

**Table 30. Fuels and Equipment Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Congressional District County Place and [In Selected States] County Subdivision [10,000 or More Persons]	All occupied housing units	Percent with—								
		House heating fuel					Vehicles available			No telephone in unit
		Utility gas	Bottled, tank, or LP gas	Electricity	Fuel oil, kero- sene, etc.	Other or none	None	1	2 or more	
<b>The State</b> -----	<b>4 087 546</b>	<b>68.2</b>	<b>3.8</b>	<b>16.8</b>	<b>7.5</b>	<b>3.8</b>	<b>10.2</b>	<b>33.1</b>	<b>56.8</b>	<b>4.7</b>
District 1 -----	223 649	73.7	1.1	20.0	2.7	2.6	19.8	36.3	43.9	4.6
<b>COUNTY</b>										
Hamilton County (pt.) -----	223 649	73.7	1.1	20.0	2.7	2.6	19.8	36.3	43.9	4.6
<b>PLACE AND COUNTY SUBDIVISION</b>										
Bridgetown North CDP -----	4 496	86.7	.1	10.2	1.6	1.4	6.5	33.1	60.5	—
Cincinnati city (pt.) -----	129 390	74.3	1.3	20.4	.5	3.4	28.7	40.4	30.9	6.9
Finneytown CDP -----	4 762	92.4	.3	5.7	.8	.8	2.8	27.8	69.3	.3
Forest Park city (pt.) -----	6 545	67.5	.2	31.6	.2	.5	3.7	28.9	67.4	.9
Northbrook CDP -----	3 870	70.6	.6	26.3	.9	1.6	3.1	30.4	66.6	1.7
North College Hill city -----	4 295	82.5	.1	15.3	1.3	.8	10.8	39.2	50.0	1.3
Norwood city (pt.) -----	—	—	—	—	—	—	—	—	—	—
White Oak CDP -----	4 705	72.1	.9	21.6	2.5	3.0	4.2	36.8	59.0	1.5
District 2 -----	211 180	48.2	4.7	28.7	14.3	4.2	6.2	29.3	64.5	3.5
<b>COUNTY</b>										
Adams County -----	9 192	16.7	17.8	20.0	23.5	22.0	10.7	33.1	56.3	17.6
Brown County -----	12 379	15.8	16.7	31.5	24.2	11.7	7.2	27.0	65.9	10.7
Clermont County -----	52 726	21.6	6.9	43.2	23.9	4.4	4.8	26.8	68.4	3.0
Hamilton County (pt.) -----	115 232	67.8	1.5	21.5	7.3	1.9	7.0	31.5	61.5	1.8
Warren County (pt.) -----	21 651	40.6	3.5	34.0	17.9	3.9	3.4	23.3	73.3	3.7
<b>PLACE AND COUNTY SUBDIVISION</b>										
Blue Ash city -----	4 527	51.1	.3	39.7	8.6	.3	2.2	27.2	70.6	.7
Cincinnati city (pt.) -----	24 952	80.3	.5	15.7	1.0	2.5	11.1	44.3	44.6	2.3
Fairfield city (pt.) -----	—	—	—	—	—	—	—	—	—	—
Forest Park city (pt.) -----	—	—	—	—	—	—	—	—	—	—
Franklin city -----	4 071	67.3	.7	26.1	4.7	1.2	4.4	35.8	59.8	6.9
Mason city (pt.) -----	1 780	28.9	1.1	49.7	16.9	3.4	6.1	21.8	72.1	2.0
Middletown city (pt.) -----	13	46.2	—	—	53.8	—	—	—	100.0	—
Norwood city (pt.) -----	9 689	89.9	.7	6.8	.3	2.3	16.0	39.7	44.3	6.2
Reading city -----	4 881	77.6	1.6	15.9	1.9	3.1	6.7	39.9	53.3	2.8
Sharonville city (pt.) -----	4 737	71.4	.8	20.6	4.3	2.8	5.0	34.3	60.8	1.2
Springdale city -----	4 235	64.8	.5	30.2	3.9	.6	6.3	33.6	60.1	.7
District 3 -----	225 180	70.1	1.9	23.3	3.1	1.6	10.7	34.6	54.7	4.1
<b>COUNTY</b>										
Montgomery County (pt.) -----	225 180	70.1	1.9	23.3	3.1	1.6	10.7	34.6	54.7	4.1
<b>PLACE AND COUNTY SUBDIVISION</b>										
Centerville city -----	8 328	56.6	.6	41.1	1.4	.3	2.4	32.0	65.6	.2
Dayton city -----	72 670	80.7	1.4	15.1	.6	2.3	22.4	40.1	37.5	8.8
Englewood city -----	4 500	57.9	.4	39.3	1.2	1.2	5.8	30.9	63.3	2.1
Huber Heights city (pt.) -----	13 504	65.1	1.0	30.5	2.3	1.1	2.5	27.0	70.6	.9
Kettering city (pt.) -----	26 098	83.7	.4	14.7	.5	.7	5.5	37.6	57.0	.9
Miamisburg city -----	6 636	66.4	.6	29.7	2.1	1.3	7.4	28.4	64.2	3.8
Northview CDP -----	3 702	57.0	1.1	36.7	4.6	.6	.9	23.5	75.6	.9
Overlook-Page Manor CDP -----	5 135	89.9	—	9.3	.3	.5	5.0	29.6	65.4	1.6
Shiloh CDP -----	5 825	77.2	1.6	18.8	1.0	1.3	8.4	43.1	48.5	1.5
Vandalia city -----	5 709	59.2	.6	36.5	2.5	1.3	4.5	31.7	63.8	1.5
West Carrollton City city -----	6 022	64.4	1.9	30.2	2.7	.8	5.1	34.0	60.9	1.7
District 4 -----	210 362	58.9	7.1	17.9	10.1	6.0	7.3	31.8	60.9	6.3
<b>COUNTY</b>										
Allen County -----	39 408	65.0	5.1	22.1	4.7	3.2	8.4	32.6	59.0	5.0
Auglaize County (pt.) -----	12 237	51.1	14.0	20.9	7.2	6.8	5.1	30.5	64.4	4.3
Crawford County -----	18 383	63.7	3.1	13.9	13.8	5.5	7.7	32.8	59.5	8.8
Hancock County -----	24 642	61.1	9.5	20.6	5.1	3.6	4.8	32.2	62.9	4.0
Hardin County -----	11 250	50.2	15.0	19.8	6.9	8.2	7.7	32.3	60.0	8.0
Knox County (pt.) -----	7 965	41.5	12.3	15.0	16.1	15.1	4.7	25.5	69.8	5.0
Logan County (pt.) -----	7 596	41.8	16.0	17.5	14.7	10.1	5.3	31.9	62.8	7.7
Marion County -----	23 484	68.7	3.6	15.5	8.3	4.0	8.7	34.2	57.1	8.8
Morrow County -----	9 656	21.1	16.2	16.7	30.3	15.7	4.5	24.4	71.2	7.9
Richland County -----	47 573	65.4	2.7	15.1	11.5	5.2	8.8	32.5	58.7	6.1
Wyandot County -----	8 168	48.1	8.5	19.6	13.7	10.1	5.9	29.6	64.5	6.3
<b>PLACE AND COUNTY SUBDIVISION</b>										
Bucyrus city -----	5 426	80.4	.7	14.5	2.8	1.6	11.8	37.3	50.9	13.0
Findlay city -----	14 108	80.2	1.0	17.5	.5	.8	6.6	38.9	54.6	4.8
Fostoria city (pt.) -----	1 249	79.8	—	19.1	1.0	—	6.6	37.6	55.8	1.8
Galion city -----	4 805	88.1	.4	9.0	.8	1.7	10.4	40.0	49.6	11.0
Lima city -----	16 311	80.9	.9	15.5	1.2	1.4	14.9	40.8	44.3	9.1
Mansfield city -----	20 197	81.4	.8	14.8	1.4	1.6	14.4	40.0	45.6	9.1
Marion city -----	13 179	87.4	.3	9.8	1.0	1.5	12.5	39.7	47.8	12.2
Mount Vernon city (pt.) -----	290	67.6	3.1	26.9	2.4	—	6.9	41.4	51.7	7.9
District 5 -----	206 481	54.4	12.1	19.0	9.2	5.3	5.4	30.2	64.4	5.1
<b>COUNTY</b>										
Defiance County -----	14 070	37.8	16.3	24.4	14.9	6.6	5.5	30.4	64.2	6.0
Erie County -----	28 932	71.2	5.9	14.3	5.4	3.3	6.4	33.2	60.4	4.1
Henry County -----	10 401	53.9	21.8	10.4	8.9	5.0	4.1	28.9	67.0	4.5
Huron County -----	20 239	54.3	10.9	17.4	10.2	7.3	6.2	32.1	61.7	6.4
Lorain County (pt.) -----	12 375	50.6	10.0	19.4	12.4	7.5	4.2	21.2	74.6	3.3
Mercer County (pt.) -----	1 905	15.6	28.2	29.1	14.2	12.8	4.1	22.4	73.5	4.0
Ottawa County (pt.) -----	10 087	53.8	17.7	14.5	11.8	2.2	5.3	33.5	61.2	4.4

**CONGRESSIONAL DISTRICTS OF THE 103RD CONGRESS**

Table 30. Fuels and Equipment Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Congressional District County Place and [In Selected States] County Subdivision [10,000 or More Persons]	All occupied housing units	Percent with—								
		House heating fuel					Vehicles available			No telephone in unit
		Utility gas	Bottled, tank, or LP gas	Electricity	Fuel oil, kero- sene, etc.	Other or none	None	1	2 or more	
District 5 —Con.										
<b>COUNTY—Con.</b>										
Paulding County .....	7 252	24.1	14.8	38.8	14.8	7.6	4.1	25.4	70.5	6.6
Putnam County .....	11 082	23.9	15.4	39.3	15.9	5.6	3.9	24.5	71.6	3.2
Sandusky County .....	22 464	62.1	14.4	14.1	6.2	3.2	5.6	31.6	62.7	5.9
Seneca County .....	21 277	56.5	9.3	17.6	9.9	6.7	6.7	31.9	61.4	5.8
Van Wert County .....	11 266	47.5	10.5	28.2	8.4	5.4	4.5	29.1	66.4	4.8
Williams County .....	13 807	54.8	11.4	16.2	9.6	8.0	5.7	31.2	63.1	6.5
Wood County (pt.) .....	21 324	68.1	10.1	15.0	3.9	2.9	4.9	30.2	65.0	4.8
<b>PLACE AND COUNTY SUBDIVISION</b>										
Bowling Green city (pt.) .....	5 146	80.5	1.0	16.5	.8	1.2	6.4	37.9	55.7	4.6
Defiance city .....	6 186	62.9	5.5	19.3	10.0	2.3	6.8	38.4	54.7	6.2
Fostoria city (pt.) .....	4 528	81.9	1.1	14.0	1.1	1.8	9.9	43.2	46.9	11.6
Fremont city .....	6 650	84.9	1.2	12.6	.5	.8	10.3	39.2	50.5	7.7
Norwalk city .....	5 663	78.3	.5	19.4	.9	1.0	8.2	39.9	51.9	5.8
Perrysburg city (pt.) .....	4 519	83.3	.6	15.3	.6	.2	6.4	27.9	65.8	.5
Sandusky city .....	12 059	85.7	1.1	10.7	.4	2.2	10.9	43.8	45.2	7.5
Tiffin city .....	7 009	83.6	.7	14.1	.8	.8	10.4	37.6	52.0	4.8
Van Wert city .....	4 389	70.8	1.2	24.5	2.6	.9	7.2	37.9	54.9	6.0
Vermilion city .....	3 974	71.1	2.2	20.2	2.6	3.9	4.0	24.5	71.5	1.6
District 6 .....	209 836	43.7	8.9	23.2	12.1	12.0	9.7	32.5	57.8	10.0
<b>COUNTY</b>										
Athens County .....	20 139	53.4	9.4	20.0	5.8	11.4	11.8	35.8	52.4	10.7
Clinton County .....	13 038	37.6	10.3	25.0	19.5	7.6	8.1	29.5	62.3	7.6
Gallia County .....	11 367	31.1	10.8	30.7	13.2	14.2	9.7	32.2	58.1	8.8
Highland County .....	13 230	28.2	12.4	22.7	22.5	14.1	8.4	31.0	60.5	12.1
Hocking County .....	9 351	45.5	11.1	17.7	9.6	16.1	7.2	31.1	61.7	11.1
Jackson County .....	11 260	46.4	9.8	15.6	10.3	17.9	12.0	32.2	55.8	11.6
Lawrence County .....	22 899	44.7	7.2	29.2	6.6	12.3	10.3	35.1	54.6	10.5
Meigs County .....	8 662	38.0	16.3	21.4	9.1	15.1	12.2	32.0	55.9	13.1
Pike County .....	8 805	25.3	14.2	22.1	18.2	20.1	11.3	33.4	55.3	14.7
Ross County (pt.) .....	16 095	46.6	7.8	17.5	16.8	11.3	10.4	33.4	56.2	10.6
Scioto County .....	29 786	43.4	9.2	22.9	11.9	12.6	12.2	36.2	51.6	11.2
Vinton County .....	4 069	24.5	17.8	14.0	16.0	27.7	9.0	27.7	63.3	17.6
Warren County (pt.) .....	17 499	27.3	3.4	41.8	22.3	5.1	3.5	24.2	72.3	4.9
Washington County .....	23 636	73.6	3.6	14.7	2.0	6.2	8.1	32.5	59.4	6.0
<b>PLACE AND COUNTY SUBDIVISION</b>										
Athens city .....	5 793	76.6	.8	20.6	.3	1.6	15.3	42.9	41.7	6.7
Chillicothe city (pt.) .....	8 205	84.9	.6	12.5	1.1	.8	14.5	38.5	47.0	8.9
Ironton city .....	5 304	77.3	1.0	17.6	1.4	2.8	16.6	41.7	41.7	9.3
Lebanon city .....	3 992	59.5	.9	34.3	1.6	3.7	7.3	31.6	61.1	7.0
Marietta city .....	5 935	86.5	.4	11.7	.5	1.0	14.6	42.1	43.2	7.6
Mason city (pt.) .....	2 383	35.3	.3	52.0	9.1	3.3	1.2	28.0	70.8	2.4
Portsmouth city .....	9 638	82.3	.8	12.2	.9	3.7	21.1	43.0	35.9	13.5
Wilmingon city .....	4 430	68.5	2.0	26.1	1.9	1.4	12.5	38.4	49.1	8.6
District 7 .....	205 316	55.0	6.1	22.2	12.1	4.6	6.7	29.2	64.1	5.3
<b>COUNTY</b>										
Champaign County .....	13 253	38.7	12.9	21.0	19.5	8.0	7.0	26.7	66.3	6.7
Clark County .....	55 198	76.4	2.8	10.0	8.6	2.2	8.7	32.6	58.6	5.4
Fairfield County .....	36 813	54.3	5.0	24.4	10.8	5.6	5.5	26.0	68.5	3.9
Fayette County .....	10 221	48.3	7.8	25.6	12.3	6.1	9.6	32.3	58.1	9.8
Greene County .....	48 351	48.9	3.7	32.2	12.2	3.1	5.3	27.8	66.9	3.0
Logan County (pt.) .....	8 356	45.7	10.1	26.7	11.6	5.9	7.5	33.4	59.1	6.4
Pickaway County (pt.) .....	13 857	50.9	9.9	18.5	14.7	6.0	6.5	28.4	65.1	9.6
Ross County (pt.) .....	8 230	22.0	12.8	35.1	20.2	9.9	5.8	28.4	65.7	7.2
Union County .....	11 037	40.7	14.8	21.1	15.7	7.8	5.1	26.2	68.7	6.2
<b>PLACE AND COUNTY SUBDIVISION</b>										
Beavercreek city .....	11 693	20.6	2.6	45.2	29.4	2.2	1.6	18.1	80.3	.4
Bellefontaine city .....	4 759	68.8	2.9	23.2	3.4	1.8	10.0	40.0	50.0	9.3
Chillicothe city (pt.) .....	851	80.7	.7	14.2	2.9	1.4	8.5	36.3	55.2	5.8
Circleville city .....	4 659	85.2	.6	11.7	1.5	1.0	10.7	35.6	53.7	11.5
Columbus city (pt.) .....	309	100.0	—	—	—	—	2.3	26.9	70.9	—
Dublin city (pt.) .....	7	—	—	—	100.0	—	—	—	100.0	—
Fairborn city .....	12 673	64.3	.7	33.7	.7	.6	7.9	38.6	53.6	4.8
Kettering city (pt.) .....	—	—	—	—	—	—	—	—	—	—
Lancaster city .....	13 981	78.2	.5	18.6	1.6	1.1	9.3	37.1	53.6	6.1
Reynoldsburg city (pt.) .....	—	—	—	—	—	—	—	—	—	—
Springfield city .....	27 247	89.4	.7	8.2	.6	1.1	14.3	40.9	44.8	8.9
Urbania city .....	4 513	79.0	1.9	15.4	2.8	.9	11.5	37.2	51.3	7.4
Washington city .....	5 087	75.9	.7	21.9	.5	1.0	14.2	40.6	45.2	12.1
Xenia city .....	9 048	72.9	1.2	22.9	1.3	1.6	10.2	34.7	55.2	6.1
District 8 .....	204 770	49.1	5.8	27.7	13.6	3.8	5.9	29.0	65.1	4.5
<b>COUNTY</b>										
Auglaize County (pt.) .....	3 739	63.7	7.5	18.3	5.0	5.4	3.0	29.0	68.0	2.0
Butler County .....	104 535	52.8	2.6	30.1	12.5	2.1	6.8	29.2	64.1	4.2
Darke County .....	19 459	37.4	12.2	27.3	16.2	6.9	5.6	29.4	65.0	5.3
Mercer County (pt.) .....	11 493	46.9	11.3	23.0	13.5	5.2	4.2	29.1	66.7	4.1
Miami County .....	34 559	56.2	5.6	22.7	12.0	3.5	5.7	29.3	65.0	4.7
Montgomery County (pt.) .....	1 012	23.4	9.0	23.9	34.8	8.9	1.5	16.5	82.0	1.4
Preble County .....	14 347	30.1	7.7	29.6	24.1	8.5	4.1	26.5	69.4	5.3
Shelby County .....	15 626	40.6	12.7	27.7	12.3	6.6	5.1	29.4	65.4	5.5

Table 30. Fuels and Equipment Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Congressional District County Place and [In Selected States] County Subdivision [10,000 or More Persons]	All occupied housing units	Percent with—								
		House heating fuel					Vehicles available			No telephone in unit
		Utility gas	Bottled, tank, or LP gas	Electricity	Fuel oil, kero- sene, etc.	Other or none	None	1	2 or more	
District 8 —Con.										
<b>PLACE AND COUNTY SUBDIVISION</b>										
Fairfield city (pt.) -----	15 289	31.6	1.5	55.7	10.7	.5	2.9	29.6	67.5	1.2
Greenville city -----	5 253	70.8	3.4	23.9	1.2	.7	9.6	43.2	47.2	6.1
Hamilton city -----	23 992	83.8	.9	11.0	3.5	.8	12.7	37.2	50.1	6.8
Huber Heights city (pt.) -----	6	—	—	—	100.0	—	—	—	100.0	—
Middletown city (pt.) -----	18 350	73.7	2.6	20.5	2.0	1.2	11.6	35.4	52.9	8.1
Oxford city -----	5 067	55.1	1.4	35.1	5.9	2.6	7.3	42.3	50.4	3.4
Piqua city -----	7 753	85.2	1.0	10.9	.8	2.1	10.0	37.5	52.5	8.2
Sharonville city (pt.) -----	738	86.2	—	12.1	1.8	—	1.6	34.6	63.8	—
Sidney city -----	7 044	73.9	.8	24.2	.3	.8	8.6	37.1	54.3	7.2
Troy city -----	7 649	76.4	.5	20.9	.7	1.4	7.6	36.6	55.7	6.1
District 9 -----	214 440	75.4	5.2	13.8	3.8	1.8	10.6	35.4	54.0	4.2
<b>COUNTY</b>										
Fulton County -----	13 504	53.9	23.1	11.3	6.5	5.1	4.1	27.1	68.8	4.3
Lucas County -----	177 500	79.1	2.9	13.6	3.1	1.4	12.0	36.7	51.4	4.5
Ottawa County (pt.) -----	5 083	49.5	20.6	11.6	12.9	5.4	3.8	23.6	72.7	1.8
Wood County (pt.) -----	18 353	63.1	10.9	18.0	6.0	2.0	4.6	32.2	63.2	2.2
<b>PLACE AND COUNTY SUBDIVISION</b>										
Bowling Green city (pt.) -----	3 356	75.1	3.0	21.5	—	.4	8.2	41.5	50.3	3.4
Maumee city -----	5 913	83.9	.3	13.0	2.1	.7	2.8	32.1	65.0	1.0
Oregon city -----	6 864	65.5	4.8	19.8	8.0	1.9	7.4	32.1	60.4	1.4
Perrysburg city (pt.) -----	299	95.7	3.0	1.3	—	—	6.0	40.8	53.2	—
Sylvania city -----	6 313	83.1	.7	14.0	1.5	.6	4.9	30.0	65.0	1.5
Toledo city -----	130 883	82.8	.9	13.1	2.1	1.1	14.8	39.6	45.6	5.5
District 10 -----	228 169	89.7	.7	7.5	.5	1.6	13.1	37.8	49.1	3.5
<b>COUNTY</b>										
Cuyahoga County (pt.) -----	228 169	89.7	.7	7.5	.5	1.6	13.1	37.8	49.1	3.5
<b>PLACE AND COUNTY SUBDIVISION</b>										
Bay Village city -----	6 235	93.9	.2	5.5	.1	.3	2.8	26.0	71.2	.2
Berea city -----	7 036	87.5	.6	10.1	.4	1.3	7.8	35.9	56.3	1.2
Brooklyn city (pt.) -----	5 150	89.0	.7	6.5	—	3.8	8.5	46.2	45.3	.7
Cleveland city (pt.) -----	88 315	93.9	.8	3.5	.3	1.5	21.7	40.7	37.6	7.8
Fairview Park city -----	7 769	91.5	1.3	5.0	.5	1.7	8.1	41.4	50.4	.7
Lakewood city -----	26 999	86.8	.9	7.6	.6	4.1	14.7	46.0	39.3	2.2
North Olmsted city -----	12 657	92.9	.8	5.2	.1	1.0	4.7	30.3	65.0	.4
Parma city -----	34 685	92.6	.5	5.8	.1	1.0	7.8	35.8	56.4	.4
Rocky River city -----	9 276	89.8	.9	7.9	.2	1.3	9.4	39.4	51.1	.4
Seven Hills city -----	4 537	97.4	.2	2.2	.2	—	4.3	26.3	69.4	.1
Strongsville city (pt.) -----	7 761	56.4	.5	40.4	2.0	.7	.9	14.5	84.6	.8
Westlake city -----	10 262	74.7	.7	23.3	.7	.5	2.9	32.8	64.3	.3
District 11 -----	227 563	87.4	1.4	8.5	.6	2.1	25.4	39.9	34.7	5.7
<b>COUNTY</b>										
Cuyahoga County (pt.) -----	227 563	87.4	1.4	8.5	.6	2.1	25.4	39.9	34.7	5.7
<b>PLACE AND COUNTY SUBDIVISION</b>										
Beachwood city (pt.) -----	456	95.2	—	4.8	—	—	1.5	30.9	67.5	—
Bedford city (pt.) -----	4 430	83.0	.1	14.8	.4	1.7	8.4	40.7	50.9	1.9
Bedford Heights city -----	5 354	72.7	1.0	16.4	8.0	2.0	10.4	44.6	45.0	1.7
Brooklyn city (pt.) -----	5	100.0	—	—	—	—	—	—	100.0	—
Cleveland city (pt.) -----	111 472	87.0	1.7	8.4	.4	2.5	38.3	38.1	23.6	9.9
Cleveland Heights city -----	21 012	91.9	.8	4.8	.6	2.0	9.7	42.1	48.2	.7
East Cleveland city -----	13 362	78.5	2.2	14.9	.3	4.2	38.0	41.6	20.4	7.1
Euclid city -----	24 894	87.5	1.7	8.8	.2	1.8	13.1	45.2	41.7	1.4
Garfield Heights city (pt.) -----	1 667	93.5	.9	3.1	.6	2.0	11.8	41.0	47.2	5.7
Maple Heights city (pt.) -----	6 185	97.1	.4	1.7	.1	.7	10.8	38.7	50.4	.7
Shaker Heights city -----	12 648	92.0	.8	5.6	.4	1.1	6.0	39.1	54.9	.5
South Euclid city -----	9 388	97.9	.3	1.3	.2	.3	7.5	34.4	58.1	.2
University Heights city -----	5 151	95.0	1.0	3.9	.1	.1	7.8	31.6	60.5	.2
Warrensville Heights city -----	6 403	80.2	1.6	16.6	.4	1.2	11.5	50.4	38.1	1.6
District 12 -----	216 294	71.5	2.4	19.8	4.6	1.6	11.4	33.2	55.4	4.3
<b>COUNTY</b>										
Delaware County -----	23 116	47.5	5.9	23.7	18.5	4.3	4.0	23.2	72.8	3.5
Franklin County (pt.) -----	169 625	77.4	1.2	18.9	1.8	.7	13.3	35.6	51.1	4.7
Licking County (pt.) -----	23 553	53.1	7.2	22.2	11.4	6.1	4.7	25.7	69.6	2.4
<b>PLACE AND COUNTY SUBDIVISION</b>										
Bexley city -----	4 753	94.6	.3	4.3	.8	—	6.4	31.2	62.4	.1
Columbus city (pt.) -----	113 786	78.4	1.1	19.1	.7	.6	17.6	39.3	43.1	6.3
Delaware city -----	7 137	76.5	.6	19.9	1.6	1.4	8.4	37.1	54.5	7.2
Dublin city (pt.) -----	5 371	64.6	.3	28.9	5.4	.8	.7	16.2	83.1	.2
Gahanna city (pt.) -----	9 274	78.8	.7	18.4	1.3	.7	3.9	23.3	72.8	1.4
Hilliard city (pt.) -----	12	—	—	—	100.0	—	—	—	100.0	—
Newark city (pt.) -----	6 332	79.9	.5	17.8	.8	1.1	7.3	36.4	56.3	2.4
Reynoldsburg city (pt.) -----	9 990	70.4	1.0	27.8	.5	.3	3.3	32.2	64.5	1.4
Westerville city -----	10 151	70.4	.2	27.7	1.2	.4	4.1	23.1	72.8	1.0
Whitehall city -----	8 635	90.4	2.3	5.5	1.1	.7	9.6	43.1	47.3	2.8
Worthington city (pt.) -----	—	—	—	—	—	—	—	—	—	—

Table 30. Fuels and Equipment Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Congressional District County Place and [In Selected States] County Subdivision [10,000 or More Persons]	All occupied housing units	Percent with—								
		House heating fuel					Vehicles available			No telephone in unit
		Utility gas	Bottled, tank, or LP gas	Electricity	Fuel oil, kero- sene, etc.	Other or none	None	1	2 or more	
District 13 -----	198 722	65.1	3.2	14.1	13.3	4.4	6.1	26.9	67.0	4.2
<b>COUNTY</b>										
Cuyahoga County (pt.) -----	5 382	81.2	.5	11.8	4.0	2.6	4.0	24.3	71.7	.2
Geauga County -----	26 906	36.1	3.9	14.8	35.8	9.4	6.6	20.7	72.7	4.9
Lorain County (pt.) -----	83 689	78.9	1.9	14.7	2.3	2.2	8.1	32.1	59.8	5.2
Medina County -----	41 792	65.5	2.8	16.8	11.2	3.8	3.8	23.4	72.8	2.4
Portage County (pt.) -----	18 545	40.0	9.3	12.1	31.1	7.5	3.5	22.8	73.7	4.5
Summit County (pt.) -----	12 699	86.2	1.1	5.2	5.8	1.7	2.7	26.0	71.2	1.1
Trumbull County (pt.) -----	9 709	34.9	7.8	12.1	35.7	9.6	8.4	23.9	67.8	7.5
<b>PLACE AND COUNTY SUBDIVISION</b>										
Amherst city -----	3 777	91.5	1.3	5.2	.8	1.2	5.1	27.2	67.7	1.6
Avon Lake city -----	5 448	84.2	.5	14.2	.1	1.0	3.3	26.7	70.0	.5
Brecksville city (pt.) -----	2 051	84.0	.5	8.7	6.5	.3	6.2	14.5	79.2	.3
Broadview Heights city (pt.) -----	509	95.9	—	2.8	1.4	—	2.9	35.2	61.9	1.4
Brunswick city -----	9 032	77.2	.3	19.5	1.8	1.2	3.1	21.2	75.6	1.1
Elyria city -----	21 423	79.3	1.7	15.9	1.3	1.7	8.8	36.6	54.6	6.2
Lorain city -----	26 198	82.9	.8	13.6	.6	2.1	13.2	37.7	49.1	8.7
Medina city -----	7 102	67.8	1.2	28.3	1.1	1.5	6.3	33.3	60.3	4.9
North Ridgeville city -----	7 152	62.0	2.5	29.3	4.7	1.5	2.7	21.0	76.3	1.4
North Royalton city (pt.) -----	2 822	76.5	.6	15.7	2.6	4.7	2.5	29.5	68.0	—
Wadsworth city -----	6 037	90.3	.2	6.9	1.3	1.2	6.0	32.3	61.7	2.1
District 14 -----	219 348	85.4	1.0	7.6	4.4	1.7	9.7	33.8	56.5	3.1
<b>COUNTY</b>										
Portage County (pt.) -----	30 684	72.2	2.3	13.3	9.8	2.3	7.0	31.8	61.2	3.2
Stark County (pt.) -----	1 365	75.9	1.1	2.7	18.6	1.7	1.6	22.7	75.7	—
Summit County (pt.) -----	187 299	87.6	.8	6.7	3.4	1.6	10.2	34.2	55.6	3.1
<b>PLACE AND COUNTY SUBDIVISION</b>										
Akron city -----	89 923	89.5	.7	7.4	.5	1.9	15.4	39.7	44.9	5.0
Barberton city -----	11 082	92.7	.5	5.6	.7	.5	14.7	38.3	47.0	5.1
Cuyahoga Falls city -----	20 383	87.9	.5	8.9	1.5	1.1	6.8	37.5	55.7	1.3
Kent city -----	8 808	81.6	1.1	14.9	.7	1.6	10.2	39.8	50.0	3.3
Norton city (pt.) -----	4 098	86.1	.6	2.5	9.3	1.5	5.1	20.7	74.2	1.1
Portage Lakes CDP -----	5 417	88.3	.8	2.2	7.6	1.1	4.4	32.7	62.9	1.3
Ravenna city -----	4 941	82.7	.7	14.7	.5	1.4	12.9	38.3	48.8	6.0
Stow city -----	10 086	86.3	.9	8.7	2.8	1.4	3.2	26.9	69.9	.3
Tallmadge city -----	5 608	90.2	.3	5.3	2.7	1.6	4.4	26.2	69.4	.9
District 15 -----	222 833	77.5	1.9	16.5	3.1	1.0	7.4	35.9	56.7	3.0
<b>COUNTY</b>										
Franklin County (pt.) -----	209 098	79.7	1.3	16.2	2.1	.8	7.6	36.4	56.0	2.8
Madison County -----	11 990	47.7	10.0	20.3	17.3	4.7	5.6	27.4	66.9	5.8
Pickaway County (pt.) -----	1 745	11.4	19.0	30.7	29.6	9.3	1.0	23.6	75.5	11.1
<b>PLACE AND COUNTY SUBDIVISION</b>										
Blacklick Estates CDP -----	3 266	89.5	.7	7.4	1.8	.6	2.8	24.3	72.8	1.7
Columbus city (pt.) -----	142 918	80.2	.9	17.6	.6	.6	8.9	39.5	51.6	3.3
Dublin city (pt.) -----	149	47.7	4.0	5.4	43.0	—	—	24.8	75.2	—
Gahanna city (pt.) -----	179	45.8	34.6	3.4	13.4	2.8	3.4	56.4	40.2	11.2
Grove City city -----	7 382	75.2	.7	22.2	1.5	.5	5.1	33.4	61.5	2.5
Hilliard city (pt.) -----	4 190	85.9	1.7	11.2	.8	.4	3.9	25.5	70.6	1.2
Upper Arlington city -----	13 956	92.2	.5	6.4	.6	.2	4.1	31.3	64.6	.1
Worthington city (pt.) -----	5 578	87.7	.3	10.5	.9	.5	4.1	26.6	69.3	.2
District 16 -----	209 508	71.4	2.0	12.9	9.0	4.7	9.5	31.2	59.3	5.6
<b>COUNTY</b>										
Ashland County -----	17 101	59.1	3.6	12.8	15.0	9.5	8.3	29.1	62.6	5.9
Holmes County -----	9 315	48.2	4.6	14.4	11.4	21.4	31.0	19.0	50.1	29.5
Knox County (pt.) -----	9 265	65.3	4.8	17.3	4.8	7.9	8.6	38.4	53.0	6.3
Stark County (pt.) -----	138 208	78.5	1.1	11.4	7.0	2.0	8.5	32.3	59.2	3.7
Wayne County -----	35 619	57.6	3.2	17.1	14.3	7.8	8.5	29.1	62.4	6.7
<b>PLACE AND COUNTY SUBDIVISION</b>										
Alliance city (pt.) -----	8 900	86.0	.4	11.1	.9	1.6	14.6	40.8	44.7	7.8
Ashland city -----	7 632	83.6	.7	12.8	1.6	1.3	10.7	38.6	50.7	5.2
Canton city -----	33 452	88.5	.6	9.3	.3	1.2	17.9	40.1	41.9	7.1
Massillon city -----	12 110	92.1	.4	6.2	.7	.6	12.1	38.3	49.6	5.3
Mount Vernon city (pt.) -----	5 658	79.4	.7	17.1	.5	2.2	11.9	45.5	42.6	8.6
North Canton city -----	6 291	79.3	.9	19.0	.3	.4	4.1	40.6	55.3	.5
Norton city (pt.) -----	9	—	—	—	100.0	—	—	100.0	—	—
Wooster city -----	8 599	79.7	1.0	16.6	1.1	1.5	11.6	38.6	49.8	4.3
District 17 -----	217 672	76.9	2.1	8.9	8.6	3.5	9.7	34.7	55.6	4.1
<b>COUNTY</b>										
Columbiana County (pt.) -----	40 189	57.7	3.9	14.0	17.0	7.4	9.0	33.6	57.5	5.3
Mahoning County -----	101 136	81.0	1.4	8.2	6.5	2.9	11.8	34.7	53.5	4.0
Trumbull County (pt.) -----	76 347	81.6	1.9	7.1	7.0	2.4	7.4	35.2	57.5	3.6
<b>PLACE AND COUNTY SUBDIVISION</b>										
Alliance city (pt.) -----	31	100.0	—	—	—	—	29.0	12.9	58.1	12.9
Austintown CDP -----	12 658	79.8	.4	15.6	1.1	3.1	5.6	35.7	58.7	1.5
Boardman CDP -----	15 586	85.5	.8	9.9	2.2	1.5	5.5	35.2	59.3	.7
Campbell city -----	3 896	93.0	.1	5.1	.8	1.0	16.7	35.7	47.6	4.9
East Liverpool city -----	5 430	85.8	.6	9.0	2.4	2.2	19.8	43.5	36.6	9.7

Table 30. Fuels and Equipment Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Congressional District County Place and [In Selected States] County Subdivision [10,000 or More Persons]	All occupied housing units	Percent with—								No telephone in unit
		House heating fuel					Vehicles available			
		Utility gas	Bottled, tank, or LP gas	Electricity	Fuel oil, kero- sene, etc.	Other or none	None	1	2 or more	
District 17 —Con.										
<b>PLACE AND COUNTY SUBDIVISION—</b>										
Con.										
Girard city -----	4 644	92.4	.5	4.2	.8	2.0	12.0	38.3	49.7	4.0
Niles city -----	8 451	88.0	.4	9.5	.3	1.7	8.4	39.4	52.2	4.0
Salem city -----	5 009	86.1	.5	10.0	.7	2.7	11.7	37.9	50.4	6.5
Struthers city -----	4 760	95.2	.5	2.8	.6	1.0	9.0	39.6	51.4	3.4
Warren city -----	20 314	91.7	1.0	5.6	.2	1.5	12.8	43.6	43.7	6.3
Youngstown city -----	37 042	91.1	.7	5.6	.6	2.0	22.0	39.1	38.8	7.3
District 18 -----	216 913	55.1	4.0	18.4	13.6	9.0	9.9	32.5	57.6	6.5
<b>COUNTY</b>										
Belmont County -----	28 161	52.5	1.7	19.3	18.2	8.3	12.6	35.1	52.3	4.8
Carroll County -----	9 667	32.0	7.7	21.0	22.9	16.5	5.2	29.6	65.2	5.8
Columbiana County (pt.) -----	586	13.7	2.9	24.1	44.7	14.7	8.2	29.9	61.9	9.2
Coshocton County -----	13 433	51.1	5.0	18.6	15.3	10.0	8.6	31.7	59.7	6.2
Guernsey County -----	14 894	51.9	5.9	21.1	10.7	10.3	10.1	33.7	56.2	8.8
Harrison County -----	6 111	36.9	5.9	16.5	25.8	14.9	9.5	31.4	59.1	6.6
Jefferson County -----	31 311	50.8	1.1	20.1	22.7	5.3	13.6	33.7	52.7	4.9
Licking County (pt.) -----	23 701	70.6	5.2	13.4	5.1	5.7	8.4	33.1	58.5	7.4
Monroe County -----	5 754	57.6	3.5	9.9	11.4	17.6	9.8	28.1	62.1	5.1
Morgan County -----	5 170	42.3	6.5	17.3	12.3	21.7	9.3	30.0	60.7	10.1
Muskingum County -----	30 753	57.9	3.5	22.8	8.0	7.8	9.6	32.7	57.7	6.7
Noble County -----	4 137	58.9	8.1	10.9	7.4	14.7	8.5	29.8	61.7	7.5
Perry County -----	11 264	52.8	10.0	15.0	8.6	13.6	8.9	29.6	61.5	9.7
Tuscarawas County -----	31 971	63.9	2.7	17.1	10.2	6.1	7.6	31.9	60.4	6.6
<b>PLACE AND COUNTY SUBDIVISION</b>										
Cambridge city -----	5 078	80.1	.7	17.7	.2	1.2	17.4	42.9	39.7	10.7
Coshocton city -----	5 155	84.3	.7	10.9	2.7	1.4	12.6	40.5	46.8	5.1
Dover city -----	4 423	92.2	.4	6.6	.2	.6	5.2	35.5	59.3	4.7
Newark city (pt.) -----	11 470	84.6	.8	12.2	.8	1.6	12.5	39.9	47.7	10.1
New Philadelphia city -----	6 565	79.4	.4	18.4	.8	.9	9.9	38.3	51.9	5.3
Steubenville city -----	8 979	81.3	.8	14.0	2.1	1.8	22.5	41.0	36.5	5.8
Zanesville city -----	10 819	77.9	1.2	16.4	1.2	3.2	17.8	43.1	39.2	11.3
District 19 -----	219 310	80.5	1.3	10.4	5.8	2.1	6.3	32.1	61.7	1.8
<b>COUNTY</b>										
Ashtabula County -----	36 760	64.6	4.1	9.8	15.4	6.0	8.5	35.1	56.4	6.1
Cuyahoga County (pt.) -----	102 129	86.0	.6	10.7	1.6	1.2	6.7	32.6	60.6	.4
Lake County -----	80 421	80.6	.8	10.2	6.8	1.6	4.7	29.9	65.4	1.6
<b>PLACE AND COUNTY SUBDIVISION</b>										
Ashtabula city -----	8 510	86.1	.4	11.2	1.5	.8	14.0	42.8	43.1	8.7
Beachwood city (pt.) -----	3 922	85.1	1.0	13.6	.4	—	8.4	28.1	63.5	—
Bedford city (pt.) -----	2 121	81.3	.4	13.8	—	4.5	7.5	44.3	48.1	1.2
Brecksville city (pt.) -----	2 214	91.5	.4	5.1	2.6	.4	1.4	25.4	73.2	—
Broadview Heights city (pt.) -----	4 248	81.7	.5	15.4	1.2	1.2	4.3	30.6	65.0	.1
Brook Park city -----	7 892	94.9	.1	3.9	.2	.9	4.5	26.7	68.8	.1
Conneaut city -----	5 087	87.7	.8	4.0	5.6	1.9	7.9	41.5	50.6	6.7
Eastlake city -----	7 764	84.8	.4	8.0	5.0	1.7	5.6	27.8	66.7	.9
Garfield Heights city (pt.) -----	10 816	96.4	.2	2.4	.2	.8	11.2	36.1	52.7	1.0
Lyndhurst city -----	6 580	95.6	.1	4.2	.1	—	4.0	35.2	60.8	.2
Maple Heights city (pt.) -----	4 366	93.1	.3	5.1	—	1.5	8.9	33.9	57.3	.3
Mayfield Heights city -----	9 811	81.6	1.3	14.0	.3	2.7	14.4	44.6	41.0	.5
Mentor city -----	16 730	82.8	.2	11.1	5.3	.6	3.1	23.2	73.7	.8
Middleburg Heights city -----	6 106	85.4	.8	12.4	.3	1.1	5.2	34.2	60.5	.5
North Royalton city (pt.) -----	5 949	59.8	.3	38.3	.7	.9	2.4	29.4	68.2	.6
Painesville city -----	6 118	80.6	1.5	11.9	5.0	1.0	10.7	41.7	47.6	6.7
Parma Heights city -----	9 344	84.7	.7	12.3	—	2.3	10.5	42.2	47.3	.5
Solon city -----	6 341	90.2	.4	7.2	1.9	.3	2.6	19.7	77.7	.4
Strongsville city (pt.) -----	4 523	70.9	.4	24.5	1.2	3.0	4.6	32.7	62.7	—
Wickliffe city -----	5 533	95.5	.1	1.5	2.5	.4	4.1	33.2	62.7	.6
Willoughby city -----	8 732	79.9	.9	13.6	3.1	2.5	6.5	38.3	55.3	.4
Willowick city -----	6 072	94.7	1.2	2.9	.4	.8	5.1	34.1	60.8	1.0