

Table 29. Structural, Plumbing, 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 housing units	Percent								
		Year structure built		Bedrooms		Condominium	Lacking complete plumbing facilities	With public water system or private company	With public sewer	Lacking complete kitchen facilities
		1980 to March 1990	1939 or earlier	None or 1	4 or more					
The State	1 143 669	10.0	35.0	11.7	19.3	1.2	.9	81.1	76.0	1.2
District 1	223 842	11.9	27.9	13.7	17.6	1.9	.5	83.7	83.2	.6
COUNTY										
Cedar County	7 146	10.0	45.0	6.4	24.6	.2	.9	61.2	60.4	.9
Clinton County	21 296	5.0	41.8	12.4	19.8	.3	.5	80.0	80.5	.5
Johnson County	37 210	21.8	19.3	18.6	16.7	3.8	.5	82.5	83.1	.7
Jones County	7 366	7.7	41.1	7.5	22.9	.1	1.2	60.0	58.1	2.0
Linn County	68 357	11.2	24.2	13.7	16.6	1.9	.5	87.6	87.7	.5
Louisa County	5 044	9.8	36.7	11.4	19.1	.3	2.8	48.9	45.7	2.8
Muscatine County	16 044	12.4	36.6	12.3	16.3	1.1	.6	74.5	73.9	.1
Scott County	61 379	10.0	25.8	13.3	17.1	2.2	.3	92.0	90.3	.5
PLACE AND COUNTY SUBDIVISION										
Bettendorf city	11 055	17.2	5.7	8.6	22.2	7.3	.1	96.5	96.9	.3
Cedar Rapids city	45 473	9.6	25.3	15.6	15.0	2.8	.2	98.8	98.6	.3
Clinton city	12 584	3.7	46.3	15.9	16.0	.3	.2	95.9	95.2	.4
Coralville city	4 757	32.9	2.5	22.5	7.8	5.7	.5	95.9	96.4	—
Davenport city	40 343	7.2	32.6	16.6	14.4	1.2	.3	99.1	97.4	.5
Iowa City city	22 464	20.9	19.6	23.2	14.3	4.7	.4	98.7	98.7	.9
Marion city	7 998	17.0	13.5	13.4	14.2	.4	.3	99.0	98.6	.2
Muscatine city	9 297	10.0	40.6	15.2	12.5	1.5	.1	97.3	95.9	.2
District 2	226 600	8.0	37.8	10.5	20.7	.7	.8	72.0	71.7	1.0
COUNTY										
Allamakee County	6 603	12.9	41.8	11.3	23.4	—	1.0	51.5	56.6	1.5
Benton County	9 125	7.3	45.8	8.5	23.9	.3	.4	66.3	66.6	.8
Black Hawk County	49 688	7.3	24.8	13.6	14.0	1.4	.3	89.2	89.3	.7
Bremer County	8 847	6.6	39.6	9.3	24.8	.3	.8	63.6	65.9	.9
Buchanan County	8 272	10.0	35.4	8.7	21.6	—	3.1	56.6	61.8	3.3
Butler County	6 483	6.2	44.3	5.9	24.5	—	1.5	62.4	60.2	1.7
Cerro Gordo County	20 954	9.5	33.4	14.1	15.4	2.3	.2	84.5	86.2	.4
Chickasaw County	5 486	7.2	45.0	5.2	24.9	—	1.5	58.0	58.0	.7
Clayton County	8 344	8.1	50.4	8.9	24.9	.7	1.6	53.8	52.3	1.9
Delaware County	7 408	10.3	38.3	7.6	28.1	—	.6	48.4	50.6	.8
Dubuque County	32 053	8.3	36.7	12.4	18.6	.6	.3	81.0	80.8	.5
Fayette County	9 262	5.3	50.4	8.5	23.6	.1	.6	66.8	63.9	.6
Floyd County	7 233	4.3	37.6	9.1	21.4	—	.7	69.7	70.5	.4
Grundy County	5 158	5.8	40.0	5.5	26.8	.4	.1	64.0	62.1	1.1
Howard County	4 155	7.5	48.2	6.7	26.8	.1	1.2	60.9	60.7	1.8
Iowa County	6 003	9.1	47.1	7.7	24.7	.2	1.2	65.8	58.5	1.1
Jackson County	8 426	9.3	39.7	8.6	23.3	.1	1.3	60.8	61.9	1.2
Mitchell County	4 514	7.9	47.2	5.7	29.8	—	2.1	56.4	55.0	2.7
Tama County	7 417	7.0	50.5	8.3	24.4	.4	2.3	68.6	60.8	3.2
Winneshiek County	7 726	10.5	47.6	10.5	27.6	.6	1.2	57.0	53.2	1.4
Worth County	3 443	5.0	49.7	6.5	26.6	.1	.7	56.4	50.9	.6
PLACE AND COUNTY SUBDIVISION										
Cedar Falls city	12 066	7.3	18.2	13.2	17.2	.8	.2	94.1	95.1	.2
Dubuque city	22 377	4.7	40.7	16.0	15.1	.8	.2	97.3	96.6	.4
Mason City city	12 869	9.4	34.1	16.7	12.4	1.0	.1	98.7	97.6	.4
Waterloo city	29 023	7.4	27.8	15.8	10.3	1.9	.3	97.8	97.4	.9
District 3	229 322	9.7	37.5	11.4	18.3	.7	1.4	82.9	69.9	1.8
COUNTY										
Adams County	2 234	8.4	52.9	9.1	22.1	.4	1.6	54.7	50.2	3.9
Appanoose County	6 402	10.1	38.7	12.9	12.0	.2	4.1	91.0	61.7	3.8
Clarke County	3 599	8.9	37.4	9.8	15.3	—	1.5	69.2	59.2	2.1
Davis County	3 365	10.2	41.0	7.1	17.9	—	3.9	83.0	36.8	3.5
Decatur County	3 692	12.9	41.4	14.5	19.8	.9	2.8	72.6	63.6	4.8
Des Moines County	18 248	6.4	40.6	11.7	15.3	.4	1.4	80.4	78.2	1.4
Henry County	7 507	13.4	38.0	9.3	22.3	.3	1.1	71.7	65.8	2.4
Jasper County	14 338	10.9	33.9	10.1	18.9	.4	.9	88.7	70.8	.8
Jefferson County	6 739	16.1	42.6	11.8	17.3	1.8	1.0	79.7	69.3	1.4
Keokuk County	5 024	5.2	52.8	6.4	24.9	.1	2.6	60.6	49.9	3.4
Lee County	16 443	7.6	43.0	13.5	16.5	.2	1.3	78.3	71.5	2.6
Lucas County	4 179	8.3	45.4	12.4	18.1	—	2.8	88.5	59.1	3.6
Mahaska County	8 977	10.3	39.0	10.5	19.1	—	.6	86.8	66.9	.7
Marion County	11 420	13.6	32.4	10.0	17.7	.5	1.9	90.0	67.0	1.8
Marshall County	15 862	4.1	39.6	10.5	20.9	.6	.5	90.0	77.6	.7
Monroe County	3 740	11.1	43.3	8.8	15.7	.8	3.3	92.4	54.8	3.3
Page County	7 339	7.4	46.7	11.1	20.4	.6	1.9	87.7	73.5	3.1
Poweshiek County	8 199	12.2	34.5	13.6	20.0	1.2	.7	88.3	60.9	.8
Ringgold County	2 713	12.7	46.5	9.2	19.8	—	2.2	65.8	50.1	2.8
Story County	26 847	12.8	21.9	15.7	17.9	2.4	.4	89.7	87.3	.8
Taylor County	3 307	5.7	53.3	6.8	25.9	—	2.4	65.6	48.8	6.5
Union County	5 622	6.2	43.1	11.1	17.0	.6	1.1	83.4	72.9	1.9
Van Buren County	3 529	10.2	49.7	12.0	22.2	.3	6.3	81.5	51.4	5.1
Wapello County	15 640	6.0	39.5	13.9	12.0	.2	1.4	89.5	76.4	1.9
Warren County	13 157	16.0	19.6	7.0	21.3	.9	.5	76.1	69.2	.6
Washington County	7 866	7.6	47.1	9.5	22.6	.5	1.0	68.3	64.0	1.0
Wayne County	3 334	8.5	47.2	8.6	18.2	.2	2.0	85.7	56.1	2.3
PLACE AND COUNTY SUBDIVISION										
Ames city	16 051	14.2	16.7	21.1	14.9	3.9	.3	99.9	99.4	1.0
Burlington city	11 777	4.0	49.3	13.1	13.4	.5	.5	99.2	98.3	.9
Fort Madison city	5 209	2.8	49.6	17.0	13.1	.1	1.0	96.3	97.5	3.7
Indianola city	4 304	14.3	20.5	13.3	17.8	1.7	.2	99.2	97.8	.3
Keokuk city	5 582	6.5	52.8	18.8	13.8	.4	.7	98.7	94.3	2.1
Marshalltown city	10 630	3.5	37.5	13.7	17.0	.8	.6	99.7	96.7	.5
Newton city	6 473	12.0	27.2	15.4	14.6	.9	.1	100.0	98.0	.3
Oskaloosa city	4 638	10.3	37.7	13.6	15.9	.2	.4	100.0	96.1	.5

Table 29. Structural, Plumbing, 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 housing units	Percent								
		Year structure built		Bedrooms						
		1980 to March 1990	1939 or earlier	None or 1	4 or more	Condominium	Lacking complete plumbing facilities	With public water system or private company	With public sewer	Lacking complete kitchen facilities
District 3 — Con.										
PLACE AND COUNTY SUBDIVISION—Con.										
Ottumwa city -----	10 912	4.1	42.8	14.7	10.7	.2	.5	98.8	96.0	1.4
District 4 -----										
	230 124	13.1	30.1	13.0	17.3	1.8	.6	88.0	81.8	.9
COUNTY										
Adair County -----	3 714	6.8	50.1	8.0	29.0	.3	1.5	64.5	56.0	2.6
Audubon County -----	3 247	3.4	50.2	6.6	26.9	.5	.9	62.9	57.0	1.2
Cass County -----	6 788	7.8	45.6	9.6	23.7	1.8	1.2	76.2	71.2	1.5
Dallas County -----	11 812	11.8	37.4	8.0	22.5	—	.7	77.0	66.2	.8
Fremont County -----	3 607	7.0	45.4	8.0	19.2	.1	.6	64.4	49.1	.8
Guthrie County -----	5 179	11.8	44.7	6.4	24.0	2.0	1.9	66.8	52.6	2.2
Harrison County -----	6 175	8.0	53.3	9.3	20.2	.2	1.1	64.2	55.4	1.2
Madison County -----	4 995	10.1	47.3	9.3	21.9	.1	2.2	55.8	55.0	1.8
Mills County -----	5 004	11.2	37.6	9.6	21.7	—	1.5	64.7	56.4	1.9
Montgomery County -----	5 363	6.0	51.3	9.9	21.2	.4	.8	76.8	74.1	1.1
Polk County -----	135 979	16.2	22.5	15.0	15.0	2.7	.4	97.7	91.8	.8
Pottawattamie County -----	32 831	8.8	33.2	13.2	15.2	.7	.5	82.7	79.8	.6
Shelby County -----	5 430	5.3	44.8	5.9	32.0	.3	.6	71.8	60.7	.6
PLACE AND COUNTY SUBDIVISION										
Ankeny city -----	6 994	23.8	3.1	14.1	19.2	5.7	—	99.4	97.0	—
Council Bluffs city -----	22 244	8.4	33.3	17.3	10.4	.9	.4	98.7	97.3	.6
Des Moines city -----	83 289	9.0	32.1	18.8	11.1	1.4	.4	99.7	98.0	1.1
Urbandale city -----	9 296	31.5	1.2	5.2	21.9	6.8	—	99.7	99.1	.1
West Des Moines city -----	13 666	40.0	6.8	12.4	22.7	8.2	.2	99.4	97.9	1.1
District 5 -----										
	233 781	7.5	41.3	10.0	22.3	.7	.9	79.0	73.5	1.3
COUNTY										
Boone County -----	10 371	8.6	48.1	11.6	19.3	—	1.2	80.7	70.6	1.6
Buena Vista County -----	8 140	10.1	37.5	11.8	21.2	1.2	.7	77.6	74.4	1.0
Calhoun County -----	5 362	7.6	43.8	10.1	22.2	.3	1.3	75.2	68.4	1.5
Carroll County -----	8 356	9.6	38.3	7.4	26.5	.8	.4	83.9	76.1	.7
Cherokee County -----	5 973	4.9	43.4	9.1	25.4	.5	.6	85.0	69.5	1.9
Clay County -----	7 659	6.7	35.0	13.7	18.3	.6	.8	89.9	74.9	1.6
Crawford County -----	6 920	10.1	43.8	8.3	23.2	—	1.3	73.5	66.8	1.4
Dickinson County -----	9 723	11.5	28.6	11.7	18.8	4.9	1.1	80.5	84.2	1.2
Emmet County -----	4 914	4.3	35.9	10.3	21.0	.5	.9	78.7	74.5	1.2
Franklin County -----	5 018	5.3	47.5	8.6	26.3	—	2.6	60.2	58.6	3.1
Greene County -----	4 707	7.4	50.1	7.9	22.2	.7	1.8	70.3	65.7	2.5
Hamilton County -----	6 879	7.8	40.8	8.3	23.0	.1	1.1	74.3	72.2	1.1
Hancock County -----	5 236	7.9	35.1	6.4	23.1	.8	.4	66.4	61.4	.3
Hardin County -----	8 419	7.1	40.5	7.8	22.2	—	.4	72.8	71.0	1.7
Humboldt County -----	4 670	6.6	40.6	8.3	25.5	—	.6	71.7	69.1	1.3
Ida County -----	3 473	8.2	51.9	7.1	24.3	.7	.6	69.1	68.2	1.2
Kossuth County -----	7 765	7.7	42.5	6.4	26.9	.2	1.2	65.4	57.4	1.0
Lyon County -----	4 561	6.3	46.3	5.1	31.5	.2	.8	80.8	61.7	.8
Monona County -----	4 555	4.8	50.1	9.9	21.0	—	1.3	64.3	62.0	3.1
O'Brien County -----	6 476	7.3	43.8	6.4	27.1	.4	.6	87.2	73.2	.9
Osceola County -----	2 998	6.9	48.2	7.9	29.1	.3	1.4	71.2	59.5	2.3
Palo Alto County -----	4 826	7.8	41.3	10.7	22.3	.2	1.8	69.4	69.3	3.1
Plymouth County -----	8 806	10.7	40.0	7.2	27.5	.4	.9	70.7	64.9	1.1
Pocahontas County -----	4 193	7.7	48.3	6.6	27.8	.2	1.5	68.4	60.4	3.0
Sac County -----	5 648	5.0	46.4	7.6	25.9	.3	1.4	70.3	66.4	2.5
Sioux County -----	10 333	8.2	38.0	7.5	30.7	.5	.7	88.8	70.8	.8
Webster County -----	17 063	5.1	39.1	12.6	16.3	.9	1.0	83.1	79.8	1.6
Winnebago County -----	5 030	8.3	34.9	8.0	20.5	.4	.3	69.7	67.9	.6
Woodbury County -----	39 071	7.1	41.9	14.5	18.0	.6	.7	91.4	89.5	.7
Wright County -----	6 636	6.5	42.1	9.9	20.0	1.2	1.0	75.9	74.6	1.2
PLACE AND COUNTY SUBDIVISION										
Boone city -----	5 332	8.2	52.7	17.9	15.7	—	.4	100.0	99.2	1.0
Fort Dodge city -----	11 212	4.8	38.2	16.0	14.6	1.4	.8	99.8	98.3	1.5
Sioux City city -----	32 177	6.4	42.0	16.3	16.7	.8	.4	99.0	97.0	.5
Spencer city -----	4 824	8.0	25.3	17.7	14.6	1.0	.6	97.9	97.9	1.0