

**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—								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	
<b>The State</b> -----	<b>944 726</b>	<b>75.9</b>	<b>8.8</b>	<b>11.8</b>	<b>.3</b>	<b>3.2</b>	<b>6.4</b>	<b>32.0</b>	<b>61.7</b>	<b>4.4</b>
District 1 -----	239 561	74.8	14.0	7.7	.4	3.2	5.7	31.7	62.6	5.1
<b>COUNTY</b>										
Barber County -----	2 358	79.4	13.2	5.1	—	2.2	4.4	30.2	65.4	2.6
Barton County -----	11 561	83.0	9.3	6.0	.4	1.4	5.3	33.4	61.4	4.9
Chase County -----	1 214	52.7	25.5	5.8	.2	15.8	6.2	31.0	62.9	6.2
Cheyenne County -----	1 389	76.6	18.9	2.1	.1	2.3	4.5	31.0	64.4	1.9
Clark County -----	1 006	77.1	16.9	3.6	—	2.4	2.4	35.0	62.6	3.5
Clay County -----	3 641	66.7	19.3	7.9	1.0	5.1	7.4	27.1	65.5	4.8
Cloud County -----	4 483	75.4	14.4	6.6	.8	2.2	9.0	29.7	61.3	4.5
Comanche County -----	950	64.9	24.2	7.9	—	2.9	5.4	32.5	62.1	5.6
Decatur County -----	1 651	60.4	32.0	4.3	.2	3.0	5.7	31.7	62.6	3.8
Dickinson County -----	7 542	69.7	17.7	7.2	.5	4.9	5.3	31.4	63.3	5.1
Edwards County -----	1 585	76.1	17.9	3.2	.3	2.5	5.7	30.1	64.2	6.6
Ellis County -----	10 096	79.2	7.2	12.4	—	1.3	5.3	33.5	61.2	2.8
Ellsworth County -----	2 522	73.9	6.3	4.0	.4	5.5	6.9	32.6	60.5	4.3
Finney County -----	10 836	89.0	4.6	5.6	—	.8	5.0	34.1	61.0	9.0
Ford County -----	9 872	84.0	7.5	6.6	—	1.9	5.2	35.7	59.1	8.3
Gove County -----	1 284	63.5	27.9	5.1	1.0	2.6	1.8	26.2	72.0	1.9
Graham County -----	1 435	65.9	26.4	1.8	—	5.9	5.3	31.2	63.5	6.4
Grant County -----	2 393	90.1	5.6	3.7	—	.6	4.6	34.1	61.3	3.5
Gray County -----	1 913	84.2	13.0	1.6	.3	.9	3.8	27.5	68.6	3.3
Greeley County -----	656	75.9	19.4	2.9	1.2	.6	5.0	27.0	68.0	2.3
Hamilton County -----	986	77.5	16.4	4.9	—	1.2	6.1	31.0	62.9	3.4
Haskell County -----	1 372	86.3	9.8	3.6	—	.2	2.4	29.2	68.4	6.0
Hodgeman County -----	826	37.0	57.3	2.5	2.2	1.0	2.5	24.5	73.0	2.1
Jewell County -----	1 806	53.6	35.5	3.5	.4	7.0	4.9	26.1	69.0	3.0
Keamy County -----	1 379	95.4	3.5	.7	—	.4	2.2	29.9	67.8	5.1
Kiowa County -----	1 466	79.1	13.6	5.4	—	2.0	5.5	30.8	63.7	3.8
Lane County -----	966	72.4	20.9	4.6	—	2.2	6.1	26.1	67.8	3.8
Lincoln County -----	1 531	57.1	30.4	5.4	1.4	5.8	5.7	33.3	60.9	3.1
Logan County -----	1 221	74.0	24.5	.9	—	.7	4.8	30.8	64.4	3.4
Lyon County -----	13 059	65.5	10.5	18.5	.3	5.1	7.3	35.3	57.3	6.7
McPherson County -----	10 230	75.2	13.1	8.9	.8	2.1	5.7	29.2	65.1	3.8
Marion County (pt.) -----	4 388	62.2	19.8	7.7	.7	9.6	4.3	29.4	66.3	3.6
Marshall County -----	4 689	64.6	22.4	5.8	.9	6.3	7.5	29.6	62.9	4.4
Meade County -----	1 667	78.7	14.7	3.8	—	2.8	2.6	30.0	67.4	5.9
Mitchell County -----	2 846	71.1	21.8	2.0	.4	4.8	6.4	25.7	67.9	2.0
Morris County -----	2 528	58.3	25.0	7.8	.8	8.1	5.3	28.2	66.5	5.1
Morton County -----	1 290	87.3	5.2	6.0	—	1.5	4.8	29.6	65.6	8.7
Ness County -----	1 670	50.7	42.5	3.4	.5	3.0	3.8	29.3	66.9	2.3
Norton County -----	2 330	65.3	25.2	2.7	.1	6.7	3.5	33.9	62.6	3.9
Osborne County -----	2 057	66.3	25.9	2.4	.5	4.9	4.8	31.1	64.1	4.0
Ottawa County -----	2 266	46.3	34.2	7.9	2.4	9.1	5.8	24.8	69.4	6.0
Pawnee County -----	2 923	72.1	19.5	5.9	.5	2.0	7.0	29.0	64.0	4.3
Phillips County -----	2 695	72.2	21.2	3.9	.2	2.4	3.7	31.5	64.7	4.6
Pratt County -----	3 937	78.0	14.3	6.2	.2	1.3	4.5	32.1	63.4	3.8
Rawlins County -----	1 361	62.2	31.1	2.1	2.6	2.1	2.7	26.7	68.8	2.3
Reno County -----	24 239	76.6	8.5	11.5	.2	3.1	7.1	32.6	60.3	6.2
Republic County -----	2 769	63.9	25.4	2.9	.6	7.2	6.2	30.1	63.7	3.4
Rice County -----	4 165	78.9	13.9	3.6	.4	3.1	4.4	32.4	63.2	6.1
Rooks County -----	2 444	76.8	16.7	3.4	.1	3.0	5.3	30.5	64.2	3.5
Rush County -----	1 642	75.8	22.2	.9	—	1.2	4.8	28.2	67.0	3.7
Russell County -----	3 371	77.2	16.2	4.5	.2	1.9	5.5	34.6	59.8	5.7
Saline County -----	19 826	76.1	7.2	14.7	.3	1.8	6.9	34.2	58.9	4.6
Scott County -----	2 022	89.0	6.1	4.5	.4	.4	4.8	28.1	67.1	3.3
Seward County -----	6 614	88.5	4.1	6.9	—	.5	6.3	35.4	58.3	10.6
Sheridan County -----	1 171	64.0	29.9	.6	—	5.5	3.9	23.4	72.7	3.1
Sherman County -----	2 733	90.7	6.3	2.0	.4	.6	5.9	34.0	60.0	4.4
Smith County -----	2 165	63.6	23.8	5.6	.5	6.6	5.5	29.6	64.8	3.5
Stafford County -----	2 203	69.9	21.1	3.8	1.5	3.7	3.9	31.4	64.8	5.4
Stanton County -----	831	91.2	5.1	3.4	—	.4	2.6	31.5	65.8	4.3
Stevens County -----	1 885	95.7	.7	2.9	—	.7	3.9	30.3	65.8	4.0
Thomas County -----	3 124	86.8	7.5	4.5	—	1.2	3.3	31.8	64.9	3.8
Trego County -----	1 464	68.2	22.6	5.5	.7	3.0	4.5	25.7	69.8	3.5
Wabaunsee County -----	2 482	39.0	37.1	9.6	1.5	12.8	3.3	23.0	73.8	3.8
Wallace County -----	677	60.3	35.7	.7	1.3	1.9	6.9	22.7	70.3	2.8
Washington County -----	2 862	64.4	21.3	3.6	.8	9.9	7.2	27.0	65.8	3.2
Wichita County -----	996	81.3	11.3	7.1	—	.2	5.9	22.8	71.3	2.5
<b>PLACE AND COUNTY SUBDIVISION</b>										
Dodge City city -----	7 609	90.1	1.5	7.4	—	1.0	6.1	37.4	56.5	9.5
Emporia city -----	9 753	76.6	.6	21.6	.1	1.2	8.8	40.3	50.9	7.8
Garden City city -----	8 072	92.6	.9	6.0	—	.4	5.8	35.3	58.9	7.8
Great Bend city -----	6 316	91.6	.5	7.4	—	.5	7.5	37.0	55.5	6.0
Hays city -----	7 202	83.9	.4	14.8	—	.9	5.7	35.1	59.2	2.7
Hutchinson city -----	15 656	86.7	.3	11.6	—	1.3	8.3	37.6	54.2	6.7
Liberal city -----	5 858	92.3	.3	7.2	—	.2	6.4	36.4	57.2	10.7
McPherson city -----	4 830	89.5	1.0	9.0	—	.6	5.9	31.6	62.5	5.2
Salina city -----	17 287	84.0	.6	14.7	—	.7	7.7	36.5	55.8	5.0
District 2 -----	230 347	69.0	12.1	12.4	.5	6.0	7.1	32.0	60.9	4.9
<b>COUNTY</b>										
Allen County -----	5 705	70.3	9.1	11.7	.1	8.7	6.9	32.3	60.8	7.7
Anderson County -----	3 067	59.6	23.1	3.9	.1	13.3	8.0	29.0	63.0	6.9
Atchison County -----	6 129	70.2	13.3	7.8	1.4	7.3	7.1	32.2	60.6	5.0
Bourbon County -----	5 897	64.0	14.9	9.3	.6	11.2	7.8	32.1	60.1	7.1
Brown County -----	4 347	65.5	21.7	4.9	2.2	5.7	7.1	32.9	60.0	4.6
Cherokee County -----	8 396	64.0	13.9	10.5	.5	11.1	7.5	31.8	60.7	10.7
Coffey County -----	3 311	52.0	24.3	12.3	1.1	10.2	6.6	27.8	65.6	5.1
Crawford County -----	14 606	75.2	11.5	7.8	.2	5.3	8.5	35.1	56.5	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—								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 2 —Con. <b>COUNTY—Con.</b>										
Doniphan County .....	3 074	52.9	25.1	8.6	4.1	9.3	7.9	27.6	64.5	5.5
Douglas County (pt.) .....	1 040	27.2	42.2	9.7	1.0	19.9	2.8	16.6	80.6	2.5
Franklin County .....	8 308	68.6	15.8	6.8	.6	8.3	6.8	26.7	66.6	5.8
Geary County .....	10 676	75.5	5.4	17.4	.3	1.4	9.2	40.6	50.3	6.4
Jackson County .....	4 277	36.4	35.1	9.4	.9	18.1	6.4	24.8	68.8	5.3
Jefferson County .....	5 778	44.7	31.7	7.5	1.4	14.7	3.7	22.7	73.6	3.9
Labette County .....	9 377	71.3	11.7	9.1	.1	7.9	8.3	33.8	58.0	8.1
Leavenworth County .....	19 715	74.1	12.5	9.3	.4	3.6	6.8	27.5	65.7	4.0
Linn County .....	3 215	37.6	30.6	10.4	.6	20.9	5.8	27.0	67.2	6.9
Nemaha County .....	3 996	56.6	27.3	8.4	1.3	6.4	6.9	26.8	66.3	2.6
Neosho County .....	6 748	73.5	10.9	5.9	.2	9.5	7.5	33.3	59.2	7.0
Osage County .....	5 806	57.3	23.4	8.7	.2	10.3	6.0	24.4	69.6	5.8
Pottawatomie County .....	5 938	59.1	22.4	9.6	.5	8.4	5.5	25.0	69.5	3.4
Riley County .....	21 280	65.6	7.2	24.2	.5	2.5	4.7	37.9	57.4	3.1
Shawnee County .....	63 768	78.4	3.7	15.7	.3	1.9	7.8	33.9	58.4	3.4
Wilson County .....	4 194	67.8	15.3	5.9	.5	10.6	7.7	29.9	62.5	7.8
Woodson County .....	1 699	54.6	24.6	9.4	—	11.4	6.2	28.1	65.7	5.6
<b>PLACE AND COUNTY SUBDIVISION</b>										
Atchison city .....	3 877	90.7	.8	7.4	.1	1.0	10.1	41.0	48.9	6.3
Fort Riley North CDP .....	1 800	52.1	1.4	46.1	.4	—	1.7	42.9	55.4	3.2
Junction City city .....	7 870	84.0	1.0	14.7	—	.2	11.7	44.1	44.2	7.3
Leavenworth city .....	11 475	88.6	.7	9.9	.2	.5	9.6	34.7	55.7	4.8
Manhattan city .....	14 710	73.5	.7	25.2	.1	.5	5.5	38.2	56.3	2.7
Ottawa city .....	4 215	94.4	.4	3.7	—	1.5	7.8	33.2	58.9	6.6
Parsons city .....	4 807	86.9	.7	10.8	.1	1.5	10.3	38.5	51.3	9.0
Pittsburg city .....	7 551	89.6	1.2	7.9	—	1.4	9.9	40.5	49.6	5.5
Topeka city .....	49 936	82.0	.5	16.7	.1	.8	9.5	39.2	51.4	4.1
District 3 .....	235 447	84.3	2.3	12.0	.1	1.2	6.1	31.7	62.2	2.6
<b>COUNTY</b>										
Douglas County (pt.) .....	29 098	80.7	4.4	12.4	.4	2.2	5.9	35.3	58.7	3.8
Johnson County .....	136 433	85.3	1.3	12.8	.1	.5	2.8	28.6	68.6	1.0
Miami County .....	8 402	51.5	20.5	16.6	.5	10.9	6.7	25.8	67.5	3.6
Wyandotte County .....	61 514	88.2	1.3	9.4	.1	1.1	13.2	37.7	49.1	5.6
<b>PLACE AND COUNTY SUBDIVISION</b>										
Kansas City city .....	57 141	88.4	1.1	9.4	.1	1.0	13.7	38.5	47.8	5.8
Lawrence city .....	24 522	86.4	.5	12.5	.5	.5	6.6	37.9	55.5	3.9
Leawood city .....	6 888	96.2	.4	3.1	.3	.1	.7	15.3	84.0	.1
Lenexa city .....	12 714	80.8	1.0	17.6	.6	.6	3.2	26.2	70.6	.9
Merriam city .....	5 080	86.4	.6	12.4	—	.6	2.7	38.2	59.1	2.5
Olathe city .....	21 499	85.9	.4	13.2	.2	.3	2.9	25.0	72.1	1.7
Overland Park city .....	44 936	83.5	.6	15.6	.1	.2	3.0	30.7	66.3	.5
Prairie Village city .....	9 734	96.1	—	3.8	—	.1	2.2	33.0	64.7	.2
Shawnee city .....	14 567	84.1	1.6	13.8	.1	.5	2.8	28.8	68.4	.9
District 4 .....	239 371	75.6	6.7	15.0	.1	2.6	6.6	32.5	60.9	5.0
<b>COUNTY</b>										
Butler County .....	18 488	63.2	16.8	14.3	.1	5.6	4.9	24.1	71.0	4.0
Chautauqua County .....	1 835	71.2	11.2	2.6	.1	14.9	6.6	31.6	61.7	9.2
Cowley County .....	14 047	75.5	10.1	9.9	—	4.5	6.1	31.7	62.2	6.2
Elk County .....	1 436	65.7	13.4	7.8	.1	12.9	9.8	28.6	61.6	6.3
Greenwood County .....	3 285	58.4	20.8	7.2	1.4	12.1	5.9	32.0	62.1	6.8
Harper County .....	3 007	73.1	21.1	3.2	.1	2.6	6.3	31.6	62.1	4.1
Harvey County .....	11 581	69.7	9.0	17.3	.4	3.6	5.3	30.0	64.7	4.8
Kingman County .....	3 175	59.5	29.0	6.2	.2	5.2	3.0	25.1	71.9	6.0
Marion County (pt.) .....	587	80.7	10.9	2.2	—	6.1	8.7	25.7	65.6	7.5
Montgomery County .....	15 670	79.4	6.5	9.1	—	4.9	8.5	35.6	55.9	8.6
Sedgwick County .....	156 571	78.6	3.1	17.2	.1	1.1	6.9	34.1	59.0	4.6
Sumner County .....	9 689	66.6	18.9	8.9	.3	5.3	5.3	25.8	69.0	4.2
<b>PLACE AND COUNTY SUBDIVISION</b>										
Arkansas City city .....	5 144	88.3	1.1	9.1	.1	1.3	8.5	35.4	56.1	7.1
Coffeyville city .....	5 366	91.9	.2	6.3	—	1.6	12.1	38.9	49.0	10.4
Derby city .....	4 774	85.7	.1	13.6	—	.7	2.6	18.7	78.7	.8
El Dorado city .....	4 833	90.6	1.3	7.5	—	.6	9.4	33.5	57.1	5.7
Newton city .....	6 558	85.0	.8	12.9	—	1.3	6.0	34.2	59.9	6.6
Wichita city .....	123 249	80.7	.7	17.9	—	.6	8.1	37.8	54.0	5.3
Winfield city .....	4 456	91.1	.4	7.9	—	.5	5.8	40.4	53.8	6.8