

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		Percent				
		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
The State	4 371 945	12.2	25.8	11.7	17.2	2.6	.8	82.4	77.6	.8
District 1	240 037	7.3	30.5	25.4	14.7	2.3	.5	99.5	95.0	.7
COUNTY										
Hamilton County (pt.)	240 037	7.3	30.5	25.4	14.7	2.3	.5	99.5	95.0	.7
PLACE AND COUNTY SUBDIVISION										
Bridgetown North CDP	4 607	10.8	7.5	4.7	23.6	5.4	.3	99.8	93.6	—
Cincinnati city (pt.)	142 397	4.5	42.3	35.7	10.6	1.7	.6	99.9	99.1	.9
Finneytown CDP	4 877	1.0	3.8	3.9	28.4	.2	—	99.9	94.2	—
Forest Park city (pt.)	6 902	21.6	.4	9.7	25.6	—	.2	99.9	99.6	1.2
Northbrook CDP	3 987	8.1	.6	4.3	10.3	14.5	.3	99.2	98.0	—
North College Hill city	4 440	4.5	22.3	14.4	16.6	1.6	—	100.0	99.9	1.8
Norwood city (pt.)	—	—	—	—	—	—	—	—	—	—
White Oak CDP	4 846	12.9	3.1	11.9	19.2	1.4	.2	99.4	87.8	.1
District 2	223 143	19.1	19.1	11.7	21.8	3.4	1.0	91.3	76.2	.9
COUNTY										
Adams County	10 237	20.7	23.7	7.4	14.7	—	8.3	73.6	39.6	6.1
Brown County	13 720	21.2	22.2	6.5	13.0	.2	4.2	83.9	33.9	2.5
Clermont County	55 315	26.0	10.0	10.2	16.1	3.8	.8	90.7	66.5	.9
Hamilton County (pt.)	121 384	15.2	23.7	14.3	26.6	4.1	.2	96.8	90.3	.5
Warren County (pt.)	22 487	21.0	13.0	6.1	18.4	2.4	.5	75.2	66.1	.5
PLACE AND COUNTY SUBDIVISION										
Blue Ash city	4 719	37.2	6.7	7.5	29.8	12.6	—	99.9	97.6	—
Cincinnati city (pt.)	26 691	5.4	47.4	26.7	15.7	3.6	.2	99.9	98.5	.6
Fairfield city (pt.)	—	—	—	—	—	—	—	—	—	—
Forest Park city (pt.)	—	—	—	—	—	—	—	—	—	—
Franklin city	4 208	4.9	22.7	11.6	11.9	2.0	.1	98.0	90.5	.5
Mason city (pt.)	1 810	27.9	12.4	7.6	12.1	6.6	—	95.6	93.3	.4
Middletown city (pt.)	13	—	—	—	—	—	—	100.0	100.0	—
Norwood city (pt.)	10 260	1.0	63.3	30.8	13.3	—	.4	99.8	99.4	.6
Reading city	5 117	7.7	21.9	24.8	17.8	.4	.3	99.7	99.6	.4
Sharonville city (pt.)	5 071	21.3	3.7	18.2	20.1	7.7	.1	99.3	96.3	1.4
Springdale city	4 425	20.2	2.2	10.7	16.9	11.7	.2	99.8	99.9	—
District 3	239 766	10.3	18.6	13.2	15.2	3.5	.4	95.3	94.0	.6
COUNTY										
Montgomery County (pt.)	239 766	10.3	18.6	13.2	15.2	3.5	.4	95.3	94.0	.6
PLACE AND COUNTY SUBDIVISION										
Centerville city	8 801	24.3	.7	7.0	25.9	16.7	.4	99.6	98.4	.2
Dayton city	80 370	2.9	38.5	20.8	9.1	.6	.6	99.7	99.1	.8
Englewood city	4 626	12.8	3.5	12.1	16.6	3.7	—	99.9	98.5	.3
Huber Heights city (pt.)	14 301	17.8	1.6	2.1	21.8	4.4	.3	94.6	95.2	.4
Kettering city (pt.)	27 096	7.1	5.0	12.6	15.7	3.4	.2	99.7	99.1	.2
Miamisburg city	6 844	20.5	19.2	9.1	13.2	1.0	.1	98.5	97.1	1.8
Northview CDP	3 798	13.6	4.2	4.4	37.8	4.6	—	99.1	97.7	—
Overlook-Page Manor CDP	5 248	2.1	2.9	6.4	20.2	—	.1	99.1	99.0	.1
Shiloh CDP	6 226	3.2	12.4	21.9	10.2	4.0	.1	99.9	99.5	.2
Vandalia city	5 862	12.8	3.6	15.3	12.8	1.9	—	96.3	96.1	—
West Carrollton City city	6 497	21.3	6.5	13.3	6.6	11.5	.1	99.1	95.6	.1
District 4	226 640	10.6	31.0	8.5	16.3	.8	.8	64.4	65.4	.8
COUNTY										
Allen County	42 758	10.6	27.8	9.3	15.8	1.6	.4	72.5	78.6	.6
Auglaize County (pt.)	12 817	14.1	34.5	6.6	16.6	1.2	.4	67.0	67.5	1.3
Crawford County	19 514	5.9	37.2	7.6	14.4	.4	.9	71.1	67.7	.6
Hancock County	26 107	13.9	32.0	9.2	18.5	1.4	.4	74.7	73.8	.6
Hardin County	11 976	10.0	38.2	8.1	20.8	.2	2.1	62.3	58.1	1.8
Knox County (pt.)	8 498	14.3	32.8	5.3	18.4	—	1.4	33.5	32.0	1.2
Logan County (pt.)	10 563	13.3	28.1	8.4	13.6	1.7	1.6	29.6	54.1	1.5
Marion County	25 149	5.8	36.5	9.3	14.5	.6	.9	69.8	70.3	.8
Morrow County	10 312	16.5	29.4	4.5	17.7	.2	1.1	22.5	21.9	.5
Richland County	50 350	9.9	23.1	9.9	15.0	.4	.7	69.3	67.6	.7
Wyandot County	8 596	9.8	48.0	6.4	21.3	—	.4	57.3	48.3	.5
PLACE AND COUNTY SUBDIVISION										
Bucyrus city	5 740	6.6	39.1	9.7	10.9	.8	.3	99.8	99.9	.4
Findlay city	14 991	12.8	31.1	13.0	15.2	2.1	.4	99.7	99.1	.5
Fostoria city (pt.)	1 340	14.3	24.8	4.9	14.3	1.7	—	99.5	91.7	—
Galion city	5 169	3.3	38.2	11.6	9.9	.4	.5	98.4	98.8	.4
Lima city	18 666	7.3	37.2	13.4	11.4	.8	.4	99.8	99.4	.9
Mansfield city	21 909	8.2	27.9	15.6	11.7	.7	.3	97.5	98.5	.6
Marion city	14 243	2.6	44.9	13.5	10.8	.9	.8	99.3	99.4	1.0
Mount Vernon city (pt.)	290	7.2	17.9	20.7	8.3	—	—	96.9	95.2	—
District 5	227 828	12.8	32.9	7.8	20.4	1.7	.9	65.7	59.8	1.0
COUNTY										
Defiance County	14 737	11.6	30.6	5.5	19.9	.6	.6	64.7	61.7	.8
Erie County	32 827	11.2	31.1	10.7	18.9	3.3	.7	85.8	75.2	.9
Henry County	11 000	11.9	40.3	6.1	24.0	.4	.9	56.7	52.6	1.2
Huron County	21 382	13.6	35.1	8.0	20.7	.9	.9	68.8	59.9	.8
Lorain County (pt.)	12 761	12.9	22.5	4.9	26.0	1.0	.9	84.0	42.1	.7
Mercer County (pt.)	2 045	7.9	49.1	3.0	29.0	—	1.8	38.5	37.9	1.2
Ottawa County (pt.)	18 060	22.8	21.5	10.6	12.5	8.3	2.0	59.6	57.7	1.9
Paulding County	7 951	10.7	25.6	6.2	17.7	—	1.9	38.2	36.1	1.9
Putnam County	11 600	15.5	32.4	3.4	23.2	.3	.6	44.8	42.0	.4

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		Percent						
		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 5 — Con.												
COUNTY—Con.												
Sandusky County -----	23 753	11.7	38.1	7.1	20.6	.8	.5	59.6	65.4	.6		
Seneca County -----	22 473	6.9	42.5	8.0	19.3	.2	.8	61.0	58.8	.9		
Van Wert County -----	11 998	10.0	41.4	5.6	20.9	—	1.0	61.8	56.7	1.2		
Williams County -----	14 745	12.3	35.4	7.2	19.5	.2	1.7	57.5	55.4	1.7		
Wood County (pt.) -----	22 496	16.1	27.0	10.3	24.1	2.8	.6	75.0	70.5	.8		
PLACE AND COUNTY SUBDIVISION												
Bowling Green city (pt.) -----	5 432	14.5	21.3	21.2	17.2	1.3	.1	99.1	98.4	.3		
Defiance city -----	6 475	10.7	31.7	7.7	16.0	1.4	.1	98.9	98.7	.7		
Fostoria city (pt.) -----	4 860	3.0	50.0	12.2	11.4	.3	.4	98.6	98.0	1.0		
Fremont city -----	7 001	8.5	48.6	11.6	14.8	.4	.4	99.3	99.1	.6		
Norwalk city -----	5 954	15.7	30.8	13.5	19.4	1.4	.4	99.7	98.4	.5		
Perrysburg city (pt.) -----	4 683	22.4	15.3	11.9	33.3	5.9	.1	100.0	99.1	.3		
Sandusky city -----	13 416	7.9	44.4	16.7	12.5	3.4	.2	99.9	99.6	.7		
Tiffin city -----	7 461	6.1	44.9	14.3	14.6	.3	.3	95.4	95.4	.8		
Van Wert city -----	4 736	8.8	40.8	9.6	15.4	—	.7	99.3	98.4	.8		
Vermilion city -----	4 367	9.8	20.5	6.6	23.2	2.6	.5	92.6	88.4	.8		
District 6 -----	228 743	17.0	26.1	8.9	13.7	.8	2.9	77.8	49.0	1.9		
COUNTY												
Athens County -----	21 737	18.8	30.7	13.1	13.6	.8	2.9	86.6	47.8	1.9		
Clinton County -----	13 740	13.3	30.3	10.1	14.9	.1	1.3	72.9	54.9	1.3		
Gallia County -----	12 564	20.4	19.3	6.4	13.3	—	3.3	85.3	30.1	1.9		
Highland County -----	14 842	18.5	30.2	9.4	15.0	.3	3.8	74.1	41.2	2.5		
Hocking County -----	10 481	17.0	27.0	7.8	11.5	—	3.7	41.0	35.7	2.0		
Jackson County -----	12 452	17.6	25.8	7.8	13.5	.1	4.6	77.1	51.6	2.1		
Lawrence County -----	24 788	14.8	19.4	8.3	10.8	.2	2.4	79.0	59.1	1.7		
Meigs County -----	9 795	17.0	32.6	7.2	16.0	—	4.3	74.8	32.1	3.1		
Pike County -----	9 722	22.6	14.2	8.0	12.9	.1	5.3	72.4	37.6	3.5		
Ross County (pt.) -----	17 457	10.7	32.4	9.7	12.3	.6	3.2	75.3	54.3	2.3		
Scioto County -----	32 408	12.8	30.5	9.4	11.9	.5	2.5	93.0	54.0	2.1		
Vinton County -----	4 856	18.0	24.4	7.6	11.8	.1	8.9	37.3	19.2	5.4		
Warren County (pt.) -----	18 149	26.3	14.7	7.7	17.3	6.5	.9	86.5	63.6	.7		
Washington County -----	25 752	17.6	27.5	8.3	16.6	.3	1.5	72.8	51.4	.8		
PLACE AND COUNTY SUBDIVISION												
Athens city -----	6 098	13.9	31.1	28.0	17.1	2.4	.3	99.9	98.2	.4		
Chillicothe city (pt.) -----	8 869	4.5	45.2	14.2	13.7	1.3	.3	99.8	98.9	1.3		
Ironton city -----	5 720	4.8	43.5	16.3	12.5	—	.7	99.7	99.1	.6		
Lebanon city -----	4 121	19.3	21.2	13.0	9.4	4.3	.2	98.6	98.0	1.0		
Marietta city -----	6 481	8.2	49.7	15.5	17.2	.2	.4	99.3	96.3	.3		
Mason city (pt.) -----	2 459	30.0	3.5	11.6	19.6	15.6	—	98.5	97.9	—		
Portsmouth city -----	10 734	6.1	51.3	16.1	11.7	.7	.5	100.0	98.6	1.8		
Wilmington city -----	4 635	12.6	25.9	18.6	10.6	.3	.7	99.8	96.2	1.5		
District 7 -----	216 280	13.6	24.6	9.3	17.6	1.2	.7	67.8	66.3	.9		
COUNTY												
Champaign County -----	14 030	14.8	38.2	8.2	16.9	.2	1.2	53.1	50.2	.8		
Clark County -----	58 377	7.9	28.2	10.5	14.2	1.6	.5	72.9	69.4	.8		
Fairfield County -----	39 014	18.2	24.6	8.9	20.8	.7	.6	62.0	62.9	.6		
Fayette County -----	10 816	10.2	31.6	9.0	12.9	.1	1.0	62.3	60.8	1.1		
Greene County -----	50 238	13.5	11.9	9.5	21.6	2.3	.2	77.8	81.8	1.1		
Logan County (pt.) -----	8 910	14.9	37.6	12.7	15.9	.4	.7	75.6	74.6	.2		
Pickaway County (pt.) -----	14 580	15.7	26.6	7.9	14.1	—	1.5	58.3	52.6	1.2		
Ross County (pt.) -----	8 716	24.4	20.1	6.8	12.5	.2	2.0	67.6	44.1	2.1		
Union County -----	11 599	17.3	30.6	5.7	21.2	.2	.8	47.0	47.0	.6		
PLACE AND COUNTY SUBDIVISION												
Beavercreek city -----	12 148	14.4	2.7	4.4	35.2	2.5	.1	61.5	93.2	.2		
Bellefontaine city -----	5 127	12.4	38.1	15.7	12.2	.8	.8	99.0	97.5	.3		
Chillicothe city (pt.) -----	900	3.8	20.6	18.3	16.0	—	.3	98.3	97.4	—		
Circleville city -----	4 912	12.4	32.7	12.6	12.8	—	.5	97.5	96.5	.5		
Columbus city (pt.) -----	358	93.3	2.2	9.5	16.5	10.3	—	97.8	94.7	—		
Dublin city (pt.) -----	7	—	—	—	100.0	—	—	—	—	—		
Fairborn city -----	13 288	16.6	5.7	18.8	12.7	5.0	.2	99.7	99.2	3.0		
Kettering city (pt.) -----	—	—	—	—	—	—	—	—	—	—		
Lancaster city -----	14 754	9.8	31.4	16.1	9.7	.6	.3	98.4	97.1	.6		
Reynoldsburg city (pt.) -----	—	—	—	—	—	—	—	—	—	—		
Springfield city -----	29 562	5.2	40.9	16.2	10.3	2.2	.6	99.4	98.5	1.2		
Urbana city -----	4 777	12.1	36.8	13.5	11.6	.6	.9	99.0	98.6	.9		
Washington city -----	5 394	10.5	29.1	14.3	8.8	.3	.4	99.3	98.9	1.0		
Xenia city -----	9 325	6.5	16.7	11.1	12.3	.8	.2	99.7	98.7	.6		
District 8 -----	216 427	16.2	24.0	8.7	18.1	2.6	.5	76.7	70.7	.5		
COUNTY												
Auglaize County (pt.) -----	4 090	12.8	30.0	6.7	22.1	.6	1.1	67.5	72.0	.1		
Butler County -----	110 353	21.1	16.4	10.3	17.7	4.8	.3	93.8	83.0	.4		
Darke County -----	20 338	8.1	38.0	6.3	17.7	.1	.8	47.3	45.7	.8		
Mercer County (pt.) -----	12 924	14.4	24.4	6.7	19.5	.2	1.0	60.5	67.1	.6		
Miami County -----	35 985	9.4	30.9	7.9	19.0	.4	.5	67.1	63.3	.5		
Montgomery County (pt.) -----	1 054	4.2	34.8	2.2	17.8	—	.9	33.3	33.2	.9		
Preble County -----	15 174	12.2	34.5	5.6	17.3	.1	.8	52.9	46.1	.6		
Shelby County -----	16 509	14.9	29.4	7.6	17.7	1.1	.4	58.7	58.6	.3		
PLACE AND COUNTY SUBDIVISION												
Fairfield city (pt.) -----	16 281	34.3	1.7	11.4	18.0	16.5	—	98.6	98.5	.8		
Greenville city -----	5 500	9.9	33.6	12.6	9.6	.2	.3	99.2	98.1	1.4		
Hamilton city -----	25 362	7.5	32.1	16.8	9.6	1.5	.3	99.6	98.3	.4		
Huber Heights city (pt.) -----	6	—	—	—	—	—	—	—	—	—		

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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 8—Con. PLACE AND COUNTY SUBDIVISION—Con.										
Middletown city (pt.)	19 373	12.7	22.7	13.7	11.8	2.3	.3	99.8	98.8	.5
Oxford city	5 327	14.8	17.9	23.8	15.4	4.9	.4	99.7	98.6	.4
Piqua city	8 034	4.8	42.7	11.1	14.8	.4	.2	99.1	98.5	.8
Sharonville city (pt.)	753	53.9	—	4.4	36.5	—	—	100.0	96.7	—
Sidney city	7 386	13.7	29.1	11.5	13.2	2.2	.4	99.0	98.5	.2
Troy city	8 006	7.3	27.3	12.5	14.5	.7	.3	98.5	96.7	.4
District 9	230 027	11.6	28.8	12.3	15.0	2.2	.4	88.4	87.2	.5
COUNTY										
Fulton County	14 095	13.1	33.3	5.2	21.8	.3	.9	54.1	49.8	1.1
Lucas County	191 388	11.0	29.3	13.2	14.6	2.6	.4	94.6	92.6	.5
Ottawa County (pt.)	5 280	9.9	37.0	4.3	22.1	.2	.5	30.5	31.7	1.0
Wood County (pt.)	19 264	17.4	18.4	11.5	12.6	.7	.5	67.6	76.0	.5
PLACE AND COUNTY SUBDIVISION										
Bowling Green city (pt.)	3 532	25.2	15.0	28.6	4.5	—	.8	99.1	99.8	.6
Maumee city	6 181	12.1	14.5	8.4	18.9	2.1	.1	99.8	98.6	.1
Oregon city	7 265	10.7	13.9	12.5	15.2	.9	.3	99.1	82.3	.3
Perrysburg city (pt.)	361	46.3	—	12.2	—	—	—	100.0	100.0	—
Sylvania city	6 666	21.3	8.8	10.6	31.7	10.5	.2	97.3	98.0	.2
Toledo city	142 125	7.1	35.1	14.9	11.4	1.5	.3	99.8	99.4	.5
District 10	241 744	6.5	36.0	13.6	18.2	4.2	.3	99.4	97.6	.6
COUNTY										
Cuyahoga County (pt.)	241 744	6.5	36.0	13.6	18.2	4.2	.3	99.4	97.6	.6
PLACE AND COUNTY SUBDIVISION										
Bay Village city	6 359	5.7	12.2	3.5	38.2	2.2	.1	100.0	99.9	—
Berea city	7 242	4.5	18.8	17.8	21.0	3.8	.3	99.5	99.6	.5
Brooklyn city (pt.)	5 234	1.5	5.3	17.2	5.6	—	.1	100.0	99.8	.2
Cleveland city (pt.)	96 206	2.0	59.0	14.9	13.1	.7	.5	100.0	99.7	1.1
Fairview Park city	7 980	1.5	13.0	15.1	18.8	4.3	.2	100.0	99.7	.4
Lakewood city	28 521	1.6	63.3	28.1	14.8	8.1	.2	100.0	99.9	.3
North Olmsted city	13 081	6.9	5.8	8.1	29.7	11.9	.2	99.9	99.8	.2
Parma city	35 589	4.7	10.3	8.1	13.6	1.7	.2	99.9	96.3	.3
Rocky River city	9 691	7.5	19.4	12.2	22.6	18.4	.2	100.0	99.9	—
Seven Hills city	4 584	7.7	2.6	.3	28.7	.2	.4	99.7	85.2	—
Strongsville city (pt.)	8 368	33.7	3.4	1.7	44.8	2.2	.3	98.1	90.3	.2
Westlake city	11 014	40.0	5.3	11.3	33.9	16.8	.1	99.6	95.7	.3
District 11	251 431	3.4	38.1	18.1	16.4	3.0	.6	99.6	99.1	.8
COUNTY										
Cuyahoga County (pt.)	251 431	3.4	38.1	18.1	16.4	3.0	.6	99.6	99.1	.8
PLACE AND COUNTY SUBDIVISION										
Beachwood city (pt.)	463	1.5	5.6	1.5	38.7	11.7	—	100.0	100.0	—
Bedford city (pt.)	4 811	19.9	21.6	18.9	13.4	6.0	—	99.8	98.7	.1
Bedford Heights city	5 736	3.3	1.8	22.5	11.0	3.6	.2	99.9	99.4	.3
Brooklyn city (pt.)	5	—	100.0	—	—	—	—	100.0	100.0	—
Cleveland city (pt.)	128 105	3.4	47.7	19.9	13.1	1.4	.9	99.9	99.4	1.3
Cleveland Heights city	21 862	1.9	56.7	14.7	28.1	1.9	.1	100.0	99.9	.9
East Cleveland city	15 168	3.6	41.3	28.3	12.5	1.9	1.3	100.0	99.2	.8
Euclid city	26 586	2.7	15.6	19.9	12.2	6.5	.1	100.0	99.9	.2
Garfield Heights city (pt.)	1 826	1.3	28.4	12.8	16.1	—	.7	100.0	97.0	.7
Maple Heights city (pt.)	6 371	.8	18.9	6.7	11.8	1.2	.4	100.0	99.1	—
Shaker Heights city	13 374	1.6	39.3	8.4	40.0	6.7	.2	100.0	100.0	.4
South Euclid city	9 565	2.3	16.5	5.8	22.0	4.5	—	99.9	99.2	.1
University Heights city	5 286	1.7	24.2	7.9	31.3	.4	—	100.0	100.0	—
Warrensville Heights city	6 785	.2	2.5	14.1	8.8	11.2	.2	99.4	98.8	.1
District 12	232 775	21.8	14.3	13.5	18.9	4.4	.4	90.1	86.2	.7
COUNTY										
Delaware County	24 377	28.4	22.0	6.4	28.3	1.2	.2	79.8	54.0	.4
Franklin County (pt.)	183 837	21.2	12.8	15.3	17.3	5.2	.4	96.7	95.9	.7
Licking County (pt.)	24 561	20.0	18.1	6.7	21.0	1.3	.5	51.1	45.6	.6
PLACE AND COUNTY SUBDIVISION										
Bexley city	4 960	1.2	45.9	6.7	32.9	.7	—	99.9	99.6	—
Columbus city (pt.)	125 302	19.6	14.8	18.5	11.3	5.6	.5	99.4	98.6	.9
Delaware city	7 660	16.1	28.7	15.7	17.5	2.7	.2	99.4	97.9	.5
Dublin city (pt.)	5 752	77.5	1.8	3.1	56.2	11.5	.2	91.0	91.0	—
Gahanna city (pt.)	9 725	29.3	3.1	6.4	31.3	1.2	.1	96.3	94.1	.1
Hilliard city (pt.)	12	58.3	41.7	—	—	—	—	—	—	—
Newark city (pt.)	6 671	26.5	7.5	11.6	14.0	4.1	.1	96.9	87.0	1.2
Reynoldsburg city (pt.)	10 608	30.5	1.6	10.9	22.3	4.0	.1	98.6	98.8	.4
Westerville city	10 496	31.6	8.1	6.1	40.5	6.5	.1	98.6	97.9	.6
Whitehall city	9 065	2.3	5.9	17.7	11.1	6.3	.3	99.9	99.2	.6
Worthington city (pt.)	—	—	—	—	—	—	—	—	—	—
District 13	207 593	14.2	17.5	7.2	23.7	3.6	.6	71.5	65.5	.7
COUNTY										
Cuyahoga County (pt.)	5 596	40.6	7.8	6.4	31.7	10.6	—	92.6	71.3	—
Geauga County	27 922	17.5	16.6	4.5	35.4	2.4	1.5	18.6	24.9	2.1
Lorain County (pt.)	87 176	8.8	19.4	9.5	18.4	2.0	.4	97.5	85.5	.3
Medina County	43 330	17.1	16.6	6.3	27.2	4.5	.5	71.0	67.9	.4
Portage County (pt.)	20 097	17.0	20.4	4.1	23.2	2.7	.5	32.5	34.0	.4

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		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					
District 13 — Con.										
COUNTY— Con.										
Summit County (pt.) -----	13 279	20.9	6.3	6.0	23.1	14.3	.2	89.6	82.7	1.0
Trumbull County (pt.) -----	10 193	10.1	22.3	6.8	18.4	—	1.9	38.1	32.4	1.7
PLACE AND COUNTY SUBDIVISION										
Amherst city -----	3 864	8.4	19.0	6.9	21.5	—	—	97.9	92.6	—
Avon Lake city -----	5 588	22.7	10.5	5.4	35.7	8.5	.1	99.9	97.3	.1
Brecksville city (pt.) -----	2 139	41.0	7.8	6.2	46.8	8.6	—	94.9	81.3	—
Broadview Heights city (pt.) -----	531	49.5	9.6	1.1	18.3	33.1	—	88.1	59.7	—
Brunswick city -----	9 444	14.3	1.8	7.4	28.4	6.3	.1	99.3	99.1	.1
Elyria city -----	22 544	7.7	21.3	12.8	14.4	2.0	.5	99.5	97.7	.5
Lorain city -----	27 544	5.4	24.1	11.7	12.6	1.4	.3	100.0	99.0	.5
Medina city -----	7 354	24.1	17.2	12.3	23.3	7.3	—	98.8	98.3	.1
North Ridgeville city -----	7 305	12.4	8.3	4.5	23.6	3.9	.3	95.1	74.8	.2
North Royalton city (pt.) -----	2 926	38.7	7.4	7.5	23.1	7.9	—	91.8	66.2	—
Wadsworth city -----	6 218	11.5	24.0	7.7	20.6	3.9	—	98.7	98.1	—
District 14 -----	231 784	10.1	25.1	12.1	18.4	2.6	.4	77.4	82.3	.6
COUNTY										
Portage County (pt.) -----	32 202	14.4	18.8	13.5	16.7	2.0	.5	66.9	75.6	.8
Stark County (pt.) -----	1 384	10.3	10.7	3.1	24.7	—	—	—	.7	—
Summit County (pt.) -----	198 198	9.4	26.2	12.0	18.7	2.7	.3	79.7	84.0	.5
PLACE AND COUNTY SUBDIVISION										
Akron city -----	96 372	5.2	36.8	15.6	14.2	2.3	.3	99.5	99.2	.8
Barberton city -----	11 731	3.4	37.2	12.4	11.6	.7	.5	99.1	98.6	.4
Cuyahoga Falls city -----	21 269	9.8	21.1	15.0	16.2	3.0	.2	94.5	94.3	.3
Kent city -----	9 275	8.8	21.4	19.4	14.6	1.9	.2	97.7	98.1	.3
Norton city (pt.) -----	4 211	5.5	15.6	2.7	21.6	—	.3	21.8	21.2	—
Portage Lakes CDP -----	5 865	9.3	16.6	9.1	13.5	1.1	1.0	8.2	34.1	.3
Ravenna city -----	5 203	10.1	38.2	19.5	12.9	1.6	.7	99.3	98.4	1.5
Stow city -----	10 462	25.1	6.9	7.6	26.9	6.6	—	93.2	97.0	.3
Tallmadge city -----	5 732	11.1	9.2	9.3	22.5	.2	.2	74.4	95.8	.4
District 15 -----	236 007	17.4	17.5	13.8	14.9	5.1	.3	92.2	91.5	.7
COUNTY										
Franklin County (pt.) -----	221 581	17.3	17.0	14.3	14.8	5.4	.3	94.9	94.3	.6
Madison County -----	12 621	17.7	27.4	7.2	15.9	.2	.8	57.9	52.0	1.1
Pickaway County (pt.) -----	1 805	26.9	17.3	1.3	17.0	—	1.3	6.8	22.5	1.4
PLACE AND COUNTY SUBDIVISION										
Blacklick Estates CDP -----	3 371	1.5	—	9.0	17.8	.7	.5	95.9	95.3	—
Columbus city (pt.) -----	152 442	19.9	19.7	17.9	11.1	5.9	.3	99.2	98.9	.7
Dublin city (pt.) -----	164	40.9	—	—	7.3	17.1	—	80.5	94.5	—
Gahanna city (pt.) -----	196	34.2	7.7	11.2	5.1	—	—	94.9	91.3	—
Grove City city -----	7 675	22.9	5.8	8.9	17.0	2.5	.2	97.5	96.3	.3
Hilliard city (pt.) -----	4 544	42.9	2.9	7.8	20.8	2.2	—	94.8	95.2	.2
Upper Arlington city -----	14 376	3.7	12.4	3.5	33.6	8.6	—	99.5	99.5	1.1
Worthington city (pt.) -----	5 742	9.4	7.2	3.9	40.8	7.9	.2	98.2	97.9	—
District 16 -----	220 718	11.5	27.7	9.1	16.7	.8	.8	65.1	68.1	1.0
COUNTY										
Ashland County -----	18 139	11.6	33.6	8.4	18.1	.6	2.0	63.8	55.9	1.9
Holmes County -----	10 007	19.9	28.8	5.7	30.3	.2	2.3	29.4	20.3	5.0
Knox County (pt.) -----	10 010	13.7	36.9	11.7	17.1	.2	.8	70.5	71.1	1.1
Stark County (pt.) -----	145 526	9.6	26.8	9.5	15.1	.9	.4	70.0	76.0	.5
Wayne County -----	37 036	15.9	25.8	8.0	18.9	1.2	1.2	54.8	55.0	1.4
PLACE AND COUNTY SUBDIVISION										
Alliance city (pt.) -----	9 569	3.2	41.6	15.4	12.1	.7	.4	99.4	99.0	.8
Ashland city -----	8 020	9.6	31.8	12.2	14.7	1.3	.4	98.6	99.0	.6
Canton city -----	36 527	3.4	45.3	16.7	10.0	.5	.4	99.2	99.4	.9
Massillon city -----	12 814	6.3	43.1	11.9	10.4	.7	.3	99.0	98.4	.6
Mount Vernon city (pt.) -----	5 999	11.2	40.8	16.7	14.1	.3	.2	98.0	97.6	1.0
North Canton city -----	6 534	16.8	10.3	8.9	18.9	2.7	—	94.4	96.9	.3
Norton city (pt.) -----	9	—	—	—	—	—	—	—	—	—
Wooster city -----	9 015	14.2	27.6	14.4	17.0	3.2	.4	94.3	94.2	.3
District 17 -----	231 681	7.5	27.2	9.2	14.8	1.0	.7	79.1	75.4	.7
COUNTY										
Columbiana County (pt.) -----	43 426	9.4	34.7	9.1	13.7	.8	.9	59.4	53.9	1.0
Mahoning County -----	107 915	6.6	27.4	10.0	14.9	1.2	.7	86.8	84.6	.8
Trumbull County (pt.) -----	80 340	7.8	22.8	8.3	15.1	1.0	.4	79.3	74.8	.5
PLACE AND COUNTY SUBDIVISION										
Alliance city (pt.) -----	31	—	48.4	41.9	—	—	—	100.0	100.0	—
Austintown CDP -----	13 159	7.5	4.1	15.0	10.2	1.9	.1	98.7	94.7	.5
Boardman CDP -----	16 050	6.8	8.0	10.0	15.5	1.7	.1	96.0	96.7	.1
Campbell city -----	4 125	4.1	32.6	7.8	9.4	.4	.8	99.5	97.7	1.3
East Liverpool city -----	6 142	2.3	53.5	15.8	8.8	—	.6	99.3	94.0	1.8
Girard city -----	4 842	4.6	31.3	7.7	12.2	—	.8	99.3	97.2	.7
Niles city -----	8 882	5.1	30.6	14.0	12.9	—	.3	99.7	98.2	.5
Salem city -----	5 300	6.3	43.5	14.3	14.7	3.1	.5	99.7	99.5	.5
Struthers city -----	4 948	2.6	36.2	6.1	10.4	—	.6	99.5	99.4	1.3
Warren city -----	21 785	2.9	30.3	11.7	11.4	.6	.2	99.0	98.2	.5
Youngstown city -----	40 805	2.0	44.2	12.1	13.4	.5	.7	99.6	98.8	1.2

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 18 -----	239 146	11.3	34.1	9.1	13.1	.2	1.8	67.0	55.2	1.4
COUNTY										
Belmont County -----	30 575	9.2	39.9	9.6	12.2	—	1.2	87.3	60.5	.7
Carroll County -----	11 536	15.2	26.6	7.8	14.5	.3	1.3	33.9	40.0	.7
Columbiana County (pt.) -----	609	9.9	25.3	6.7	16.1	—	.8	2.0	5.4	—
Coshocton County -----	14 964	12.6	35.1	7.9	14.2	.1	2.4	50.0	46.6	2.2
Guernsey County -----	17 262	12.7	34.8	10.5	13.8	.1	2.7	70.0	47.8	2.5
Harrison County -----	7 301	11.5	38.6	7.5	17.2	.1	2.5	53.4	37.4	2.0
Jefferson County -----	33 911	6.3	32.0	8.6	12.2	.2	1.2	80.7	66.6	1.1
Licking County (pt.) -----	25 471	11.5	29.9	11.2	11.9	.2	.7	66.0	66.9	.8
Monroe County -----	6 567	11.3	37.7	6.8	15.9	—	6.6	57.1	24.7	5.1
Morgan County -----	6 681	16.3	30.9	9.4	16.6	.2	5.4	34.0	25.0	3.8
Muskingum County -----	33 029	12.7	31.5	10.6	11.3	.3	1.3	72.0	57.0	1.0
Noble County -----	4 998	13.3	36.9	7.5	15.0	.1	5.8	47.4	18.9	3.1
Perry County -----	12 260	14.4	37.9	7.1	13.9	.1	2.7	54.3	39.2	1.5
Tuscarawas County -----	33 982	12.0	36.0	8.0	13.6	.2	.9	68.1	69.2	.8
PLACE AND COUNTY SUBDIVISION										
Cambridge city -----	5 770	7.5	49.3	17.1	13.5	.2	1.6	99.7	98.8	2.7
Coshocton city -----	5 592	6.3	42.8	13.3	14.8	.2	.7	98.8	94.6	1.3
Dover city -----	4 620	7.6	42.9	8.3	13.7	.2	.4	99.4	98.0	.4
Newark city (pt.) -----	12 296	6.2	46.4	16.8	10.1	.4	.6	99.5	91.8	.9
New Philadelphia city -----	6 934	12.2	39.4	15.3	10.9	.2	.5	99.4	99.0	.6
Steubenville city -----	9 996	2.7	37.7	15.6	13.1	.6	1.1	99.6	98.4	1.4
Zanesville city -----	11 770	7.0	48.9	16.7	8.3	.8	.7	99.7	97.9	.5
District 19 -----	230 175	11.6	14.9	9.2	21.0	5.7	.4	91.1	82.7	.4
COUNTY										
Ashtabula County -----	41 214	8.9	35.4	10.6	18.4	.3	1.4	70.5	58.3	1.2
Cuyahoga County (pt.) -----	105 767	10.9	8.1	9.6	23.0	6.7	.2	97.8	91.2	.3
Lake County -----	83 194	13.7	13.3	8.1	19.9	7.2	.3	92.8	84.0	.3
PLACE AND COUNTY SUBDIVISION										
Ashtabula city -----	9 209	6.5	42.5	15.4	12.9	.4	.9	99.9	99.1	1.2
Beachwood city (pt.) -----	4 269	19.9	1.1	12.4	31.2	9.5	.3	100.0	98.7	.2
Bedford city (pt.) -----	2 263	5.7	19.8	19.0	9.8	5.5	.6	99.7	98.9	—
Brecksville city (pt.) -----	2 268	15.8	4.9	2.8	36.8	16.8	.3	99.6	81.3	—
Broadview Heights city (pt.) -----	4 479	21.6	4.8	8.5	23.6	10.4	.3	99.6	91.7	.2
Brook Park city -----	8 036	2.1	1.7	5.1	15.5	5.4	.4	100.0	96.7	.3
Conneaut city -----	5 717	5.8	48.2	10.5	17.2	—	.5	96.5	75.7	.3
Eastlake city -----	7 979	9.8	8.9	10.5	14.3	.8	—	99.9	97.2	.3
Garfield Heights city (pt.) -----	11 174	1.7	23.6	5.4	12.2	—	.3	100.0	98.1	1.0
Lyndhurst city -----	6 729	1.9	8.1	5.4	28.1	8.4	.3	99.8	99.8	.2
Maple Heights city (pt.) -----	4 420	1.4	9.9	7.7	12.9	5.1	.1	100.0	99.6	.2
Mayfield Heights city -----	10 300	6.9	5.8	24.4	6.9	5.2	.2	99.8	99.6	.1
Mentor city -----	17 172	20.8	5.8	2.7	24.7	13.6	.2	97.7	94.9	.2
Middleburg Heights city -----	6 312	4.7	3.0	11.9	21.0	12.7	.1	98.4	93.2	—
North Royalton city (pt.) -----	6 183	28.3	5.2	5.0	21.1	24.8	.3	98.1	92.8	.1
Painesville city -----	6 404	7.0	38.3	17.5	14.5	4.0	.1	99.7	98.9	.4
Parma Heights city -----	9 544	2.3	2.9	17.8	11.2	2.6	.3	99.9	99.3	.3
Solon city -----	6 601	31.2	5.1	1.8	45.1	2.4	—	95.2	87.2	—
Strongsville city (pt.) -----	4 731	22.0	2.3	16.4	23.8	9.1	—	99.2	93.4	—
Wickliffe city -----	5 623	.9	10.1	4.6	18.5	5.6	.2	100.0	99.6	.4
Willoughby city -----	8 969	19.0	16.3	11.6	13.3	12.4	.1	100.0	98.8	—
Willowick city -----	6 207	2.5	3.8	7.7	16.7	2.2	.1	100.0	99.9	.2