or time switches used' | |
| @ Columns | 92- 92: 9 @ | |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |

```

MNLD6      'Manual dimmer switches used'
@ Columns  94- 94: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Don''t know'       = 8
'Not ascertained'   = 6
OLCN6      'Other lighting conservation equip used'
@ Columns  96- 96: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'           = 7
'Don''t know'       = 8
'Not ascertained'   = 6
VAV6       'Variable air volume (VAV) system'
@ Columns  98- 98: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'           = 7
'Don''t know'       = 8
'Not ascertained'   = 6
)
ECN6       'Economizer cycle'
@ Columns 100- 100: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'           = 7
'Don''t know'       = 8
'Not ascertained'   = 6
MAINT6     'Regular preventive maintenance program'
@ Columns 102- 102: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'           = 7
'Don''t know'       = 8
'Not ascertained'   = 6
OTHVAC6    'Other HVAC conservation used'
@ Columns 104- 104: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'           = 7
'Don''t know'       = 8
'Not ascertained'   = 6
RIN6       'Roof or ceiling insulation '
@ Columns 106- 106: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'           = 7
'Don''t know'       = 8
'Not ascertained'   = 6
WIN6       'Exterior wall insulation '
@ Columns 108- 108: 9 @
'Inapplicable'      = 9
'Yes'                = 1
'No'                 = 2
'Refused'           = 7
'Don''t know'       = 8
'Not ascertained'   = 6

```


| | | |
|-----------|--|-----|
| STW6 | 'Storm windows or doors ' | |
| @ Columns | 110- 110: | 9 @ |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| TRG6 | 'Tinted or reflective glass ' | |
| @ Columns | 112- 112: | 9 @ |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| AWN6 | 'Shadings or awnings ' | |
| @ Columns | 114- 114: | 9 @ |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| WHPG6 | 'Bldg partic. DSM pgm: water heating' | |
| @ Columns | 116- 116: | 9 @ |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| LCPG6 | 'Bldg partic. DSM: direc elec. load cntrl' | |
| @ Columns | 118- 118: | 9 @ |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| NGINTR6 | 'Interruptible natural gas program' | |
| @ Columns | 120- 120: | 9 @ |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| EMCS6 | 'Energy management and control system' | |
| @ Columns | 122- 122: | 9 @ |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |
| RATE6 | 'Special rates or incentives' | |
| @ Columns | 124- 124: | 9 @ |
| | 'Inapplicable' | = 9 |
| | 'Yes' | = 1 |
| | 'No' | = 2 |
| | 'Refused' | = 7 |
| | 'Don''t know' | = 8 |
| | 'Not ascertained' | = 6 |

```

EFMT6      'Efficient/variable speed motors'
@ Columns  126- 126:  9 @
'Inapplicable'          = 9
'Yes'                   = 1
'No'                    = 2
'Refused'               = 7
'Don''t know'           = 8
'Not ascertained'       = 6
TSPG6      'Bldg partic DSM:Thermal storage program.'
@ Columns  128- 128:  9 @
'Inapplicable'          = 9
'Yes'                   = 1
'No'                    = 2
'Refused'               = 7
'Don''t know'           = 8
'Not ascertained'       = 6
PHPG6      'Bldg partic DSM: heating/cooling prog.'
@ Columns  130- 130:  9 @
'Inapplicable'          = 9
'Yes'                   = 1
'No'                    = 2
'Refused'               = 7
'Don''t know'           = 8
'Not ascertained'       = 6
AUDIT6     'Energy audit performed since 1992'
@ Columns  132- 132:  9 @
'Yes'                   = 1
'No'                    = 2
'Don''t know'           = 8
'Not ascertained'       = 6
MANAGE6    'Building has energy manager'
@ Columns  134- 134:  9 @
'Inapplicable'          = 9
'Yes'                   = 1
'No'                    = 2
'Refused'               = 7
'Don''t know'           = 8
'Not ascertained'       = 6
RDHTNF6    'Reduction in heat off-hours '
@ Columns  136- 136:  9 @
'Inapplicable'          = 9
'Yes'                   = 1
'No'                    = 2
'Always in full use'    = 7
'Don''t know'           = 8
'Not ascertained'       = 6
RDCLNF6    'Reduction in cooling off-hours '
@ Columns  138- 138:  9 @
'Inapplicable'          = 9
'Yes'                   = 1
'No'                    = 2
'Always in full use'    = 7
'Don''t know'           = 8
'Not ascertained'       = 6
RDLTNF6    'Reduc. in lighting off-hours'
@ Columns  140- 140:  9 @
'Inapplicable'          = 9
'Yes'                   = 1
'No'                    = 2
'Don''t know'           = 8
'Not ascertained'       = 6

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PASTE6C6 'Passive solar used in building'
@ Columns 142- 142: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don't know' = 8
'Not ascertained' = 6
PHOVOL6 'Photovoltaic arrays used in building'
@ Columns 144- 144: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don't know' = 8
'Not ascertained' = 6
GEOTE6C6 'Geothermal present in building.'
@ Columns 146- 146: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don't know' = 8
'Not ascertained' = 6
WNDTE6C6 'Wind generation present in building.'
@ Columns 148- 148: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don't know' = 8
'Not ascertained' = 6
WELTE6C6 'Well water for cooling present in bldg.'
@ Columns 150- 150: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don't know' = 8
'Not ascertained' = 6
ADJW6T6 'Adjusted weight '
@ Columns 152- 159: 99999999 @
PAIR6 'Pair member '
@ Columns 161- 161: 9 @
STRATUM6 'Variance '
@ Columns 163- 164: 99 @

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**Layout for File 9: Imputation Flags for File 1
(BC95F09T.TXT & BC95F09D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> | |
|----------------------|--|-----------------|-----|
| BLDGID6 | Building identifier | 1- | 5 |
| REGION6 | Census region | 7- | 7 |
| CENDIV6 | Census division | 9- | 9 |
| SQFT6 | Square footage | 11- | 19 |
| SQFTC6 | Square footage category | 21- | 22 |
| YRCONC6 | Year of construction category | 24- | 25 |
| PBA6 | Principal building activity | 27- | 28 |
| ELUSED6 | Electricity used in 1995 | 30- | 30 |
| NGUSED6 | Natural gas used in 1995 | 32- | 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- | 34 |
| STUSED6 | District steam used in 1995 | 36- | 36 |
| HWUSED6 | District hot water used in 1995 | 38- | 38 |
| ADJWT6 | Adjusted weight | 40- | 47 |
| PAIR6 | Pair member | 49- | 49 |
| STRATUM6 | Variance stratum | 51- | 52 |
| ZSQFT6 | Imputed square footage | 54- | 54 |
| ZSQFTC6 | Imputed square footage category | 56- | 56 |
| ZNFLOOR6 | Imputed number of floors | 58- | 58 |
| ZATTWLS6 | Imputed num walls attached to other | 60- | 60 |
| ZYRCON6 | Imputed year constructed | 62- | 62 |
| ZMONCON6 | Imputed month construction completed | 64- | 64 |
| ZYRCONC6 | Imputed year constructed category | 66- | 66 |
| ZWLCNS6 | Imputed wall construction material | 68- | 68 |
| ZRFCNS6 | Imputed roof construction material | 70- | 70 |
| ZHT16 | Imputed main heating | 72- | 72 |
| ZHT26 | Imputed secondary heating | 74- | 74 |
| ZCOOL6 | Imputed cooling | 76- | 76 |
| ZWATR6 | Imputed water heating | 78- | 78 |
| ZCOOK6 | Imputed commercial cooking | 80- | 80 |
| ZMANU6 | Imputed manufacturing | 82- | 82 |
| ZGENR6 | Imputed electricity generation | 84- | 84 |
| ZELUSED6 | Imputed electricity used | 86- | 86 |
| ZNGUSED6 | Imputed natural gas used | 88- | 88 |
| ZFKUSED6 | Imputed fuel oil used | 90- | 90 |
| ZSTUSED6 | Imputed steam used | 92- | 92 |
| ZHWUSED6 | Imputed hot water used | 94- | 94 |
| ZHEATP6 | Imputed percent heated | 96- | 96 |
| ZHTLS506 | Imputed bldg heated to less than 50 deg | 98- | 98 |
| ZHEATPC6 | Imputed percent heated category | 100- | 100 |
| ZCOOLP6 | Imputed percent cooled | 102- | 102 |
| ZCOOLPC6 | Imputed percent cooled category | 104- | 104 |
| ZGOVOWN6 | Imputed owned by government agency | 106- | 106 |
| ZGOVTYP6 | Imputed type of government agency | 108- | 108 |
| ZNOCC6 | Imputed number of occupants | 110- | 110 |
| ZNOCCAT6 | Imputed number of occupants category | 112- | 112 |
| ZOWNOCC6 | Imputed owner occupied | 114- | 114 |
| ZPORVAC6 | Imputed space vacant at least 3 months | 116- | 116 |
| ZMONUSE6 | Imputed months in use past 12 months | 118- | 118 |
| ZOPNMF6 | Imputed typically open Mon. thru Fri. | 120- | 120 |
| ZOPNSAT6 | Imputed typically open on Saturdays | 122- | 122 |
| ZOPNSUN6 | Imputed typically open on Sundays | 124- | 124 |
| ZWKHRS6 | Imputed total weekly hours open | 126- | 126 |
| ZWKHRSC6 | Imputed total weekly hours open category | 128- | 128 |
| ZNWKER6 | Imputed number of workers | 130- | 130 |
| ZNWKERC6 | Imputed number of workers category | 132- | 132 |

**Layout for File 10: Imputation Flags for Files 2 and 7
(BC95F10T.TXT & BC95F10D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> | |
|----------------------|--|-----------------|-----|
| BLDGID6 | Building identifier | 1- | 5 |
| REGION6 | Census region | 7- | 7 |
| CENDIV6 | Census division | 9- | 9 |
| SQFT6 | Square footage | 11- | 19 |
| SQFTC6 | Square footage category | 21- | 22 |
| YRCONC6 | Year of construction category | 24- | 25 |
| PBA6 | Principal building activity | 27- | 28 |
| ELUSED6 | Electricity used in 1995 | 30- | 30 |
| NGUSED6 | Natural gas used in 1995 | 32- | 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- | 34 |
| STUSED6 | District steam used in 1995 | 36- | 36 |
| HWUSED6 | District hot water used in 1995 | 38- | 38 |
| ADJWT6 | Adjusted weight | 40- | 47 |
| PAIR6 | Pair member | 49- | 49 |
| STRATUM6 | Variance stratum | 51- | 52 |
| ZVACBA16 | Imputed 1st previous/intended activity | 54- | 54 |
| ZVACBA26 | Imputed 2nd previous/intended activity | 56- | 56 |
| ZRWSEAT6 | Imputed religious worship seating | 58- | 58 |
| ZPBSEAT6 | Imputed public assembly seating | 60- | 60 |
| ZEDSEAT6 | Imputed classroom seating | 62- | 62 |
| ZFDSEAT6 | Imputed food service seating | 64- | 64 |
| ZHCBED6 | Imputed licensed beds (hospitals) | 66- | 66 |
| ZNRSBED6 | Imputed licensed beds (nursing) | 68- | 68 |
| ZLODGRM6 | Imputed number of guest rooms | 70- | 70 |
| ZFACIL6 | Imputed multibuilding facility | 72- | 72 |
| ZFACACT6 | Imputed principal facility activity | 74- | 74 |
| ZMANIND6 | Imputed bldg. on manu.industr. complex | 76- | 76 |
| ZPLANT6 | Imputed facility with central plant | 78- | 78 |
| ZFACDHW6 | Imputed central plant produces hot water | 80- | 80 |
| ZFACDST6 | Imputed central plant produces steam | 82- | 82 |
| ZFACDCW6 | Imputed central plant produces chill wtr | 84- | 84 |
| ZFACELC6 | Imputed central plant produces elec | 86- | 86 |
| ZBLDPLT6 | Imputed central plant in building | 88- | 88 |
| ZSWITCH6 | Imputed ability to switch main heating | 90- | 90 |
| ZSWCHEL6 | Imputed able to switch heat to elec | 92- | 92 |
| ZSWCHNG6 | Imputed able to switch heat to nat gas | 94- | 94 |
| ZSWCHFK6 | Imputed able to switch heat to fuel oil | 96- | 96 |
| ZSWCHPR6 | Imputed able to switch heat to propane | 98- | 98 |
| ZSWCHST6 | Imputed able to switch heat to steam | 100- | 100 |
| ZSWCHHW6 | Imputed able to switch heat to hot wtr | 102- | 102 |
| ZSWCHWO6 | Imputed able to switch heat to wood | 104- | 104 |
| ZSWCHCO6 | Imputed able to switch heat to coal | 106- | 106 |
| ZSWCHSO6 | Imputed able to switch heat to solar | 108- | 108 |
| ZSWCHOT6 | Imputed able to switch heat to other | 110- | 110 |
| ZFDRM6 | Imputed commercial food preparation | 112- | 112 |
| ZCOMPRM6 | Imputed computer room with separate A/C | 114- | 114 |
| ZHWTRM6 | Imputed space requiring hot water | 116- | 116 |
| ZPCTERM6 | Imputed PCs/terminals in building | 118- | 118 |
| ZPCTRM6 | Imputed number of PCs/terminals cat. | 120- | 120 |

**Layout for File 11: Imputation Flags for File 3
(BC95F11T.TXT & BC95F11D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> | |
|----------------------|--|-----------------|-----|
| BLDGID6 | Building identifier | 1- | 5 |
| REGION6 | Census region | 7- | 7 |
| CENDIV6 | Census division | 9- | 9 |
| SQFT6 | Square footage | 11- | 19 |
| SQFTC6 | Square footage category | 21- | 22 |
| YRCONC6 | Year of construction category | 24- | 25 |
| PBA6 | Principal building activity | 27- | 28 |
| ELUSED6 | Electricity used in 1995 | 30- | 30 |
| NGUSED6 | Natural gas used in 1995 | 32- | 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- | 34 |
| STUSED6 | District steam used in 1995 | 36- | 36 |
| HWUSED6 | District hot water used in 1995 | 38- | 38 |
| ADJWT6 | Adjusted weight | 40- | 47 |
| PAIR6 | Pair member | 49- | 49 |
| STRATUM6 | Variance stratum | 51- | 52 |
| ZMAINHT6 | Imputed main equipment for heating | 54- | 54 |
| ZFURNAC6 | Imputed furnaces that heat air used | 56- | 56 |
| ZFURNP6 | Imputed pct. heated by furnace | 58- | 58 |
| ZFURNDC6 | Imputed furnace heat dist. by vents | 60- | 60 |
| ZFURNOT6 | Imputed furnace heat dist. by other | 62- | 62 |
| ZHTPMHP6 | Imputed heat pump used for heating | 64- | 64 |
| ZHTPHP6 | Imputed pct. heated by the heat pump | 66- | 66 |
| ZHTPHDC6 | Imputed heat pump heat dist. by vents | 68- | 68 |
| ZHTPHFC6 | Imputed heat pump heat dist. by fan-coil | 70- | 70 |
| ZHTPHDR6 | Imputed heat pump heats directly | 72- | 72 |
| ZHTPHOT6 | Imputed heat pump heat dist. by other | 74- | 74 |
| ZSLFCON6 | Imputed self-contained units used | 76- | 76 |
| ZSLFCNP6 | Imputed pct. heated by space heaters | 78- | 78 |
| ZSTHW6 | Imputed steam or hot water piped in | 80- | 80 |
| ZSTHWP6 | Imputed pct. heated by steam/hot water | 82- | 82 |
| ZSTHWBR6 | Imputed steam dist. by radiators/bboards | 84- | 84 |
| ZSTHWDC6 | Imputed steam distributed by vents | 86- | 86 |
| ZSTHWFC6 | Imputed steam distributed by fan-coil | 88- | 88 |
| ZSTHWOT6 | Imputed steam distributed by other | 90- | 90 |
| ZBOILER6 | Imputed boilers used | 92- | 92 |
| ZBOILP6 | Imputed pct. heated by boilers | 94- | 94 |
| ZBOILBR6 | Imputed boiler dist. radiators/bboards | 96- | 96 |
| ZBOILDC6 | Imputed boiler heat distributed by vents | 98- | 98 |
| ZBOILFC6 | Imputed boiler heat dist. by fan-coil | 100- | 100 |
| ZBOILOT6 | Imputed boiler heat distributed by other | 102- | 102 |
| ZPKGHT6 | Imputed packaged heating units used | 104- | 104 |
| ZPKGHP6 | Imputed pct. heated packaged heat units | 106- | 106 |
| ZPKGHDC6 | Imputed packaged heat dist. by vents | 108- | 108 |
| ZPKGHDR6 | Imputed packaged heat heats directly | 110- | 110 |
| ZPKGHOT6 | Imputed packaged heat dist. by other | 112- | 112 |
| ZOTHTEQ6 | Imputed other heating equipment used | 114- | 114 |
| ZOTHTP6 | Imputed pct. heated by other equipment | 116- | 116 |
| ZOTHTBR6 | Imputed other heat dist. radtrs/bboards | 118- | 118 |
| ZOTHTDC6 | Imputed other heat distributed by vents | 120- | 120 |
| ZOTHTFC6 | Imputed other heat dist. by fan-coil | 122- | 122 |
| ZOTHTDR6 | Imputed other heat heats directly | 124- | 124 |
| ZOTHTOT6 | Imputed other heat distributed by other | 126- | 126 |

**Layout for File 12: Imputation Flags for File 4
(BC95F12T.TXT & BC95F12D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> | |
|----------------------|--|-----------------|-----|
| BLDGID6 | Building identifier | 1- | 5 |
| REGION6 | Census region | 7- | 7 |
| CENDIV6 | Census division | 9- | 9 |
| SQFT6 | Square footage | 11- | 19 |
| SQFTC6 | Square footage category | 21- | 22 |
| YRCONC6 | Year of construction category | 24- | 25 |
| PBA6 | Principal building activity | 27- | 28 |
| ELUSED6 | Electricity used in 1995 | 30- | 30 |
| NGUSED6 | Natural gas used in 1995 | 32- | 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- | 34 |
| STUSED6 | District steam used in 1995 | 36- | 36 |
| HWUSED6 | District hot water used in 1995 | 38- | 38 |
| ADJWT6 | Adjusted weight | 40- | 47 |
| PAIR6 | Pair member | 49- | 49 |
| STRATUM6 | Variance stratum | 51- | 52 |
| ZMAINCL6 | Imputed main cooling equipment | 54- | 54 |
| ZRCAC6 | Imputed residential type central AC used | 56- | 56 |
| ZRCACP6 | Imputed pct. cooled by resid. central AC | 58- | 58 |
| ZRCACDC6 | Imputed central air distributed by vents | 60- | 60 |
| ZRCACOT6 | Imputed central air distributed by other | 62- | 62 |
| ZHTPMPC6 | Imputed heat pump used for cooling | 64- | 64 |
| ZHTPCP6 | Imputed pct. cooled by the heat pump | 66- | 66 |
| ZHTPCDC6 | Imputed heat pump cooling dist. by vents | 68- | 68 |
| ZHTPCDR6 | Imputed heat pump used to cool directly | 70- | 70 |
| ZHTPCOT6 | Imputed heat pump cooling dist. by other | 72- | 72 |
| ZACWNWL6 | Imputed individual air conditioners | 74- | 74 |
| ZACWNWP6 | Imputed pct. cooled by individual AC | 76- | 76 |
| ZCHWT6 | Imputed district chilled water piped in | 78- | 78 |
| ZCHWTP6 | Imputed pct. cooled dist. chilled water | 80- | 80 |
| ZCHWTF6 | Imputed chilled water dist. by fan-coil | 82- | 82 |
| ZCHWTD6 | Imputed chilled water dist. by vents | 84- | 84 |
| ZCHWTOT6 | Imputed chilled water dist. by other | 86- | 86 |
| ZCHILLR6 | Imputed central chillers used | 88- | 88 |
| ZCHILP6 | Imputed pct. cooled by central chillers | 90- | 90 |
| ZCHILFC6 | Imputed cent.chiller dist. by fan-coil | 92- | 92 |
| ZCHILDC6 | Imputed central chiller dist. by vents | 94- | 94 |
| ZCHILOT6 | Imputed central chiller dist. by other | 96- | 96 |
| ZPKGCL6 | Imputed packaged cooling units used | 98- | 98 |
| ZPKGCP6 | Imputed pct. packaged cooling units | 100- | 100 |
| ZPKGCD6 | Imputed packaged cooling dist. by vents | 102- | 102 |
| ZPKGCDR6 | Imputed packaged cooling cools directly | 104- | 104 |
| ZPKGOT6 | Imputed packaged cooling dist. by other | 106- | 106 |
| ZEVPCL6 | Imputed evaporative coolers used | 108- | 108 |
| ZEVPAP6 | Imputed pct. cooled by the evap. coolers | 110- | 110 |
| ZEVPFC6 | Imputed evap. coolers dist. by fan-coil | 112- | 112 |
| ZEVPDC6 | Imputed evap. coolers dist. by vents | 114- | 114 |
| ZEVPOT6 | Imputed evap. coolers dist. by other | 116- | 116 |
| ZOTCLEQ6 | Imputed other cooling equipment used | 118- | 118 |
| ZOTCLP6 | Imputed pct. cooled by other cooling | 120- | 120 |
| ZOTCLFC6 | Imputed other cooling dist. by fan-coil | 122- | 122 |
| ZOTCLDC6 | Imputed other cooling dist. by vents | 124- | 124 |
| ZOTCLDR6 | Imputed other cooling cools directly | 126- | 126 |
| ZOTCLOT6 | Imputed other cooling dist. by other | 128- | 128 |
| ZRFGQP6 | Imputed commercial refrig./freezer equip | 130- | 130 |
| ZRFGWI6 | Imputed refrig./freezer walk-in units | 132- | 132 |
| ZRFGWIN6 | Imputed number of walk-in units | 134- | 134 |
| ZRFGOP6 | Imputed open refr/freez cases/cabinets | 136- | 136 |
| ZRFGOPN6 | Imputed number of open cases/cabinets | 138- | 138 |
| ZRFGCL6 | Imputed closed refr/freez cases/cabinets | 140- | 140 |
| ZRFGCLN6 | Imputed number of closed cases/cabinets | 142- | 142 |
| ZWTHTEQ6 | Imputed type of water heating system | 144- | 144 |

| | | |
|----------|--|----------|
| ZHTPWH6 | Imputed heat pump water heater used | 146- 146 |
| ZHTPWON6 | Imputed only heat pump used for wtr heat | 148- 148 |

**Layout for File 13: Imputation Flags for File 5
(BC95F13T.TXT & BC95F13D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> |
|----------------------|--|-----------------|
| BLDGID6 | Building identifier | 1- 5 |
| REGION6 | Census region | 7- 7 |
| CENDIV6 | Census division | 9- 9 |
| SQFT6 | Square footage | 11- 19 |
| SQFTC6 | Square footage category | 21- 22 |
| YRCONC6 | Year of construction category | 24- 25 |
| PBA6 | Principal building activity | 27- 28 |
| ELUSED6 | Electricity used in 1995 | 30- 30 |
| NGUSED6 | Natural gas used in 1995 | 32- 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- 34 |
| STUSED6 | District steam used in 1995 | 36- 36 |
| HWUSED6 | District hot water used in 1995 | 38- 38 |
| ADJWT6 | Adjusted weight | 40- 47 |
| PAIR6 | Pair member | 49- 49 |
| STRATUM6 | Variance stratum | 51- 52 |
| ZELHT16 | Imputed electricity for main heating | 54- 54 |
| ZELHT26 | Imputed electricity for 2ndary heating | 56- 56 |
| ZELCOOL6 | Imputed electricity for cooling | 58- 58 |
| ZELWATR6 | Imputed electricity for water heating | 60- 60 |
| ZELCOOK6 | Imputed electricity for cooking | 62- 62 |
| ZELMANU6 | Imputed electricity for manufacturing | 64- 64 |
| ZNGHT16 | Imputed natural gas for main heating | 66- 66 |
| ZNGHT26 | Imputed natural gas for 2ndary heating | 68- 68 |
| ZNGCOOL6 | Imputed natural gas for cooling | 70- 70 |
| ZNGWATR6 | Imputed natural gas for water heating | 72- 72 |
| ZNGCOOK6 | Imputed natural gas for coooking | 74- 74 |
| ZNGMANU6 | Imputed natural gas for manufacturing | 76- 76 |
| ZNGGENR6 | Imputed natural gas to generate elec | 78- 78 |
| ZNGOTH6 | Imputed natural gas for other use | 80- 80 |
| ZFKHT16 | Imputed fuel oil for main heating | 82- 82 |
| ZFKHT26 | Imputed fuel oil for 2ndary heating | 84- 84 |
| ZFKCOOL6 | Imputed fuel oil for cooling | 86- 86 |
| ZFKWATR6 | Imputed fuel oil for water heating | 88- 88 |
| ZFKCOOK6 | Imputed fuel oil for coooking | 90- 90 |
| ZFKMANU6 | Imputed fuel oil for manufacturing | 92- 92 |
| ZFKGENR6 | Imputed fuel oil to generate electricity | 94- 94 |
| ZFKOTH6 | Imputed fuel oil for other use | 96- 96 |
| ZSTHT16 | Imputed steam for main heating | 98- 98 |
| ZSTHT26 | Imputed steam for 2ndary heating | 100- 100 |
| ZSTCOOL6 | Imputed steam for cooling | 102- 102 |
| ZSTWATR6 | Imputed steam for water heating | 104- 104 |
| ZSTCOOK6 | Imputed steam for cooking | 106- 106 |
| ZSTMANU6 | Imputed steam for manufacturing | 108- 108 |
| ZSTOTH6 | Imputed steam for other use | 110- 110 |
| ZHWHT16 | Imputed hot water for main heating | 112- 112 |
| ZHWHT26 | Imputed hot water for 2ndary heating | 114- 114 |
| ZHWCOOL6 | Imputed hot water for cooling | 116- 116 |
| ZHWWATR6 | Imputed hot water for water heating | 118- 118 |
| ZHWCOOK6 | Imputed hot water for cooking | 120- 120 |
| ZHWMANU6 | Imputed hot water for manufacturing | 122- 122 |
| ZHWOTH6 | Imputed hot water for other use | 124- 124 |
| ZGENER6 | Imputed electric generating capability | 126- 126 |
| ZGENUSE6 | Imputed primary use of generators | 128- 128 |
| ZCOGEN6 | Imputed cogeneration system | 130- 130 |
| ZGRID6 | Imputed connected to grid | 132- 132 |
| ZGENBLD6 | Imputed generated elec consumed in bldg. | 134- 134 |
| ZGENUTL6 | Imputed generated elec deliv. utility | 136- 136 |
| ZGENOTB6 | Imputed gener. elec deliv. other bldg. | 138- 138 |
| ZGENOFF6 | Imputed no electricity generated in 1992 | 140- 140 |
| ZELEXP6 | Imputed expend. for elec category | 142- 142 |

| | | |
|----------|--|----------|
| ZELUTPC6 | Imputed elec. from utility pct. category | 144- 144 |
| ZELIP6 | Imputed elec. from indep. power producer | 146- 146 |
| ZELIPPC6 | Imputed elec., indep. prod. pct. cat. | 148- 148 |
| ZNGEXPC6 | Imputed expend. for natural gas category | 150- 150 |
| ZTRNSGS6 | Imputed building uses transportation gas | 152- 152 |
| ZFKEXPC6 | Imputed expend. for fuel oil category | 154- 154 |
| ZTOTCAP6 | Imputed total tank capacity (gallons) | 156- 156 |

**Layout for File 14: Imputation Flags for File 6
(BC95F14T.TXT & BC95F14D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> | |
|----------------------|---|-----------------|-----|
| BLDGID6 | Building identifier | 1- | 5 |
| REGION6 | Census region | 7- | 7 |
| CENDIV6 | Census division | 9- | 9 |
| SQFT6 | Square footage | 11- | 19 |
| SQFTC6 | Square footage category | 21- | 22 |
| YRCONC6 | Year of construction category | 24- | 25 |
| PBA6 | Principal building activity | 27- | 28 |
| ELUSED6 | Electricity used in 1995 | 30- | 30 |
| NGUSED6 | Natural gas used in 1995 | 32- | 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- | 34 |
| STUSED6 | District steam used in 1995 | 36- | 36 |
| HWUSED6 | District hot water used in 1995 | 38- | 38 |
| ADJWT6 | Adjusted weight | 40- | 47 |
| PAIR6 | Pair member | 49- | 49 |
| STRATUM6 | Variance stratum | 51- | 52 |
| ZPRUSED6 | Imputed propane used | 54- | 54 |
| ZPRHT16 | Imputed propane for main heating | 56- | 56 |
| ZPRHT26 | Imputed propane for 2ndary heating | 58- | 58 |
| ZPRCOOL6 | Imputed propane for cooling | 60- | 60 |
| ZPRWATR6 | Imputed propane for water heating | 62- | 62 |
| ZPRCOOK6 | Imputed propane for coooking | 64- | 64 |
| ZPRMANU6 | Imputed propane for manufacturing | 66- | 66 |
| ZPRGENR6 | Imputed propane to generate electricity | 68- | 68 |
| ZPROTH6 | Imputed propane for other use | 70- | 70 |
| ZCWUSED6 | Imputed chilled water used | 72- | 72 |
| ZCWCOOL6 | Imputed chilled water for cooling | 74- | 74 |
| ZCWOTH6 | Imputed chilled water for other use | 76- | 76 |
| ZWOUSED6 | Imputed wood used | 78- | 78 |
| ZWOHT16 | Imputed wood for main heating | 80- | 80 |
| ZWOHT26 | Imputed wood for secondary heat | 82- | 82 |
| ZWOWATR6 | Imputed wood for water heating | 84- | 84 |
| ZWOCOOK6 | Imputed wood for coooking | 86- | 86 |
| ZWOMANU6 | Imputed wood for manufacturing | 88- | 88 |
| ZWOGENR6 | Imputed wood to generate electricity | 90- | 90 |
| ZWOOTH6 | Imputed wood for other use | 92- | 92 |
| ZCOUSED6 | Imputed coal used | 94- | 94 |
| ZCOHT16 | Imputed coal for main heating | 96- | 96 |
| ZCOHT26 | Imputed coal for 2ndary heating | 98- | 98 |
| ZCOWATR6 | Imputed coal for water heating | 100- | 100 |
| ZCOCOOK6 | Imputed coal for coooking | 102- | 102 |
| ZCOMANU6 | Imputed coal for manufacturing | 104- | 104 |
| ZCOGENR6 | Imputed coal to generate electricity | 106- | 106 |
| ZCOOTH6 | Imputed coal for other use | 108- | 108 |
| ZSOUSED6 | Imputed active solar used | 110- | 110 |
| ZSOHT16 | Imputed solar for main heating | 112- | 112 |
| ZSOHT26 | Imputed solar for 2ndary heating | 114- | 114 |
| ZSOWATR6 | Imputed solar for water heating | 116- | 116 |
| ZSOCOOK6 | Imputed solar for coooking | 118- | 118 |
| ZSOMANU6 | Imputed solar for manufacturing | 120- | 120 |
| ZSOGENR6 | Imputed solar to generate electricity | 122- | 122 |
| ZSOOTH6 | Imputed solar for other use | 124- | 124 |
| ZOTUSED6 | Imputed other energy source used | 126- | 126 |
| ZOTHT16 | Imputed other energy for main heating | 128- | 128 |
| ZOTHT26 | Imputed other energy for 2ndary heating | 130- | 130 |
| ZOTCOOL6 | Imputed other energy for cooling | 132- | 132 |
| ZOTWATR6 | Imputed other energy for water heating | 134- | 134 |
| ZOTCOOK6 | Imputed other energy for cooking | 136- | 136 |
| ZOTMANU6 | Imputed other energy for manufacturing | 138- | 138 |
| ZOTGENR6 | Imputed other energy to generate elec | 140- | 140 |
| ZOTOTH6 | Imputed other energy for other use | 142- | 142 |
| ZPRAMTC6 | Imputed consumption of propane category | 144- | 144 |

| | | |
|----------|--|----------|
| ZPRAUNT6 | Imputed unit for propane amounts | 146- 146 |
| ZPREXPC6 | Imputed expend. for propane category | 148- 148 |
| ZWOLOGS6 | Imputed wood used: logs | 150- 150 |
| ZWOSCRP6 | Imputed wood used: wood scraps | 152- 152 |
| ZWOPELL6 | Imputed wood used: pellets | 154- 154 |
| ZWOAMTC6 | Imputed consumption of wood category | 156- 156 |
| ZWOSRC6 | Imputed wood purchased or free of charge | 158- 158 |
| ZWOEXPC6 | Imputed expend. for wood category | 160- 160 |

**Layout for File 15: Imputation Flags for File 8
(BC95F15T.TXT & BC95F15D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> | |
|----------------------|--|-----------------|-----|
| BLDGID6 | Building identifier | 1- | 5 |
| REGION6 | Census region | 7- | 7 |
| CENDIV6 | Census division | 9- | 9 |
| SQFT6 | Square footage | 11- | 19 |
| SQFTC6 | Square footage category | 21- | 22 |
| YRCONC6 | Year of construction category | 24- | 25 |
| PBA6 | Principal building activity | 27- | 28 |
| ELUSED6 | Electricity used in 1995 | 30- | 30 |
| NGUSED6 | Natural gas used in 1995 | 32- | 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- | 34 |
| STUSED6 | District steam used in 1995 | 36- | 36 |
| HWUSED6 | District hot water used in 1995 | 38- | 38 |
| ADJWT6 | Adjusted weight | 40- | 47 |
| PAIR6 | Pair member | 49- | 49 |
| STRATUM6 | Variance stratum | 51- | 52 |
| ZLTOHRP6 | Imputed percent lit | 54- | 54 |
| ZLOHRPC6 | Imputed percent lit category | 56- | 56 |
| ZLNHRPC6 | Imputed percent lit off-hours category | 58- | 58 |
| ZBULB6 | Imputed incandescent bulbs | 60- | 60 |
| ZBULBP6 | Imputed percent lit by incandescent bulb | 62- | 62 |
| ZFLUOR6 | Imputed fluorescent lights | 64- | 64 |
| ZFLUORP6 | Imputed percent lit by fluorescent lites | 66- | 66 |
| ZCFLR6 | Imputed compact fluorescent bulbs used | 68- | 68 |
| ZCFLRP6 | Imputed pct. lit by compact fluorescents | 70- | 70 |
| ZHID6 | Imputed high-intensity discharge lights | 72- | 72 |
| ZHIDP6 | Imputed percent lit by HID lights | 74- | 74 |
| ZHALO6 | Imputed halogen lights used | 76- | 76 |
| ZHALOP6 | Imputed percent lit by halogen lights | 78- | 78 |
| ZOTLT6 | Imputed any other lighting equipment | 80- | 80 |
| ZOTLTP6 | Imputed percent other lighting equipment | 82- | 82 |
| ZSREF6 | Imputed specular reflectors used | 84- | 84 |
| ZHEB6 | Imputed use electronic ballast | 86- | 86 |
| ZDAYCTL6 | Imputed daylighting controls | 88- | 88 |
| ZOCSN6 | Imputed occupancy sensors used | 90- | 90 |
| ZTMCK6 | Imputed time clocks/timed switches used | 92- | 92 |
| ZMNL6 | Imputed manual dimmer switches used | 94- | 94 |
| ZOLCN6 | Imputed other light conserv. equip. used | 96- | 96 |
| ZVAV6 | Imputed VAV system | 98- | 98 |
| ZECN6 | Imputed economizer cycle | 100- | 100 |
| ZMAINT6 | Imputed regular maintenance program | 102- | 102 |
| ZOTHVAC6 | Imputed other HVAC pgm. used | 104- | 104 |
| ZRIN6 | Imputed roof or ceiling insulation | 106- | 106 |
| ZWIN6 | Imputed exterior wall insulation | 108- | 108 |
| ZSTW6 | Imputed storm windows/doors | 110- | 110 |
| ZTRG6 | Imputed tinted/reflective glass | 112- | 112 |
| ZAWN6 | Imputed shadings or awnings | 114- | 114 |
| ZWHPG6 | Imputed bldg. partic. DSM: water heating | 116- | 116 |
| ZLCPG6 | Imputed bldg. partic. DSM: load control | 118- | 118 |
| ZNGINTR6 | Imputed interruptible service (nat. gas) | 120- | 120 |
| ZEMCS6 | Imputed EMCS | 122- | 122 |
| ZRATE6 | Imputed special rates or incentives | 124- | 124 |
| ZEFMT6 | Imputed efficient/variable speed motors | 126- | 126 |
| ZTSPG6 | Imputed bldg. partic. DSM pgm:TES | 128- | 128 |
| ZPHPG6 | Imputed bldg partic DSM: proc heat/cool | 130- | 130 |
| ZAUDIT6 | Imputed energy audit performed | 132- | 132 |
| ZMANAGE6 | Imputed building has energy manager | 134- | 134 |
| ZRDHTNF6 | Imputed reduced heating off-hours | 136- | 136 |
| ZRDCLNF6 | Imputed reduced cooling off-hours | 138- | 138 |
| ZRDLTNF6 | Imputed reduced lighting off-hours | 140- | 140 |
| ZPASTEC6 | Imputed bldg. uses passive solar | 142- | 142 |
| ZPHOVOL6 | Imputed building uses photovoltaic cells | 144- | 144 |

| | | |
|----------|---------------------------------------|----------|
| ZGEOTEC6 | Imputed bldg. uses geothermal energy | 146- 146 |
| ZWNDTEC6 | Imputed bldg. uses wind generation | 148- 148 |
| ZWELTEC6 | Imputed bldg. uses well water cooling | 150- 150 |

**Layout for File 16: Electricity and Sum of Major Fuels
(CE95F16T.TXT & CE95F16D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> |
|----------------------|---------------------------------------|-----------------|
| BLDGID6 | Building identifier | 1- 5 |
| REGION6 | Census region | 7- 7 |
| CENDIV6 | Census division | 9- 9 |
| SQFT6 | Square footage | 11- 19 |
| SQFTC6 | Square footage category | 21- 22 |
| YRCONC6 | Year of construction category | 24- 25 |
| PBA6 | Principal building activity | 27- 28 |
| ELUSED6 | Electricity used in 1995 | 30- 30 |
| NGUSED6 | Natural gas used in 1995 | 32- 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- 34 |
| STUSED6 | District steam used in 1995 | 36- 36 |
| HWUSED6 | District hot water used in 1995 | 38- 38 |
| ADJWT6 | Adjusted weight | 40- 47 |
| PAIR6 | Pair member | 49- 49 |
| STRATUM6 | Variance stratum | 51- 52 |
| ELCNS6 | Annual electricity consumption (kWh) | 54- 64 |
| ELBTU6 | Annual electricity consumption (mBtu) | 66- 79 |
| ELEXP6 | Annual electricity expenditures | 81- 89 |
| ZELCNS6 | Electricity consumption imputation | 91- 91 |
| ZELEXP6 | Electricity expenditures imputation | 93- 93 |
| MFBTU6 | Annual major fuel consumption (mBtu) | 95- 108 |
| MFEXP6 | Annual major fuel expenditures | 110- 118 |
| ZMFBTU6 | <50% major fuel consumption imputed | 120- 120 |
| ZMFEXP6 | <50% major fuel expenditures imputed | 122- 122 |
| DEMMTR6 | Electricity demand-metering | 124- 124 |
| SEASON6 | Season of peak load | 126- 126 |
| PEAK6 | Peak annual load (old name) | 128- 133 |
| LOADFAC6 | Annual load factor | 135- 139 |
| PEAKS6 | Peak summer load | 141- 146 |
| AVGPKS6 | Average summer peak load | 148- 153 |
| AVGLFS6 | Average summer load factor | 155- 159 |
| PEAKW6 | Peak winter load | 161- 166 |
| AVGPKW6 | Average winter peak load | 168- 173 |
| AVGLFW6 | Average winter load factor | 175- 179 |
| ZDEMMTR6 | Imputed demand-metering | 181- 181 |
| ZSEASON6 | Imputed season of peak load | 183- 183 |
| ZDEMAND6 | Imputed peak annual load | 185- 185 |
| ZPEAK6 | Imputed peak annual load (old name) | 187- 187 |

Variable Codes for File 16

```

BLDGID6  'Building identifier '
@ Columns 1- 5: 99999 @
REGION6  'Census Region '
@ Columns 7- 7: 9 @
'Northeast' = 1
'Midwest' = 2
'South' = 3
'West' = 4
CENDIV6  'Census Division '
@ Columns 9- 9: 9 @
'New England' = 1
'Middle Atlantic' = 2
'East North Central' = 3
'West North Central' = 4
'South Atlantic' = 5
'East South Central' = 6
'West South Central' = 7
'Mountain' = 8
'Pacific' = 9
SQFT6    'Square footage '
@ Columns 11- 19: 999999999 @
SQFTC6   'Square footage category'
@ Columns 21- 22: 99 @
'1,000 or less' = 01
'1,001 to 5,000' = 02
'5,001 to 10,000' = 03
'10,001 to 25,000' = 04
'25,001 to 50,000' = 05
'50,001 to 100,000' = 06
'100,001 to 200,000' = 07
'200,001 to 500,000' = 08
'500,001 to 1 million' = 09
'Over 1 million' = 10
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
YRCONC6  'Year construction was completed'
@ Columns 24- 25: 99 @
'1899 or before' = 01
'1900 to 1919' = 02
'1920 to 1945' = 03
'1946 to 1959' = 04
'1960 to 1969' = 05
'1970 to 1979' = 06
'1980 TO 1989' = 07
'1990 TO 1992' = 08
'1993 TO 1995' = 09
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
PBA6     'Principal building activity'
@ Columns 27- 28: 99 @
'Inapplicable' = 99
'Vacant' = 01
'Office/Professional' = 02
'Laboratory' = 04
'Warehouse (nonrefrig.)' = 05
'Food Sales' = 06
'Public order and safety' = 07
'Health care (Outpatient)' = 08
'Industrial processing/manufact.' = 09
'Agricultural purposes' = 10
'Warehouse (refrig.)' = 11
'Religious worship' = 12

```


| | |
|---------------------------------------|------|
| 'Public assembly' | = 13 |
| 'Education' | = 14 |
| 'Food services (Restaurants)' | = 15 |
| 'Health care (Inpatient)' | = 16 |
| 'Nursing home' | = 17 |
| 'Lodging (Hotel/motel/dorm)' | = 18 |
| 'Residential' | = 19 |
| 'Indoor parking garage' | = 20 |
| 'Strip shopping' | = 23 |
| 'Enclosed shopping ctr/mall' | = 24 |
| 'Retail (exc mall)' | = 25 |
| 'Service (exc food)' | = 26 |
| 'Other' | = 91 |
| 'Don''t know' | = 98 |
| 'Not ascertained' | = 96 |
| ELUSED6 'Electricity used in 1995' | |
| @ Columns 30- 30: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| NGUSED6 'Natural gas used in 1995' | |
| @ Columns 32- 32: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| FKUSED6 'Fuel oil used in 1995' | |
| @ Columns 34- 34: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| STUSED6 'District steam used in 1995' | |
| @ Columns 36- 36: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |

```

HWUSED6 'District hot water in 1995'
@ Columns 38- 38: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
ADJWT6 'Adjusted weight '
@ Columns 40- 47: 99999999 @
PAIR6 'Pair member '
@ Columns 49- 49: 9 @
STRATUM6 'Variance '
@ Columns 51- 52: 99 @
ELCNS6 'Annual electricity consumption (KWh)'
@ Columns 54- 64: 9999999999 @
ELBTU6 'Annual electricity consumption (mBtu)'
@ Columns 66- 79: 99999999999999 @
ELEXP6 'Annual electricity expenditures'
@ Columns 81- 89: 999999999 @
ZELCNS6 'Electricity consumption imputation'
@ Columns 91- 91: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Missing' = 8
ZELEXP6 'Electricity expenditure imputation'
@ Columns 93- 93: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Missing' = 8
MFBTU6 'Annual major fuel consumption (mBtu)'
@ Columns 95- 108: 99999999999999 @
MFEXP6 'Annual major fuel expenditures'
@ Columns 110- 118: 999999999 @
ZMFBTU6 '<50% major fuel consumpt. imputed'
@ Columns 120- 120: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
ZMFEXP6 '<50% major fuel expendit. imputed'
@ Columns 122- 122: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6

```

```

DEMMTR6 'Electricity demand-metering'
  @ Columns 124- 124: 9 @
  'Inapplicable' = 9
  'Yes' = 1
  'No' = 2
  'Refused' = 7
  'Don''t know' = 8
  'Not ascertained' = 6
SEASON6 'Season of peak load'
  @ Columns 126- 126: 9 @
  'Inapplicable' = 9
  'Summer' = 1
  'Winter' = 2
  'Summer & winter' = 3
  'Refused' = 7
  'Unknown' = 8
  'Missing' = 6
PEAK6 'Peak annual load (old name)'
  @ Columns 128- 133: 999999 @
LOADFAC6 'Annual load factor'
  @ Columns 135- 139: 99999 @
PEAKS6 'Peak summer load'
  @ Columns 141- 146: 999999 @
AVGPKS6 'Average summer peak load'
  @ Columns 148- 153: 999999 @
AVGLFS6 'Average summer load factor'
  @ Columns 155- 159: 99999 @
PEAKW6 'Peak winter load'
  @ Columns 161- 166: 999999 @
AVGPKW6 'Average winter peak load'
  @ Columns 168- 173: 999999 @
AVGLFW6 'Average winter load factor'
  @ Columns 175- 179: 99999 @
ZDEMMTR6 'Imputed demand-metering'
  @ Columns 181- 181: 9 @
  'Inapplicable' = 9
  'Imputed' = 1
  'Reported' = 0
  'Missing' = 8
ZSEASON6 'Imputed season of peak load'
  @ Columns 183- 183: 9 @
  'Inapplicable' = 9
  'Imputed' = 1
  'Reported' = 0
  'Missing' = 8
ZDEMAND6 'Imputed peak annual load'
  @ Columns 185- 185: 9 @
  'Inapplicable' = 9
  'Imputed' = 1
  'Reported' = 0
  'Missing' = 8
ZPEAK6 'Imputed peak annual load (old name)'
  @ Columns 187- 187: 9 @
  'Inapplicable' = 9
  'Imputed' = 1
  'Reported' = 0
  'Missing' = 8

```

**Layout for File 17: Natural Gas
(CE95F17T.TXT & CE95F17D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> |
|----------------------|---------------------------------------|-----------------|
| BLDGID6 | Building identifier | 1- 5 |
| REGION6 | Census region | 7- 7 |
| CENDIV6 | Census division | 9- 9 |
| SQFT6 | Square footage | 11- 19 |
| SQFTC6 | Square footage category | 21- 22 |
| YRCONC6 | Year of construction category | 24- 25 |
| PBA6 | Principal building activity | 27- 28 |
| ELUSED6 | Electricity used in 1995 | 30- 30 |
| NGUSED6 | Natural gas used in 1995 | 32- 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- 34 |
| STUSED6 | District steam used in 1995 | 36- 36 |
| HWUSED6 | District hot water used in 1995 | 38- 38 |
| ADJWT6 | Adjusted weight | 40- 47 |
| PAIR6 | Pair member | 49- 49 |
| STRATUM6 | Variance stratum | 51- 52 |
| UGCNS6 | Annual utility gas consumption (ccf) | 54- 64 |
| UGBTU6 | Annual utility gas consumption (mBtu) | 66- 79 |
| UGEXP6 | Annual utility gas expenditures | 81- 89 |
| ZUGCNS6 | Utility gas consumption imputation | 91- 91 |
| ZUGEXP6 | Utility gas expenditures imputation | 93- 93 |
| TGCNS6 | Annual trans. gas consumption (kWh) | 95- 105 |
| TGBTU6 | Annual trans. gas consumption (mBtu) | 107- 120 |
| TGEXP6 | Annual trans. gas expenditures | 122- 130 |
| TGFEE6 | Transportation gas delv. charges | 132- 140 |
| ZTGCNS6 | Trans. gas consumption imputation | 142- 142 |
| ZTGEXP6 | Trans. gas expenditures imputation | 144- 144 |
| ZTGFEE6 | Imputed trans. gas dl. charges | 146- 146 |
| NGCNS6 | Annual natural gas consumption (ccf) | 148- 158 |
| NGBTU6 | Annual natural gas consumption (mBtu) | 160- 173 |
| NGEXP6 | Annual natural gas expenditures | 175- 183 |
| ZNGCNS6 | Natural gas consumption imputation | 185- 185 |
| ZNGEXP6 | Natural gas expenditures imputation | 187- 187 |

Variable Codes for File 17

```

BLDGID6  'Building identifier '
@ Columns 1- 5: 99999 @
REGION6  'Census Region '
@ Columns 7- 7: 9 @
'Northeast' = 1
'Midwest' = 2
'South' = 3
'West' = 4
CENDIV6  'Census Division '
@ Columns 9- 9: 9 @
'New England' = 1
'Middle Atlantic' = 2
'East North Central' = 3
'West North Central' = 4
'South Atlantic' = 5
'East South Central' = 6
'West South Central' = 7
'Mountain' = 8
'Pacific' = 9
SQFT6    'Square footage '
@ Columns 11- 19: 999999999 @
SQFTC6   'Square footage category'
@ Columns 21- 22: 99 @
'1,000 or less' = 01
'1,001 to 5,000' = 02
'5,001 to 10,000' = 03
'10,001 to 25,000' = 04
'25,001 to 50,000' = 05
'50,001 to 100,000' = 06
'100,001 to 200,000' = 07
'200,001 to 500,000' = 08
'500,001 to 1 million' = 09
'Over 1 million' = 10
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
YRCONC6  'Year construction was completed'
@ Columns 24- 25: 99 @
'1899 or before' = 01
'1900 to 1919' = 02
'1920 to 1945' = 03
'1946 to 1959' = 04
'1960 to 1969' = 05
'1970 to 1979' = 06
'1980 TO 1989' = 07
'1990 TO 1992' = 08
'1993 TO 1995' = 09
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
PBA6     'Principal building activity'
@ Columns 27- 28: 99 @
'Inapplicable' = 99
'Vacant' = 01
'Office/Professional' = 02
'Laboratory' = 04
'Warehouse (nonrefrig.)' = 05
'Food Sales' = 06
'Public order and safety' = 07
'Health care (Outpatient)' = 08
'Industrial processing/manufact.' = 09
'Agricultural purposes' = 10
'Warehouse (refrig.)' = 11
'Religious worship' = 12

```

| | |
|---------------------------------------|------|
| 'Public assembly' | = 13 |
| 'Education' | = 14 |
| 'Food services (Restaurants)' | = 15 |
| 'Health care (Inpatient)' | = 16 |
| 'Nursing home' | = 17 |
| 'Lodging (Hotel/motel/dorm)' | = 18 |
| 'Residential' | = 19 |
| 'Indoor parking garage' | = 20 |
| 'Strip shopping' | = 23 |
| 'Enclosed shopping ctr/mall' | = 24 |
| 'Retail (exc mall)' | = 25 |
| 'Service (exc food)' | = 26 |
| 'Other' | = 91 |
| 'Don''t know' | = 98 |
| 'Not ascertained' | = 96 |
| ELUSED6 'Electricity used in 1995' | |
| @ Columns 30- 30: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| NGUSED6 'Natural gas used in 1995' | |
| @ Columns 32- 32: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| FKUSED6 'Fuel oil used in 1995' | |
| @ Columns 34- 34: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| STUSED6 'District steam used in 1995' | |
| @ Columns 36- 36: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |

```

HWUSED6 'District hot water in 1995'
@ Columns 38- 38: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
ADJW6 'Adjusted weight '
@ Columns 40- 47: 99999999 @
PAIR6 'Pair member '
@ Columns 49- 49: 9 @
STRATUM6 'Variance '
@ Columns 51- 52: 99 @
UGCNS6 'Annual utility gas consumption (ccf)'
@ Columns 54- 64: 9999999999 @
UGBTU6 'Annual utility gas consumption (mBtu)'
@ Columns 66- 79: 999999999999 @
UGEXP6 'Annual utility gas expenditures'
@ Columns 81- 89: 99999999 @
ZUGCNS6 'Imputed utility gas consump. (ccf)'
@ Columns 91- 91: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Derived fr hot-decked trans gas %' = 4
'Missing' = 8
)
ZUGEXP6 'Utility gas expenditure imputation'
@ Columns 93- 93: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Derived fr hot-decked trans gas %' = 4
'Missing' = 8
TGCNS6 'Annual trans. gas consumption (ccf)'
@ Columns 95- 105: 9999999999 @
TGBTU6 'Annual trans. gas consumption (mBtu)'
@ Columns 107- 120: 999999999999 @
TGEXP6 'Annual trans. gas expenditures'
@ Columns 122- 130: 99999999 @
TGFEE6 'Annual trans. gas delivery expenditures'
@ Columns 132- 140: 99999999 @
ZTGCNS6 'Imputed transpor. gas cons. (ccf)'
@ Columns 142- 142: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Derived fr hot-decked trans gas %' = 4
'Missing' = 8

```

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ZTGEEXP6 'Trans. gas expenditure imputation'
@ Columns 144- 144: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Derived fr hot-decked trans gas %' = 4
'Missing' = 8
ZTGFEED6 'Trans. gas delivery expend. imputation'
@ Columns 146- 146: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Derived fr hot-decked trans gas %' = 4
'Missing' = 8
NGCNS6 'Annual natural gas consumption (ccf)'
@ Columns 148- 158: 9999999999 @
NGBTU6 'Annual natural gas consumption (mBtu)'
@ Columns 160- 173: 99999999999999 @
NGEXP6 'Annual natural gas expenditures'
@ Columns 175- 183: 999999999 @
ZNGCNS6 'Natural gas consumption imputation'
@ Columns 185- 185: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Derived fr hot-decked trans gas %' = 4
'Missing' = 8
ZNGEXP6 'Natural gas expenditure imputation'
@ Columns 187- 187: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Derived fr hot-decked trans gas %' = 4
'Missing' = 8

```


**Layout for File 18: Fuel Oil and District Heat
(CE95F18T.TXT & CE95F18D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> | |
|----------------------|--|-----------------|-----|
| BLDGID6 | Building identifier | 1- | 5 |
| REGION6 | Census region | 7- | 7 |
| CENDIV6 | Census division | 9- | 9 |
| SQFT6 | Square footage | 11- | 19 |
| SQFTC6 | Square footage category | 21- | 22 |
| YRCONC6 | Year of construction category | 24- | 25 |
| PBA6 | Principal building activity | 27- | 28 |
| ELUSED6 | Electricity used in 1995 | 30- | 30 |
| NGUSED6 | Natural gas used in 1995 | 32- | 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- | 34 |
| STUSED6 | District steam used in 1995 | 36- | 36 |
| HWUSED6 | District hot water used in 1995 | 38- | 38 |
| ADJWT6 | Adjusted weight | 40- | 47 |
| PAIR6 | Pair member | 49- | 49 |
| STRATUM6 | Variance stratum | 51- | 52 |
| FKCNS6 | Annual fuel oil consumption (gallons) | 54- | 64 |
| FKBTU6 | Annual fuel oil consumption (mBtu) | 66- | 79 |
| FKEXP6 | Annual fuel oil expenditures | 81- | 89 |
| FOTYPE6 | Type of fuel oil | 91- | 91 |
| FKTRNS6 | Includes some fuel oil data from 1993 | 93- | 93 |
| ZFKCNS6 | Fuel oil consumption imputation | 95- | 95 |
| ZFKEXP6 | Fuel oil expenditures imputation | 97- | 97 |
| ZFOTYPE6 | Imputed fuel oil type | 99- | 99 |
| STCNS6 | Annual steam consumption (mlbs.) | 101- | 111 |
| STBTU6 | Annual steam consumption (mBtu) | 113- | 126 |
| STEXP6 | Annual steam expenditures | 128- | 136 |
| ZSTCNS6 | Steam consumption imputation | 138- | 138 |
| ZSTEXP6 | Steam expenditures imputation | 140- | 140 |
| HWCNS6 | Annual hot water consumption (mlbs.) | 142- | 152 |
| HWBTU6 | Annual hot water consumption (mBtu) | 154- | 167 |
| HWEXP6 | Annual hot water expenditures | 169- | 177 |
| ZHWCNS6 | Hot water consumption imputation | 179- | 179 |
| ZHWEXP6 | Hot water expenditures imputation | 181- | 181 |
| DHCNS6 | Annual district heat consumption (mlbs.) | 183- | 193 |
| DHBTU6 | Annual district heat consumption (mBtu) | 195- | 208 |
| DHEXP6 | Annual district heat expenditures | 210- | 218 |
| ZDHCNS6 | District heat consumption imputation | 220- | 220 |
| ZDHEXP6 | District heat expenditures imputation | 222- | 222 |

Variable Codes for File 18

```

BLDGID6  'Building identifier '
@ Columns 1- 5: 99999 @
REGION6  'Census Region '
@ Columns 7- 7: 9 @
'Northeast' = 1
'Midwest' = 2
'South' = 3
'West' = 4
CENDIV6  'Census Division '
@ Columns 9- 9: 9 @
'New England' = 1
'Middle Atlantic' = 2
'East North Central' = 3
'West North Central' = 4
'South Atlantic' = 5
'East South Central' = 6
'West South Central' = 7
'Mountain' = 8
'Pacific' = 9
SQFT6    'Square footage '
@ Columns 11- 19: 999999999 @
SQFTC6   'Square footage category'
@ Columns 21- 22: 99 @
'1,000 or less' = 01
'1,001 to 5,000' = 02
'5,001 to 10,000' = 03
'10,001 to 25,000' = 04
'25,001 to 50,000' = 05
'50,001 to 100,000' = 06
'100,001 to 200,000' = 07
'200,001 to 500,000' = 08
'500,001 to 1 million' = 09
'Over 1 million' = 10
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
YRCONC6  'Year construction was completed'
@ Columns 24- 25: 99 @
'1899 or before' = 01
'1900 to 1919' = 02
'1920 to 1945' = 03
'1946 to 1959' = 04
'1960 to 1969' = 05
'1970 to 1979' = 06
'1980 TO 1989' = 07
'1990 TO 1992' = 08
'1993 TO 1995' = 09
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
PBA6     'Principal building activity'
@ Columns 27- 28: 99 @
'Inapplicable' = 99
'Vacant' = 01
'Office/Professional' = 02
'Laboratory' = 04
'Warehouse (nonrefrig.)' = 05
'Food Sales' = 06
'Public order and safety' = 07
'Health care (Outpatient)' = 08
'Industrial processing/manufact.' = 09
'Agricultural purposes' = 10
'Warehouse (refrig.)' = 11
'Religious worship' = 12

```

| | |
|---------------------------------------|------|
| 'Public assembly' | = 13 |
| 'Education' | = 14 |
| 'Food services (Restaurants)' | = 15 |
| 'Health care (Inpatient)' | = 16 |
| 'Nursing home' | = 17 |
| 'Lodging (Hotel/motel/dorm)' | = 18 |
| 'Residential' | = 19 |
| 'Indoor parking garage' | = 20 |
| 'Strip shopping' | = 23 |
| 'Enclosed shopping ctr/mall' | = 24 |
| 'Retail (exc mall)' | = 25 |
| 'Service (exc food)' | = 26 |
| 'Other' | = 91 |
| 'Don''t know' | = 98 |
| 'Not ascertained' | = 96 |
| ELUSED6 'Electricity used in 1995' | |
| @ Columns 30- 30: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| NGUSED6 'Natural gas used in 1995' | |
| @ Columns 32- 32: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| FKUSED6 'Fuel oil used in 1995' | |
| @ Columns 34- 34: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| STUSED6 'District steam used in 1995' | |
| @ Columns 36- 36: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |

```

HWUSED6 'District hot water in 1995'
@ Columns 38- 38: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'No (revised)' = 3
'Not 1995' = 4
'Yes (revised)' = 5
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
ADJWT6 'Adjusted weight '
@ Columns 40- 47: 99999999 @
PAIR6 'Pair member '
@ Columns 49- 49: 9 @
STRATUM6 'Variance '
@ Columns 51- 52: 99 @
FKCNS6 'Annual fuel oil deliveries (gals)'
@ Columns 54- 64: 9999999999 @
FKBTU6 'Annual fuel oil deliveries (mBtu)'
@ Columns 66- 79: 999999999999 @
FKEXP6 'Annual fuel oil expenditures'
@ Columns 81- 89: 999999999 @
FOTYPE6 'Type of fuel oil'
@ Columns 91- 91: 9 @
'Not supplied' = 9
'Distillate' = 1
'Residual' = 2
'Kerosene' = 3
'Other' = 4
'More than one type' = 5
'Missing' = 8
FKTRNS6 'Includes some fuel oil data from 1990'
@ Columns 93- 93: 9 @
'Inapplicable' = 9
'Yes' = 1
'No' = 2
'Refused' = 7
'Don''t know' = 8
'Not ascertained' = 6
ZFKCNS6 'Fuel oil deliveries imputation'
@ Columns 95- 95: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Missing' = 8
ZFKEXP6 'Fuel oil expenditures imputation'
@ Columns 97- 97: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Missing' = 8
ZFOTYPE6 'Imputed fuel oil type'
@ Columns 99- 99: 9 @
'Inapplicable' = 9
'Imputed' = 1
'Reported' = 0
'Missing' = 8
STCNS6 'Annual steam consumption (mlbs)'
@ Columns 101- 111: 9999999999 @

```

```

STBTU6   'Annual steam consumption (mBtu)'
@ Columns 113- 126: 99999999999999 @
STEXP6   'Annual steam expenditures'
@ Columns 128- 136: 999999999 @
ZSTCNS6  'Steam consumption imputation'
@ Columns 138- 138: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Missing' = 8
ZSTEXP6  'Steam expenditures imputation'
@ Columns 140- 140: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Missing' = 8
HWCNS6   'Annual hot water consumption (mlbs.)'
@ Columns 142- 152: 99999999999 @
HWBTU6   'Annual hot water consumption (mBtu)'
@ Columns 154- 167: 99999999999999 @
HWEXP6   'Annual hot water expenditures'
@ Columns 169- 177: 999999999 @
ZHWCNS6  'Hot water consumption imputation'
@ Columns 179- 179: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Missing' = 8
ZHWEEXP6 'Hot water expenditures imputation'
@ Columns 181- 181: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Missing' = 8
DHCNS6   'Annual district heat consumption (mlbs)'
@ Columns 183- 193: 99999999999 @
DHBTU6   'Annual district heat consumption (mBtu)'
@ Columns 195- 208: 99999999999999 @
DHEXP6   'Annual district heat expenditures'
@ Columns 210- 218: 999999999 @
ZDHCNS6  'District heat consumption imputation'
@ Columns 220- 220: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Missing' = 8
ZDHEXP6  'District heat expenditure imputation'
@ Columns 222- 222: 9 @
'Not supplied' = 9
'Reported' = 0
'Prorated from adjacent periods' = 1
'Hot-decked' = 2
'Regression estimate' = 3
'Missing' = 8

```

**Layout for File 19: Consumption of Electricity by End Use
(CE95F19T.TXT & CE95F19D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> |
|----------------------|-----------------------------------|-----------------|
| BLDGID6 | Building identifier | 1- 5 |
| REGION6 | Census region | 7- 7 |
| CENDIV6 | Census division | 9- 9 |
| SQFT6 | Square footage | 11- 19 |
| SQFTC6 | Square footage category | 21- 22 |
| YRCONC6 | Year of construction category | 24- 25 |
| PBA6 | Principal building activity | 27- 28 |
| ELUSED6 | Electricity used in 1995 | 30- 30 |
| NGUSED6 | Natural gas used in 1995 | 32- 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- 34 |
| STUSED6 | District steam used in 1995 | 36- 36 |
| HWUSED6 | District hot water used in 1995 | 38- 38 |
| ADJWT6 | Adjusted weight | 40- 47 |
| PAIR6 | Pair member | 49- 49 |
| STRATUM6 | Variance stratum | 51- 52 |
| ELHTBTU6 | Electric heating use (mBtu) | 54- 67 |
| ELCLBTU6 | Electric cooling use (mBtu) | 69- 82 |
| ELVNBTU6 | Electric ventilation use (mBtu) | 84- 97 |
| ELWTBTU6 | Electric water heating use (mBtu) | 99- 112 |
| ELLTBTU6 | Electric lighting use (mBtu) | 114- 127 |
| ELCKBTU6 | Electric cooking use (mBtu) | 129- 142 |
| ELRFBTU6 | Electric refrigeration use (mBtu) | 144- 157 |
| ELOFBTU6 | Elec. office equipment use (mBtu) | 159- 172 |
| ELMSBTU6 | Electric miscellaneous use (mBtu) | 174- 187 |

Variable Codes for File 19

```

BLDGID6  'Building identifier '
@ Columns 1- 5: 99999 @
REGION6  'Census Region '
@ Columns 7- 7: 9 @
'Northeast' = 1
'Midwest' = 2
'South' = 3
'West' = 4
CENDIV6  'Census Division '
@ Columns 9- 9: 9 @
'New England' = 1
'Middle Atlantic' = 2
'East North Central' = 3
'West North Central' = 4
'South Atlantic' = 5
'East South Central' = 6
'West South Central' = 7
'Mountain' = 8
'Pacific' = 9
SQFT6    'Square footage '
@ Columns 11- 19: 999999999 @
SQFTC6   'Square footage category'
@ Columns 21- 22: 99 @
'1,000 or less' = 01
'1,001 to 5,000' = 02
'5,001 to 10,000' = 03
'10,001 to 25,000' = 04
'25,001 to 50,000' = 05
'50,001 to 100,000' = 06
'100,001 to 200,000' = 07
'200,001 to 500,000' = 08
'500,001 to 1 million' = 09
'Over 1 million' = 10
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
YRCONC6  'Year construction was completed'
@ Columns 24- 25: 99 @
'1899 or before' = 01
'1900 to 1919' = 02
'1920 to 1945' = 03
'1946 to 1959' = 04
'1960 to 1969' = 05
'1970 to 1979' = 06
'1980 TO 1989' = 07
'1990 TO 1992' = 08
'1993 TO 1995' = 09
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
PBA6     'Principal building activity'
@ Columns 27- 28: 99 @
'Inapplicable' = 99
'Vacant' = 01
'Office/Professional' = 02
'Laboratory' = 04
'Warehouse (nonrefrig.)' = 05
'Food Sales' = 06
'Public order and safety' = 07
'Health care (Outpatient)' = 08
'Industrial processing/manufact.' = 09
'Agricultural purposes' = 10
'Warehouse (refrig.)' = 11
'Religious worship' = 12

```

| | |
|---------------------------------------|------|
| 'Public assembly' | = 13 |
| 'Education' | = 14 |
| 'Food services (Restaurants)' | = 15 |
| 'Health care (Inpatient)' | = 16 |
| 'Nursing home' | = 17 |
| 'Lodging (Hotel/motel/dorm)' | = 18 |
| 'Residential' | = 19 |
| 'Indoor parking garage' | = 20 |
| 'Strip shopping' | = 23 |
| 'Enclosed shopping ctr/mall' | = 24 |
| 'Retail (exc mall)' | = 25 |
| 'Service (exc food)' | = 26 |
| 'Other' | = 91 |
| 'Don''t know' | = 98 |
| 'Not ascertained' | = 96 |
| ELUSED6 'Electricity used in 1995' | |
| @ Columns 30- 30: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| NGUSED6 'Natural gas used in 1995' | |
| @ Columns 32- 32: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| FKUSED6 'Fuel oil used in 1995' | |
| @ Columns 34- 34: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| STUSED6 'District steam used in 1995' | |
| @ Columns 36- 36: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |


```

HWUSED6 'District hot water in 1995'
  @ Columns 38- 38: 9 @
  'Inapplicable' = 9
  'Yes' = 1
  'No' = 2
  'No (revised)' = 3
  'Not 1995' = 4
  'Yes (revised)' = 5
  'Refused' = 7
  'Don''t know' = 8
  'Not ascertained' = 6
ADJWT6 'Adjusted weight '
  @ Columns 40- 47: 99999999 @
PAIR6 'Pair member '
  @ Columns 49- 49: 9 @
STRATUM6 'Variance '
  @ Columns 51- 52: 99 @
ELHTBTU6 'Electric heating use (mBtu)'
  @ Columns 54- 67: 99999999999999 @
ELCLBTU6 'Electric cooling use (mBtu)'
  @ Columns 69- 82: 99999999999999 @
ELVNBTU6 'Electric ventilation use (mBtu)'
  @ Columns 84- 97: 99999999999999 @
ELWTBTU6 'Electric water heating use (mBtu)'
  @ Columns 99- 112: 99999999999999 @
ELLTBTU6 'Electric lighting use (mBtu)'
  @ Columns 114- 127: 99999999999999 @
ELCKBTU6 'Electric cooking use (mBtu)'
  @ Columns 129- 142: 99999999999999 @
ELRFBTU6 'Electric refrigeration use (mBtu)'
  @ Columns 144- 157: 99999999999999 @
ELOFBTU6 'Elec. office equipment use (mBtu)'
  @ Columns 159- 172: 99999999999999 @
ELMSBTU6 'Electric miscellaneous use (mBtu)'
  @ Columns 174- 187: 99999999999999 @

```

**Layout for File 20: Consumption of Natural Gas, Fuel Oil,
and District Heat by End Use
(CE95F20T.TXT & CE95F20D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> |
|----------------------|--|-----------------|
| BLDGID6 | Building identifier | 1- 5 |
| REGION6 | Census region | 7- 7 |
| CENDIV6 | Census division | 9- 9 |
| SQFT6 | Square footage | 11- 19 |
| SQFTC6 | Square footage category | 21- 22 |
| YRCONC6 | Year of construction category | 24- 25 |
| PBA6 | Principal building activity | 27- 28 |
| ELUSED6 | Electricity used in 1995 | 30- 30 |
| NGUSED6 | Natural gas used in 1995 | 32- 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- 34 |
| STUSED6 | District steam used in 1995 | 36- 36 |
| HWUSED6 | District hot water used in 1995 | 38- 38 |
| ADJWT6 | Adjusted weight | 40- 47 |
| PAIR6 | Pair member | 49- 49 |
| STRATUM6 | Variance stratum | 51- 52 |
| NGHTBTU6 | Natural gas heating use (mBtu) | 54- 67 |
| NGCLBTU6 | Natural gas cooling use (mBtu) | 69- 82 |
| NGWTBTU6 | Natural gas water heating use (mBtu) | 84- 97 |
| NGCKBTU6 | Natural gas cooking use (mBtu) | 99- 112 |
| NGMSBTU6 | Natural gas miscellaneous use (mBtu) | 114- 127 |
| FKHTBTU6 | Fuel oil heating use (mBtu) | 129- 142 |
| FKCLBTU6 | Fuel oil cooling use (mBtu) | 144- 157 |
| FKWTBTU6 | Fuel oil water heating use (mBtu) | 159- 172 |
| FKCKBTU6 | Fuel oil cooking use (mBtu) | 174- 187 |
| FKMSBTU6 | Fuel oil miscellaneous use (mBtu) | 189- 202 |
| DHHTBTU6 | District heat heating use (mBtu) | 204- 217 |
| DHCLBTU6 | District heat cooling use (mBtu) | 219- 232 |
| DHWTBTU6 | District heat water heating use (mBtu) | 234- 247 |
| DHCKBTU6 | District heat cooking use (mBtu) | 249- 262 |
| DHMSBTU6 | District heat miscellaneous use (mBtu) | 264- 277 |

Variable Codes for File 20

```

BLDGID6  'Building identifier '
@ Columns 1- 5: 99999 @
REGION6  'Census Region '
@ Columns 7- 7: 9 @
'Northeast' = 1
'Midwest' = 2
'South' = 3
'West' = 4
CENDIV6  'Census Division '
@ Columns 9- 9: 9 @
'New England' = 1
'Middle Atlantic' = 2
'East North Central' = 3
'West North Central' = 4
'South Atlantic' = 5
'East South Central' = 6
'West South Central' = 7
'Mountain' = 8
'Pacific' = 9
SQFT6    'Square footage '
@ Columns 11- 19: 999999999 @
SQFTC6   'Square footage category'
@ Columns 21- 22: 99 @
'1,000 or less' = 01
'1,001 to 5,000' = 02
'5,001 to 10,000' = 03
'10,001 to 25,000' = 04
'25,001 to 50,000' = 05
'50,001 to 100,000' = 06
'100,001 to 200,000' = 07
'200,001 to 500,000' = 08
'500,001 to 1 million' = 09
'Over 1 million' = 10
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
YRCONC6  'Year construction was completed'
@ Columns 24- 25: 99 @
'1899 or before' = 01
'1900 to 1919' = 02
'1920 to 1945' = 03
'1946 to 1959' = 04
'1960 to 1969' = 05
'1970 to 1979' = 06
'1980 TO 1989' = 07
'1990 TO 1992' = 08
'1993 TO 1995' = 09
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
PBA6     'Principal building activity'
@ Columns 27- 28: 99 @
'Inapplicable' = 99
'Vacant' = 01
'Office/Professional' = 02
'Laboratory' = 04
'Warehouse (nonrefrig.)' = 05
'Food Sales' = 06
'Public order and safety' = 07
'Health care (Outpatient)' = 08
'Industrial processing/manufact.' = 09
'Agricultural purposes' = 10
'Warehouse (refrig.)' = 11
'Religious worship' = 12

```

| | |
|---------------------------------------|------|
| 'Public assembly' | = 13 |
| 'Education' | = 14 |
| 'Food services (Restaurants)' | = 15 |
| 'Health care (Inpatient)' | = 16 |
| 'Nursing home' | = 17 |
| 'Lodging (Hotel/motel/dorm)' | = 18 |
| 'Residential' | = 19 |
| 'Indoor parking garage' | = 20 |
| 'Strip shopping' | = 23 |
| 'Enclosed shopping ctr/mall' | = 24 |
| 'Retail (exc mall)' | = 25 |
| 'Service (exc food)' | = 26 |
| 'Other' | = 91 |
| 'Don''t know' | = 98 |
| 'Not ascertained' | = 96 |
| ELUSED6 'Electricity used in 1995' | |
| @ Columns 30- 30: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| NGUSED6 'Natural gas used in 1995' | |
| @ Columns 32- 32: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| FKUSED6 'Fuel oil used in 1995' | |
| @ Columns 34- 34: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| STUSED6 'District steam used in 1995' | |
| @ Columns 36- 36: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |

```

HWUSED6 'District hot water in 1995'
  @ Columns 38- 38: 9 @
  'Inapplicable' = 9
  'Yes' = 1
  'No' = 2
  'No (revised)' = 3
  'Not 1995' = 4
  'Yes (revised)' = 5
  'Refused' = 7
  'Don''t know' = 8
  'Not ascertained' = 6
ADJWT6 'Adjusted weight '
  @ Columns 40- 47: 99999999 @
PAIR6 'Pair member '
  @ Columns 49- 49: 9 @
STRATUM6 'Variance '
  @ Columns 51- 52: 99 @
NGHTBTU6 'Natural gas heating use (mBtu)'
  @ Columns 54- 67: 99999999999999 @
NGCLBTU6 'Natural gas cooling use (mBtu)'
  @ Columns 69- 82: 99999999999999 @
NGWTBTU6 'Natural gas water heating use (mBtu)'
  @ Columns 84- 97: 99999999999999 @
NGCKBTU6 'Natural gas cooking use (mBtu)'
  @ Columns 99- 112: 99999999999999 @
NGMSBTU6 'Natural gas miscellaneous use (mBtu)'
  @ Columns 114- 127: 99999999999999 @
FKHTBTU6 'Fuel oil heating use (mBtu)'
  @ Columns 129- 142: 99999999999999 @
FKCLBTU6 'Fuel oil cooling use (mBtu)'
  @ Columns 144- 157: 99999999999999 @
FKWTBTU6 'Fuel oil water heating use (mBtu)'
  @ Columns 159- 172: 99999999999999 @
FKCKBTU6 'Fuel oil cooking use (mBtu)'
  @ Columns 174- 187: 99999999999999 @
FKMSBTU6 'Fuel oil miscellaneous use (mBtu)'
  @ Columns 189- 202: 99999999999999 @
DHHTBTU6 'District heat heating use (mBtu)'
  @ Columns 204- 217: 99999999999999 @
DHCLBTU6 'District heat cooling use (mBtu)'
  @ Columns 219- 232: 99999999999999 @
DHWTBTU6 'District heat water heating use (mBtu)'
  @ Columns 234- 247: 99999999999999 @
DHCKBTU6 'District heat cooking use (mBtu)'
  @ Columns 249- 262: 99999999999999 @
DHMSBTU6 'District heat miscellaneous use (mBtu)'
  @ Columns 264- 277: 99999999999999 @

```

**Layout for File 21: Consumption of Major Fuels by End Use
(CE95F21T.TXT & CE95F21D.DBF)**

| <u>Variable Name</u> | <u>Variable Description</u> | <u>Position</u> | |
|----------------------|-------------------------------------|-----------------|-----|
| BLDGID6 | Building identifier | 1- | 5 |
| REGION6 | Census region | 7- | 7 |
| CENDIV6 | Census division | 9- | 9 |
| SQFT6 | Square footage | 11- | 19 |
| SQFTC6 | Square footage category | 21- | 22 |
| YRCONC6 | Year of construction category | 24- | 25 |
| PBA6 | Principal building activity | 27- | 28 |
| ELUSED6 | Electricity used in 1995 | 30- | 30 |
| NGUSED6 | Natural gas used in 1995 | 32- | 32 |
| FKUSED6 | Fuel oil used in 1995 | 34- | 34 |
| STUSED6 | District steam used in 1995 | 36- | 36 |
| HWUSED6 | District hot water used in 1995 | 38- | 38 |
| ADJWT6 | Adjusted weight | 40- | 47 |
| PAIR6 | Pair member | 49- | 49 |
| STRATUM6 | Variance stratum | 51- | 52 |
| MFHTBTU6 | Major fuel heating use (mBtu) | 54- | 67 |
| MFCLBTU6 | Major fuel cooling use (mBtu) | 69- | 82 |
| MFVNBTU6 | Major fuel ventilation use (mBtu) | 84- | 97 |
| MFWTBTU6 | Major fuel water heating use (mBtu) | 99- | 112 |
| MFLTBTU6 | Major fuel lighting use (mBtu) | 114- | 127 |
| MFCKBTU6 | Major fuel cooking use (mBtu) | 129- | 142 |
| MFRFBTU6 | Major fuel refrigeration use (mBtu) | 144- | 157 |
| MFOFBTU6 | Major fuel office equip. use (mBtu) | 159- | 172 |
| MFMSBTU6 | Major fuel miscellaneous use (mBtu) | 174- | 187 |

Variable Codes for File 21

```

BLDGID6  'Building identifier '
@ Columns 1- 5: 99999 @
REGION6  'Census Region '
@ Columns 7- 7: 9 @
'Northeast' = 1
'Midwest' = 2
'South' = 3
'West' = 4
CENDIV6  'Census Division '
@ Columns 9- 9: 9 @
'New England' = 1
'Middle Atlantic' = 2
'East North Central' = 3
'West North Central' = 4
'South Atlantic' = 5
'East South Central' = 6
'West South Central' = 7
'Mountain' = 8
'Pacific' = 9
SQFT6    'Square footage '
@ Columns 11- 19: 999999999 @
SQFTC6   'Square footage category'
@ Columns 21- 22: 99 @
'1,000 or less' = 01
'1,001 to 5,000' = 02
'5,001 to 10,000' = 03
'10,001 to 25,000' = 04
'25,001 to 50,000' = 05
'50,001 to 100,000' = 06
'100,001 to 200,000' = 07
'200,001 to 500,000' = 08
'500,001 to 1 million' = 09
'Over 1 million' = 10
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
YRCONC6  'Year construction was completed'
@ Columns 24- 25: 99 @
'1899 or before' = 01
'1900 to 1919' = 02
'1920 to 1945' = 03
'1946 to 1959' = 04
'1960 to 1969' = 05
'1970 to 1979' = 06
'1980 TO 1989' = 07
'1990 TO 1992' = 08
'1993 TO 1995' = 09
'Refused' = 97
'Don''t know' = 98
'Not ascertained' = 99
PBA6     'Principal building activity'
@ Columns 27- 28: 99 @
'Inapplicable' = 99
'Vacant' = 01
'Office/Professional' = 02
'Laboratory' = 04
'Warehouse (nonrefrig.)' = 05
'Food Sales' = 06
'Public order and safety' = 07
'Health care (Outpatient)' = 08
'Industrial processing/manufact.' = 09
'Agricultural purposes' = 10
'Warehouse (refrig.)' = 11
'Religious worship' = 12

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| | |
|---------------------------------------|------|
| 'Public assembly' | = 13 |
| 'Education' | = 14 |
| 'Food services (Restaurants)' | = 15 |
| 'Health care (Inpatient)' | = 16 |
| 'Nursing home' | = 17 |
| 'Lodging (Hotel/motel/dorm)' | = 18 |
| 'Residential' | = 19 |
| 'Indoor parking garage' | = 20 |
| 'Strip shopping' | = 23 |
| 'Enclosed shopping ctr/mall' | = 24 |
| 'Retail (exc mall)' | = 25 |
| 'Service (exc food)' | = 26 |
| 'Other' | = 91 |
| 'Don''t know' | = 98 |
| 'Not ascertained' | = 96 |
| ELUSED6 'Electricity used in 1995' | |
| @ Columns 30- 30: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| NGUSED6 'Natural gas used in 1995' | |
| @ Columns 32- 32: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| FKUSED6 'Fuel oil used in 1995' | |
| @ Columns 34- 34: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |
| STUSED6 'District steam used in 1995' | |
| @ Columns 36- 36: 9 @ | |
| 'Inapplicable' | = 9 |
| 'Yes' | = 1 |
| 'No' | = 2 |
| 'No (revised)' | = 3 |
| 'Not 1995' | = 4 |
| 'Yes (revised)' | = 5 |
| 'Refused' | = 7 |
| 'Don''t know' | = 8 |
| 'Not ascertained' | = 6 |


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HWUSED6 'District hot water in 1995'
  @ Columns 38- 38: 9 @
  'Inapplicable' = 9
  'Yes' = 1
  'No' = 2
  'No (revised)' = 3
  'Not 1995' = 4
  'Yes (revised)' = 5
  'Refused' = 7
  'Don't know' = 8
  'Not ascertained' = 6
ADJWT6 'Adjusted weight '
  @ Columns 40- 47: 99999999 @
PAIR6 'Pair member '
  @ Columns 49- 49: 9 @
STRATUM6 'Variance '
  @ Columns 51- 52: 99 @
MFHTBTU6 'Major fuel heating use (mBtu)'
  @ Columns 54- 67: 99999999999999 @
MFCLBTU6 'Major fuel cooling use (mBtu)'
  @ Columns 69- 82: 99999999999999 @
MFVNBTU6 'Major fuel ventilation use (mBtu)'
  @ Columns 84- 97: 99999999999999 @
MFWTBTU6 'Major fuel water heating use (mBtu)'
  @ Columns 99- 112: 99999999999999 @
MFLTBTU6 'Major fuel lighting use (mBtu)'
  @ Columns 114- 127: 99999999999999 @
MFCKBTU6 'Major fuel cooking use (mBtu)'
  @ Columns 129- 142: 99999999999999 @
MFRFBTU6 'Major fuel refrigeration use (mBtu)'
  @ Columns 144- 157: 99999999999999 @
MFOFBTU6 'Major fuel office equip. use (mBtu)'
  @ Columns 159- 172: 99999999999999 @
MFMSBTU6 'Major fuel miscellaneous use (mBtu)'
  @ Columns 174- 187: 99999999999999 @

```