Table C16. Natural Gas Consumption and Expenditure Intensities, 1999

	Natural Gas Consumption								
		202		Distribution of Building-Level Intensities (cubic feet/square foot)			Natural Gas Expenditures		
	per Building (thousand cubic feet)	per Square Foot (cubic feet)	per Worker (thousand cubic feet)	25th Percentile	Median	75th Percentile	per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Cubic Feet (dollars)
All Buildings	736	43.2	34.9	15.7	34.1	75.4	4.0	0.23	5.40
Building Floorspace (Square Feet)									
1,001 to 5,000	254	85.1	44.2	19.8	50.2	101.5	1.5	0.51	5.94
5,001 to 10,000	415	55.9	39.7	14.4	31.7	57.1	2.6	0.36	6.37
10,001 to 25,000	691	44.2	42.1	11.6	25.8	44.4	4.0	0.26	5.85
25,001 to 50,000	1,293	35.5	34.6	12.4	25.0	43.8	7.2	0.20	5.60
50,001 to 100,000	2,356	33.9	26.3	9.5	20.7	41.1	12.1	0.20	5.15
100,001 to 200,000	5,251	37.7	38.2	7.8	20.7	43.5	26.0	0.17	4.95
200,001 to 500,000	13,068	43.6	35.3	5.2	16.7	45.5	54.4	0.19	4.16
Over 500,000	26,952	28.3	21.6	2.2	10.4	28.7	110.9	0.12	4.11
Principal Building Activity									
Education	981	33.5	31.8	11.2	25.0	49.0	4.9	0.17	5.04
Food Sales	346	46.4	45.6	9.2	71.2	92.4	2.2	0.30	6.36
Food Service	854	139.1	65.4	76.7	141.1	258.5	4.8	0.78	5.64
Health Care	2,898	92.2	49.4	14.4	22.5	57.2	12.1	0.39	4.18
Inpatient	19,993	113.2	63.2	97.7	163.0	163.0	79.8	0.45	3.99
Outpatient	Q	34.5	16.6	13.8	19.2	47.0	Q	0.20	5.88
Lodging	1,688	49.6	95.9	31.6	55.8	94.9	9.0	0.27	5.35
Mercantile	411	22.9	20.6	12.4	29.8	55.6	2.6	0.14	6.24
Retail (Other Than Mall)	305	30.3	30.9	12.4	34.1	56.7	1.9	0.19	6.28
Enclosed and Strip Malls	826	16.9	13.9	12.6	24.7	45.6	5.1	0.10	6.18
Office	472	29.0	11.7	14.4	28.5	50.2	2.7	0.17	5.70
Public Assembly	501	31.3	45.8	8.3	21.5	48.9	3.0	0.19	5.99
Public Order and Safety	1,020	50.5	40.8	29.2	48.8	77.4	5.7	0.28	5.57
Religious Worship	280	24.4	47.3	14.1	24.8	34.0	1.9	0.17	6.82
Service	914	121.0	79.8	33.5	55.5	130.8	4.9	0.66	5.42
Warehouse and Storage	989	36.0	54.5	10.3	26.5	62.6	5.0	0.18	5.03
OtherVacant	1,097 275	62.0 29.9	56.2 Q	29.5 7.1	32.5 12.1	37.4 34.3	5.6 1.3	0.32 0.14	5.12 4.75
Year Constructed									
1919 or Before	403	42.3	Q	15.8	35.4	79.1	2.4	0.25	5.84
1920 to 1945	574	44.4	38.8	23.9	44.1	81.5	2.9	0.23	5.12
1946 to 1959	584	41.1	37.3	12.9	33.6	72.0	3.3	0.23	5.60
1960 to 1969	890	48.1	39.0	19.7	41.0	83.2	4.9	0.26	5.50
1970 to 1979	659	39.2	29.7	14.4	34.1	60.0	3.6	0.21	5.45
1980 to 1989	977	43.2	30.6	13.7	25.1	55.0	5.2	0.23	5.35
1990 to 1999	1,014	43.8	36.5	14.1	32.5	81.8	5.2	0.23	5.15
Census Region and Division									
Northeast	933	39.8	32.1	20.1	48.9	91.4	6.1	0.26	6.52
New England	1,262	35.8	29.4	16.3	42.7	60.8	9.0	0.25	7.09
Middle Atlantic	878	40.9	32.8	20.8	49.4	92.4	5.6	0.26	6.38
Midwest	789	51.0	45.8	20.3	44.6	81.1	3.7	0.24	4.75
East North Central	791	51.5	48.5	20.5	47.0	81.5	3.7	0.24	4.66
West North Central	782	49.9	40.5	19.7	41.9	80.9	3.9	0.25	4.97
South	733	42.3	32.8	13.7	26.5	64.6	4.0	0.23	5.48
South Atlantic	1,050	43.9	34.9	14.2	30.3	86.2	6.1	0.25	5.76
East South Central	806	51.4	41.2	15.1	32.4	65.4	4.5	0.28	5.54
West South Central	488	34.5	25.5	12.0	20.8	45.9	2.5	0.17	5.04
West Mountain	579 609	36.6 44.1	27.8 42.6	11.3 18.8	28.6 34.8	60.6 71.1	3.2 3.2	0.20 0.23	5.56 5.26

Table C16. Natural Gas Consumption and Expenditure Intensities, 1999

	Natural Gas Consumption								
				Distribution of Building-Level Intensities (cubic feet/square foot)			Natural Gas Expenditures		
	per Building (thousand cubic feet)	per Square Foot (cubic feet)	per Worker (thousand cubic feet)	25th Percentile	Median	75th Percentile	per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Cubic Feet (dollars)
Climate Zone: 45-Year Average									
Under 2,000 CDD and									
More than 7,000 HDD	674	54.6	52.6	30.3	54.6	89.8	3.4	0.28	5.08
5,500-7,000 HDD	957	49.6	45.0	22.3	44.6		4.8	0.25	4.98
4,000-5,499 HDD	916		36.4	19.7	37.9		5.2	0.27	5.69
Fewer than 4,000 HDD	568		25.1	10.7	24.0		3.2	0.19	5.67
	300	34.0	23.1	10.7	24.0	45.1	5.2	0.19	5.07
2,000 CDD or More and Fewer than 4,000 HDD	493	32.2	25.7	10.8	19.8	65.4	2.8	0.18	5.73
M. J (									
Workers (main shift) Fewer than 5	236	38.3	107.6	13.8	33.3	71.2	1.5	0.25	6.42
5 to 9	338		51.5	15.4	35.1		2.0	0.24	5.88
10 to 19	645		50.4	18.5	35.2		3.6	0.24	5.52
20 to 49	1,316		45.9	18.1	40.9		7.4	0.27	5.64
50 to 99	1,828		45.9 28.1	15.6	40.9 29.1		10.0	0.31	5.64 5.47
100 to 249	3,625 12,461	39.8 43.4	26.7 18.7	14.8 8.7	24.4 21.0		17.9 52.5	0.20 0.18	4.95 4.21
	.2, .0 .			<b>0</b>	20	01.0	02.0	00	
Weekly Operating Hours	040	00.0	44.4	44.0	00.4	20.0	4.0	0.40	0.00
39 or Fewer	212		41.1	11.2	20.1	38.2	1.3	0.18	6.28
40 to 48	389		26.9	12.8	28.5		2.2	0.18	5.65
49 to 60	579		27.8	18.0	33.5		3.3	0.22	5.64
61 to 84	779	38.6	30.3	16.6	35.8		4.6	0.23	5.88
85 to 167  Open Continuously	1,187 2,358		42.6 48.4	31.8 30.4	68.2 61.0		6.3 11.1	0.28 0.28	5.35 4.72
Cpon Continuously	2,000	00.1	10.1	00.1	01.0	02.0		0.20	1.72
Ownership and Occupancy	000	40.0	04.0	40.5	04.4	70.5	0.0	0.04	5.50
Nongovernment Owned	682		34.6	16.5	34.1	76.5	3.8	0.24	5.53
Owner Occupied	728		35.6	17.0	36.5		4.0	0.25	5.46
Nonowner Occupied	605	39.6	31.6	16.4	32.6		3.4	0.23	5.69
Unoccupied	Q	Q	N	11.5	12.0		Q	Q	Q
Government Owned	1,163	41.6	36.5	11.3	32.7	71.1	5.6	0.20	4.80
Federal	Q	36.4	22.6	2.8	8.3	23.9	Q	0.16	4.37
State	2,143	49.2	46.7	16.7	35.4	89.4	9.1	0.21	4.24
Local	905	39.3	36.1	13.0	34.8	71.1	4.7	0.20	5.18
Vacancy Status									
Completely Vacant	Q	Q	N	2.0	11.5	17.2	Q	Q	Q
Mostly Vacant	Q	Q	Q	7.1	23.3	71.1	Q	Q	Q
Partially Vacant	804	27.7	20.8	9.9	21.1	46.8	4.3	0.15	5.38
Not At All Vacant	739	48.3	39.5	17.8	36.8	79.3	4.0	0.26	5.41
Number of Establishments									
One	735	50.4	43.8	16.6	36.1	77.4	3.9	0.27	5.30
2 to 5	579		32.1	13.7	31.3		3.3	0.20	5.73
6 to 10	1,057		18.0	14.2	33.6		6.4	0.21	6.09
11 to 20	2,079		15.4	10.6	20.6		11.8	0.15	5.68
More than 20			9.7	7.5	27.3		15.4	0.13	5.11
Currently Unoccupied	226		9.7 N	11.5	15.5		1.3	0.12	5.65
Energy Sources (mare the									
Energy Sources (more than one may apply)									
	738	43.2	34.9	15.8	34.1	75.4	4.0	0.23	5.40
Electricity									
Natural Gas			34.9	15.7	34.1	75.4	4.0	0.23	5.40
Fuel Oil	4,584		34.3	10.7	23.2		19.7	0.22	4.29
District Heat	Q		25.0	4.9	16.7		9.3	0.18	Q
District Chilled Water	2,447		26.9	8.3	15.2		10.8	0.17	4.40
Propane	Q		62.5	13.3	36.3		Q	0.23	4.13
Other	1,226	46.1	Q	34.0	57.0	64.9	6.4	0.24	5.25

Table C16. Natural Gas Consumption and Expenditure Intensities, 1999

Pote   Pote		Natural Gas Consumption									
Part   Part			Square Foot (cubic		Distribution of Building-Level Intensities			Natural Gas Expenditures			
Natural Gas		Building (thousand		Worker (thousand		Median		Building (thousand	Square Foot	per Thousand Cubic Feet (dollars)	
Natural Gas	Space-Heating Energy Source										
Natural Gas Main		720	45.2	37.3	16.5	34.0	72.0	3.8	0.24	5.32	
Ohne   Excluding Natural Gas   885   28.4   21.9   9.7   40.7   116.9   5.1   0.16										5.28	
Buildings without Heating   Q   Q   G   6.1   16.9   160.3   Q   Q   Q   Q   Primary Space-Heating   Primary Space-Heating   Primary Space   Primary Space	Natural Gas Secondary	823	30.4	23.0	9.4	24.7	53.2	4.7	0.17	5.70	
Primary Space-Heating   Energy Source   S27   32.5   25.5   11.7   39.0   86.2   4.9   0.19	Other Excluding Natural Gas	885	28.4	21.9	9.7	40.7	115.9	5.1	0.16	5.78	
Electricity	Buildings without Heating	Q	Q	Q	6.1	16.9	160.3	Q	Q	6.25	
Electricity	Primary Space-Heating										
Natural Gas	Energy Source										
Fuel Dil	=-	827	32.5	25.5	11.7	39.0	86.2	4.9	0.19	5.86	
District Heat	Natural Gas	711	47.6	39.8	16.8	34.2	75.4	3.8	0.25	5.28	
Propane	Fuel Oil	Q	18.5	13.2	4.2	17.8	17.8	Q	0.12	6.59	
Coling Energy Source	District Heat	1,422	21.9	14.9	1.5	8.3	56.9	6.8	0.10	4.75	
Natural Gas	Propane	Q	Q	Q	4.1	4.1	4.1	Q	Q	Q	
Natural Gas	Other	Q	Q	Q	12.9	44.1	44.1	Q	Q	Q	
Other Excluding Natural Gas         768         41.8         32.7         16.0         33.6         71.5         4.2         0.23           Buildings without Cooling         548         54.4         93.3         11.5         36.8         80.9         2.9         0.28           Water-Heating Energy Source           Natural Gas         927         48.3         39.2         16.8         38.0         81.8         5.0         0.26           Chefe Excluding Natural Gas         599         33.0         24.7         15.6         32.6         60.8         3.2         0.18           Buildings without Water Heating         323         37.1         38.1         13.1         26.7         69.2         1.9         0.22           Cooking Energy Source           Natural Gas         1,584         47.7         37.5         26.2         66.5         161.8         8.0         0.24           Other Excluding Natural Gas         1,043         37.2         31.3         18.8         43.0         91.6         6.0         0.21           Buildings with Ocoking         512         41.0         33.6         14.1         29.8         60.6         2.9         0.23           Bui	Cooling Energy Source										
Buildings without Cooling   548   544   93.3   11.5   36.8   80.9   2.9   0.28	Natural Gas	696	51.6	34.7	15.2	34.0	81.1	3.7	0.27	5.25	
Water-Heating Energy Source           Natural Gas         927         48.3         39.2         16.8         38.0         81.8         5.0         0.26           Other Excluding Natural Gas         599         33.0         24.7         15.6         32.6         60.8         3.2         0.18           Buildings without Water Heating         323         37.1         38.1         13.1         26.7         69.2         1.9         0.22           Cooking Energy Source           Natural Gas         1,584         47.7         37.5         26.2         66.5         161.8         8.0         0.24           Other Excluding Natural Gas         1,043         37.2         31.3         18.8         43.0         91.6         6.0         0.21           Buildings without Cooking         512         41.0         33.6         14.1         29.8         60.6         2.9         0.23           Energy End Uses (more than           one may apply)         512         41.0         34.9         16.0         34.2         75.4         3.9         0.23           Buildings with Space Heating         734         42.8         34.9         16.0         34.2         75.4         <	Other Excluding Natural Gas	768	41.8	32.7	16.0	33.6	71.5	4.2	0.23	5.42	
Natural Gas	Buildings without Cooling	548	54.4	93.3	11.5	36.8	80.9	2.9	0.28	5.24	
Other Excluding Natural Gas         599         33.0         24.7         15.6         32.6         60.8         3.2         0.18           Buildings without Water Heating         323         37.1         38.1         13.1         26.7         69.2         1.9         0.22           Cooking Energy Source         Natural Gas         1,584         47.7         37.5         26.2         66.5         161.8         8.0         0.24           Other Excluding Natural Gas         1,043         37.2         31.3         18.8         43.0         91.6         6.0         0.21           Buildings without Cooking         512         41.0         33.6         14.1         29.8         60.6         2.9         0.23           Energy End Uses (more than one may apply)           Buildings with Space Heating         734         42.8         34.9         16.0         34.2         75.4         3.9         0.23           Buildings with Space Heating         763         42.3         32.8         15.9         33.6         72.0         4.1         0.23           Buildings with Water Heating         827         43.8         34.7         16.0         35.1         76.7         4.4         0.23      <	Water-Heating Energy Source										
Buildings without Water Heating   323   37.1   38.1   13.1   26.7   69.2   1.9   0.22	Natural Gas	927	48.3	39.2	16.8	38.0	81.8	5.0	0.26	5.36	
Cooking Energy Source Natural Gas	Other Excluding Natural Gas	599	33.0	24.7	15.6	32.6	60.8	3.2	0.18	5.35	
Natural Gas         1,584         47.7         37.5         26.2         66.5         161.8         8.0         0.24           Other Excluding Natural Gas         1,043         37.2         31.3         18.8         43.0         91.6         6.0         0.21           Buildings without Cooking         512         41.0         33.6         14.1         29.8         60.6         2.9         0.23           Energy End Uses (more than one may apply)           Buildings with Space Heating         734         42.8         34.9         16.0         34.2         75.4         3.9         0.23           Buildings with Cooking         763         42.3         32.8         15.9         33.6         72.0         4.1         0.23           Buildings with Water Heating         827         43.8         34.7         16.0         35.1         76.7         4.4         0.23           Buildings with Manufacturing         1,488         46.0         36.6         25.5         64.2         128.1         7.6         0.24           Buildings with Blectricity         Generation         3,885         50.1         33.5         25.5         57.0         95.7         17.7         0.23 <td< td=""><td>Buildings without Water Heating</td><td>323</td><td>37.1</td><td>38.1</td><td>13.1</td><td>26.7</td><td>69.2</td><td>1.9</td><td>0.22</td><td>5.85</td></td<>	Buildings without Water Heating	323	37.1	38.1	13.1	26.7	69.2	1.9	0.22	5.85	
Other Excluding Natural Gas         1,043         37.2         31.3         18.8         43.0         91.6         6.0         0.21           Buildings without Cooking         512         41.0         33.6         14.1         29.8         60.6         2.9         0.23           Energy End Uses (more than           one may apply)           Buildings with Space Heating         734         42.8         34.9         16.0         34.2         75.4         3.9         0.23           Buildings with Cooling         763         42.3         32.8         15.9         33.6         72.0         4.1         0.23           Buildings with Water Heating         827         43.8         34.7         16.0         35.1         76.7         4.4         0.23           Buildings with Manufacturing         1,484         46.0         36.6         25.5         64.2         128.1         7.6         0.24           Buildings with Electricity         3,885         50.1         33.5         25.5         57.0         95.7         17.7         0.23           Percent of Floorspace Heated           Not Heated         Q         Q         Q         6.1         16.9 <td< td=""><td>Cooking Energy Source</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Cooking Energy Source										
Buildings without Cooking	Natural Gas	1,584	47.7	37.5	26.2	66.5	161.8	8.0	0.24	5.02	
Energy End Uses (more than one may apply)  Buildings with Space Heating 734 42.8 34.9 16.0 34.2 75.4 3.9 0.23  Buildings with Cooling 763 42.3 32.8 15.9 33.6 72.0 4.1 0.23  Buildings with Water Heating 827 43.8 34.7 16.0 35.1 76.7 4.4 0.23  Buildings with Cooking 1,488 46.0 36.6 25.5 64.2 128.1 7.6 0.24  Buildings with Manufacturing 1,434 47.5 35.5 18.0 30.1 58.3 8.2 0.27  Buildings with Electricity  Generation 3,885 50.1 33.5 25.5 57.0 95.7 17.7 0.23  Percent of Floorspace Heated  Not Heated Q Q Q Q 6.1 16.9 160.3 Q Q  1 to 50 391 25.9 41.2 9.3 17.3 47.0 2.1 0.14  51 to 99 759 41.6 35.8 16.0 35.3 81.8 4.3 0.24  100 788 45.7 34.2 18.3 37.2 77.5 4.2 0.24  Percent of Floorspace Cooled  Not Cooled 548 54.4 93.3 11.5 36.8 80.9 2.9 0.28  1 to 50 802 45.2 54.2 13.8 36.1 70.5 4.3 0.24	Other Excluding Natural Gas	1,043	37.2	31.3	18.8	43.0	91.6	6.0	0.21	5.71	
one may apply)           Buildings with Space Heating         734         42.8         34.9         16.0         34.2         75.4         3.9         0.23           Buildings with Cooling         763         42.3         32.8         15.9         33.6         72.0         4.1         0.23           Buildings with Water Heating         827         43.8         34.7         16.0         35.1         76.7         4.4         0.23           Buildings with Cooking         1,488         46.0         36.6         25.5         64.2         128.1         7.6         0.24           Buildings with Manufacturing         1,434         47.5         35.5         18.0         30.1         58.3         8.2         0.27           Buildings with Electricity         Generation         3,885         50.1         33.5         25.5         57.0         95.7         17.7         0.23           Percent of Floorspace Heated           Not Heated         Q         Q         Q         6.1         16.9         160.3         Q         Q           1 to 50         391         25.9         41.2         9.3         17.3         47.0         2.1         0.14           51	Buildings without Cooking	512	41.0	33.6	14.1	29.8	60.6	2.9	0.23	5.65	
Buildings with Space Heating       734       42.8       34.9       16.0       34.2       75.4       3.9       0.23         Buildings with Cooling       763       42.3       32.8       15.9       33.6       72.0       4.1       0.23         Buildings with Water Heating       827       43.8       34.7       16.0       35.1       76.7       4.4       0.23         Buildings with Cooking       1,488       46.0       36.6       25.5       64.2       128.1       7.6       0.24         Buildings with Manufacturing       1,434       47.5       35.5       18.0       30.1       58.3       8.2       0.27         Buildings with Electricity       Generation       3,885       50.1       33.5       25.5       57.0       95.7       17.7       0.23         Percent of Floorspace Heated         Not Heated       Q       Q       Q       6.1       16.9       160.3       Q       Q         1 to 50       391       25.9       41.2       9.3       17.3       47.0       2.1       0.14         51 to 99       759       41.6       35.8       16.0       35.3       81.8       4.3       0.24 <td cols<="" td=""><td>Energy End Uses (more than</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td>	<td>Energy End Uses (more than</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Energy End Uses (more than									
Buildings with Cooling       763       42.3       32.8       15.9       33.6       72.0       4.1       0.23         Buildings with Water Heating       827       43.8       34.7       16.0       35.1       76.7       4.4       0.23         Buildings with Cooking       1,488       46.0       36.6       25.5       64.2       128.1       7.6       0.24         Buildings with Manufacturing       1,434       47.5       35.5       18.0       30.1       58.3       8.2       0.27         Buildings with Electricity       Generation       3,885       50.1       33.5       25.5       57.0       95.7       17.7       0.23         Percent of Floorspace Heated         Not Heated       Q       Q       Q       6.1       16.9       160.3       Q       Q         1 to 50       391       25.9       41.2       9.3       17.3       47.0       2.1       0.14         51 to 99       759       41.6       35.8       16.0       35.3       81.8       4.3       0.24         Percent of Floorspace Cooled         Not Cooled       548       54.4       93.3       11.5       36.8       80.9       2.9 </td <td></td>											
Buildings with Water Heating       827       43.8       34.7       16.0       35.1       76.7       4.4       0.23         Buildings with Cooking       1,488       46.0       36.6       25.5       64.2       128.1       7.6       0.24         Buildings with Manufacturing       1,434       47.5       35.5       18.0       30.1       58.3       8.2       0.27         Buildings with Electricity       Generation       3,885       50.1       33.5       25.5       57.0       95.7       17.7       0.23         Percent of Floorspace Heated         Not Heated       Q       Q       Q       6.1       16.9       160.3       Q       Q       Q       11.4       51.0       9.3       17.3       47.0       2.1       0.14       51.0       99       95.7       17.7       0.23       17.3       47.0       2.1       0.14       16.9       160.3       Q       Q       Q       11.4       16.9       160.3       Q       Q       Q       16.1       16.9       160.3       Q       Q       Q       16.1       16.9       160.3       81.8       4.3       0.24       160.0       35.3       81.8       4.3       0.24										5.37	
Buildings with Cooking       1,488       46.0       36.6       25.5       64.2       128.1       7.6       0.24         Buildings with Manufacturing       1,434       47.5       35.5       18.0       30.1       58.3       8.2       0.27         Buildings with Electricity       Generation       3,885       50.1       33.5       25.5       57.0       95.7       17.7       0.23         Percent of Floorspace Heated         Not Heated       Q       Q       Q       6.1       16.9       160.3       Q       X       Q       Q       Q<										5.41	
Buildings with Manufacturing       1,434       47.5       35.5       18.0       30.1       58.3       8.2       0.27         Buildings with Electricity       3,885       50.1       33.5       25.5       57.0       95.7       17.7       0.23         Percent of Floorspace Heated         Not Heated       Q       Q       Q       6.1       16.9       160.3       Q       Q       Q       11.0       16.9       160.3       Q <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5.36</td>										5.36	
Buildings with Electricity Generation										5.11	
Generation       3,885       50.1       33.5       25.5       57.0       95.7       17.7       0.23         Percent of Floorspace Heated         Not Heated       Q       Q       Q       6.1       16.9       160.3       Q       Q         1 to 50       391       25.9       41.2       9.3       17.3       47.0       2.1       0.14         51 to 99       759       41.6       35.8       16.0       35.3       81.8       4.3       0.24         100       788       45.7       34.2       18.3       37.2       77.5       4.2       0.24         Percent of Floorspace Cooled         Not Cooled       548       54.4       93.3       11.5       36.8       80.9       2.9       0.28         1 to 50       802       45.2       54.2       13.8       36.1       70.5       4.3       0.24	_	1,434	47.5	35.5	18.0	30.1	58.3	8.2	0.27	5.74	
Percent of Floorspace Heated         Not Heated       Q       Q       Q       6.1       16.9       160.3       Q       Q       Q       Q       10.14       16.0       16.0       2.1       0.14       16.1       16.0	- · · · · · · · · · · · · · · · · · · ·	3.885	50.1	33.5	25.5	57.0	95.7	17.7	0.23	4.55	
Not Heated         Q         Q         Q         Q         6.1         16.9         160.3         Q         Q           1 to 50         391         25.9         41.2         9.3         17.3         47.0         2.1         0.14           51 to 99         759         41.6         35.8         16.0         35.3         81.8         4.3         0.24           100         788         45.7         34.2         18.3         37.2         77.5         4.2         0.24           Percent of Floorspace Cooled           Not Cooled         548         54.4         93.3         11.5         36.8         80.9         2.9         0.28           1 to 50         802         45.2         54.2         13.8         36.1         70.5         4.3         0.24		-,							0.20		
1 to 50       391       25.9       41.2       9.3       17.3       47.0       2.1       0.14         51 to 99       759       41.6       35.8       16.0       35.3       81.8       4.3       0.24         100       788       45.7       34.2       18.3       37.2       77.5       4.2       0.24         Percent of Floorspace Cooled         Not Cooled       548       54.4       93.3       11.5       36.8       80.9       2.9       0.28         1 to 50       802       45.2       54.2       13.8       36.1       70.5       4.3       0.24		۵	O	۵	6.1	16.9	160 3	Ω	۵	6.25	
51 to 99       759       41.6       35.8       16.0       35.3       81.8       4.3       0.24         100       788       45.7       34.2       18.3       37.2       77.5       4.2       0.24         Percent of Floorspace Cooled         Not Cooled       548       54.4       93.3       11.5       36.8       80.9       2.9       0.28         1 to 50       802       45.2       54.2       13.8       36.1       70.5       4.3       0.24										5.39	
100     788     45.7     34.2     18.3     37.2     77.5     4.2     0.24       Percent of Floorspace Cooled       Not Cooled     548     54.4     93.3     11.5     36.8     80.9     2.9     0.28       1 to 50     802     45.2     54.2     13.8     36.1     70.5     4.3     0.24										5.66	
Not Cooled       548       54.4       93.3       11.5       36.8       80.9       2.9       0.28         1 to 50       802       45.2       54.2       13.8       36.1       70.5       4.3       0.24										5.30	
Not Cooled       548       54.4       93.3       11.5       36.8       80.9       2.9       0.28         1 to 50       802       45.2       54.2       13.8       36.1       70.5       4.3       0.24	Percent of Floorspace Cooled										
1 to 50	•	548	54.4	93.3	11.5	36.8	80.9	2.9	0.28	5.24	
										5.32	
51.0.99	51 to 99	1,052	45.1	33.3	16.9	35.8	89.8	5.6	0.24	5.34	
100										5.56	

Table C16. Natural Gas Consumption and Expenditure Intensities, 1999

	Natural Gas Consumption								
		nor		Distribution of Building-Level Intensities (cubic feet/square foot)			Natural Gas Expenditures		
	per Building (thousand cubic feet)	per Square Foot (cubic feet)	per Worker (thousand cubic feet)	25th Percentile	Median	75th Percentile	per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Cubic Feet (dollars)
Heating Equipment (more									
than one may apply)									
Heat Pumps	1,467	50.5	41.1	11.5	27.7	84.4	7.6	0.26	5.21
Furnaces	499	46.0	42.1	16.8	32.4	66.5	2.8	0.26	5.55
Individual Space Heaters		38.0	37.9	14.8	30.4	63.5	4.7	0.20	5.27
District Heat	1,897	31.8	19.4	3.2	16.3	114.5	9.4	0.16	4.98
Boilers		49.3	38.7	24.7	45.7	84.1	9.5	0.24	4.86
Packaged Heating Units	854	40.1	32.8	14.4	32.1	68.2	4.6	0.21	5.35
Other		48.4	34.5	12.9	28.5	71.1	7.8	0.21	4.31
Cooling Equipment (more									
than one may apply)									
Residential-Type Central									
Air Conditioners	570	42.1	36.8	17.4	29.8	63.1	3.1	0.23	5.37
Heat Pumps	1,451	49.1	37.7	15.1	27.7	64.2	7.6	0.26	5.22
Individual Air Conditioners	932	44.1	39.2	17.8	41.0	84.1	5.0	0.24	5.33
District Chilled Water	2,447	38.9	26.9	8.3	15.2	42.0	10.8	0.17	4.40
Central Chillers	4,942	50.0	30.7	21.5	42.9	86.2	22.4	0.23	4.53
Packaged Air Conditioning	.,								
Units	855	41.4	32.1	14.4	35.8	72.0	4.6	0.22	5.41
Swamp Coolers	817	50.8	47.8	18.5	32.9	111.3	4.3	0.27	5.23
Other		50.4	38.4	25.0	31.7	34.0	Q	0.22	4.42
Main Equipment Replaced Since									
1995 (more than one may apply)									
Heating	639	40.6	32.7	18.3	37.6	77.5	3.7	0.24	5.80
Cooling	786	42.1	31.4	15.9	39.3	84.1	4.3	0.23	5.45
Water Heating Equipment									
Centralized System	716	46.2	37.6	16.9	36.6	81.8	4.0	0.26	5.53
Distributed System	791	35.6	29.0	10.3	22.1	49.6	4.1	0.19	5.21
Combination of Centralized									
and Distributed System	2,236	43.6	30.7	20.5	42.5	76.7	10.8	0.21	4.81
Annual Consumption									
(hundred cubic feet)									
1,000 or Less	52	8.3	7.9	6.5	11.5	21.8	0.4	0.07	8.11
1,001 to 5,000	252	26.8	21.7	23.2	42.2	72.0	1.7	0.18	6.81
5,001 to 10,000	696	35.0	26.5	29.3	56.4	147.8	4.1	0.21	5.93
10,001 to 25,000	1,533	45.3	37.6	37.3	85.6	247.8	8.8	0.26	5.75
25,001 to 50,000	3,347	44.0	35.5	37.9	67.1	144.0	17.1	0.22	5.09
50,001 to 100,000	6,742	70.6	61.5	56.8	115.0	577.2	35.2	0.37	5.21
Over 100,000	30,101	95.8	68.5	60.5	102.5	171.1	121.6	0.39	4.04
Provider of Natural Gas									
(more than one may apply)									
Local Utility		41.2	33.7	14.8	33.1	73.1	3.7	0.23	5.50
Some Other Provider	2,237	65.4	48.5	30.4	46.5	86.2	10.3	0.30	4.62

Q=Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or fewer than 20 buildings were sampled. N=No responding cases in sample.

Notes: \* Statistics for the "energy end uses" represent consumption in buildings that have the end use, not consumption for a particular fuel for a particular end use. \* Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 1999 Commercial Buildings Energy Consumption Survey.