

**Table 25. Equipment and Fuels: 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	The State	District 1	District 2	District 3	District 4	District 5	District 6	District 7
<b>PLUMBING FACILITIES</b>								
<b>All housing units.....</b>	<b>4 938 140</b>	<b>233 417</b>	<b>252 665</b>	<b>232 903</b>	<b>228 320</b>	<b>256 745</b>	<b>232 809</b>	<b>219 880</b>
Complete plumbing facilities .....	4 891 083	230 607	250 156	231 966	227 089	247 912	230 964	219 504
Lacking complete plumbing facilities .....	47 057	2 810	2 509	937	1 231	8 833	1 845	376
<b>Owner-occupied housing units.....</b>	<b>3 176 693</b>	<b>120 864</b>	<b>123 618</b>	<b>155 525</b>	<b>164 178</b>	<b>148 652</b>	<b>161 979</b>	<b>156 825</b>
Complete plumbing facilities .....	3 160 155	120 199	122 746	155 146	163 496	147 335	161 099	156 599
Lacking complete plumbing facilities .....	16 538	665	872	379	682	1 317	880	226
<b>Renter-occupied housing units.....</b>	<b>1 319 273</b>	<b>81 901</b>	<b>98 881</b>	<b>63 115</b>	<b>51 797</b>	<b>57 107</b>	<b>56 600</b>	<b>54 221</b>
Complete plumbing facilities .....	1 309 456	80 860	97 968	62 736	51 490	56 701	56 046	54 103
Lacking complete plumbing facilities .....	9 817	1 041	913	379	307	406	554	118
<b>SOURCE OF WATER</b>								
<b>All housing units.....</b>	<b>4 938 140</b>	<b>233 417</b>	<b>252 665</b>	<b>232 903</b>	<b>228 320</b>	<b>256 745</b>	<b>232 809</b>	<b>219 880</b>
Public system or private company .....	3 854 953	232 905	252 175	232 646	178 835	138 908	168 442	205 888
Individual drilled well .....	905 420	114	121	173	44 139	82 669	57 045	12 482
Individual dug well .....	72 800	71	13	34	2 268	8 098	4 520	963
Some other source .....	104 967	327	356	50	3 078	27 070	2 802	547
<b>SEWAGE DISPOSAL</b>								
<b>All housing units.....</b>	<b>4 938 140</b>	<b>233 417</b>	<b>252 665</b>	<b>232 903</b>	<b>228 320</b>	<b>256 745</b>	<b>232 809</b>	<b>219 880</b>
Public sewer .....	3 670 338	230 391	249 180	231 620	160 911	119 459	161 177	198 805
Septic tank or cesspool .....	1 210 054	1 027	2 091	679	65 994	127 781	68 621	20 312
Other means .....	57 748	1 999	1 394	604	1 415	9 505	3 011	763
<b>KITCHEN FACILITIES</b>								
<b>All housing units.....</b>	<b>4 938 140</b>	<b>233 417</b>	<b>252 665</b>	<b>232 903</b>	<b>228 320</b>	<b>256 745</b>	<b>232 809</b>	<b>219 880</b>
Complete kitchen facilities .....	4 892 632	230 132	250 134	231 876	226 781	249 322	230 962	219 252
Lacking complete kitchen facilities .....	45 508	3 285	2 531	1 027	1 539	7 423	1 847	628
<b>HOUSE HEATING FUEL</b>								
<b>Occupied housing units.....</b>	<b>4 495 966</b>	<b>202 765</b>	<b>222 499</b>	<b>218 640</b>	<b>215 975</b>	<b>205 759</b>	<b>218 579</b>	<b>211 046</b>
Utility gas .....	2 226 793	148 055	154 357	187 001	157 633	103 202	43 961	103 151
Bottled, tank, or LP gas .....	76 697	2 559	3 661	1 480	2 914	5 659	3 363	2 239
Electricity .....	664 952	13 114	20 410	9 216	15 013	27 660	34 239	26 760
Fuel oil, kerosene, etc. ....	1 252 685	36 318	40 820	19 859	34 918	41 990	110 312	76 864
Coal or coke .....	132 277	564	357	149	1 437	7 004	21 731	248
Wood .....	116 613	47	100	75	3 061	19 276	3 968	737
Solar energy .....	1 158	33	71	-	28	32	58	56
Other fuel .....	17 112	1 197	1 798	521	689	754	564	651
No fuel used .....	7 679	878	925	339	282	182	383	340
<b>TELEPHONE IN UNIT</b>								
<b>Occupied housing units.....</b>	<b>4 495 966</b>	<b>202 765</b>	<b>222 499</b>	<b>218 640</b>	<b>215 975</b>	<b>205 759</b>	<b>218 579</b>	<b>211 046</b>
Telephone in unit .....	4 379 187	189 062	213 708	213 754	212 052	198 569	213 288	209 741
No telephone in unit .....	116 779	13 703	8 791	4 886	3 923	7 190	5 291	1 305
<b>VEHICLES AVAILABLE</b>								
<b>Owner-occupied housing units.....</b>	<b>3 176 693</b>	<b>120 864</b>	<b>123 618</b>	<b>155 525</b>	<b>164 178</b>	<b>148 652</b>	<b>161 979</b>	<b>156 825</b>
None .....	281 146	39 485	36 641	29 686	9 725	7 375	13 588	7 764
1 .....	996 800	52 847	53 880	67 771	50 305	49 049	46 977	45 912
2 .....	1 332 528	23 256	26 680	46 633	73 393	68 208	68 570	72 540
3 or more .....	566 219	5 276	6 417	11 435	30 755	24 020	32 844	30 609
Vehicles per household .....	1.8	1.0	1.0	1.3	1.8	1.8	1.8	1.9
<b>Renter-occupied housing units.....</b>	<b>1 319 273</b>	<b>81 901</b>	<b>98 881</b>	<b>63 115</b>	<b>51 797</b>	<b>57 107</b>	<b>56 600</b>	<b>54 221</b>
None .....	400 257	53 253	54 925	25 374	13 218	12 402	15 428	10 009
1 .....	592 161	22 596	35 456	28 717	24 709	28 300	24 569	27 590
2 .....	272 504	5 291	7 361	7 984	11 774	13 565	13 197	14 268
3 or more .....	54 351	761	1 139	1 040	2 096	2 840	3 406	2 354
Vehicles per household .....	1.0	.4	.5	.8	1.1	1.1	1.1	1.2
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>								
<b>Owner-occupied housing units.....</b>	<b>3 176 693</b>	<b>120 864</b>	<b>123 618</b>	<b>155 525</b>	<b>164 178</b>	<b>148 652</b>	<b>161 979</b>	<b>156 825</b>
Lacking complete plumbing facilities .....	16 538	665	872	379	682	1 317	880	226
1.00 or less .....	15 638	606	784	345	660	1 186	862	226
1.01 or more .....	900	59	88	34	22	131	18	-
<b>Renter-occupied housing units.....</b>	<b>1 319 273</b>	<b>81 901</b>	<b>98 881</b>	<b>63 115</b>	<b>51 797</b>	<b>57 107</b>	<b>56 600</b>	<b>54 221</b>
Lacking complete plumbing facilities .....	9 817	1 041	913	379	307	406	554	118
1.00 or less .....	8 969	820	783	323	303	376	535	118
1.01 or more .....	848	221	130	56	4	30	19	-
<b>HOUSEHOLDER 65 YEARS AND OVER</b>								
<b>Occupied housing units.....</b>	<b>1 200 708</b>	<b>52 063</b>	<b>59 640</b>	<b>68 214</b>	<b>61 156</b>	<b>51 568</b>	<b>62 749</b>	<b>53 258</b>
Owner-occupied housing units .....	911 844	38 039	41 144	52 566	49 104	41 169	48 792	41 991
Lacking complete plumbing facilities .....	8 623	224	243	194	302	555	677	111
No telephone in unit .....	17 770	1 657	1 096	755	587	964	983	238
No vehicle available .....	333 120	29 280	30 456	28 591	13 560	9 609	17 664	10 678

Table 25. **Equipment and Fuels: 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	District 8	District 9	District 10	District 11	District 12	District 13	District 14
<b>PLUMBING FACILITIES</b>							
<b>All housing units.....</b>	<b>209 443</b>	<b>238 228</b>	<b>283 336</b>	<b>248 407</b>	<b>237 214</b>	<b>220 460</b>	<b>252 558</b>
Complete plumbing facilities .....	208 938	232 465	279 672	246 703	233 726	219 784	251 376
Lacking complete plumbing facilities .....	505	5 763	3 664	1 704	3 488	676	1 182
<b>Owner-occupied housing units.....</b>	<b>150 620</b>	<b>159 731</b>	<b>152 872</b>	<b>157 650</b>	<b>160 014</b>	<b>154 497</b>	<b>135 636</b>
Complete plumbing facilities .....	150 343	157 516	152 038	156 941	158 490	154 163	135 298
Lacking complete plumbing facilities .....	277	2 215	834	709	1 524	334	338
<b>Renter-occupied housing units.....</b>	<b>49 058</b>	<b>52 647</b>	<b>59 980</b>	<b>61 283</b>	<b>53 415</b>	<b>57 196</b>	<b>95 967</b>
Complete plumbing facilities .....	48 963	51 764	59 569	60 888	52 723	56 943	95 438
Lacking complete plumbing facilities .....	95	883	411	395	692	253	529
<b>SOURCE OF WATER</b>							
<b>All housing units.....</b>	<b>209 443</b>	<b>238 228</b>	<b>283 336</b>	<b>248 407</b>	<b>237 214</b>	<b>220 460</b>	<b>252 558</b>
Public system or private company .....	162 246	137 651	157 405	173 045	164 872	197 996	248 423
Individual drilled well .....	43 829	79 497	109 667	67 568	50 806	20 687	3 655
Individual dug well .....	2 850	7 233	6 175	4 640	6 169	1 500	196
Some other source .....	518	13 847	10 089	3 154	15 367	277	284
<b>SEWAGE DISPOSAL</b>							
<b>All housing units.....</b>	<b>209 443</b>	<b>238 228</b>	<b>283 336</b>	<b>248 407</b>	<b>237 214</b>	<b>220 460</b>	<b>252 558</b>
Public sewer .....	172 491	120 381	139 363	162 855	124 053	197 548	246 014
Septic tank or cesspool .....	35 968	111 643	137 267	82 908	107 505	22 114	5 938
Other means .....	984	6 204	6 706	2 644	5 656	798	606
<b>KITCHEN FACILITIES</b>							
<b>All housing units.....</b>	<b>209 443</b>	<b>238 228</b>	<b>283 336</b>	<b>248 407</b>	<b>237 214</b>	<b>220 460</b>	<b>252 558</b>
Complete kitchen facilities .....	208 787	234 200	279 698	246 301	234 563	219 598	250 912
Lacking complete kitchen facilities .....	656	4 028	3 638	2 106	2 651	862	1 646
<b>HOUSE HEATING FUEL</b>							
<b>Occupied housing units.....</b>	<b>199 678</b>	<b>212 378</b>	<b>212 852</b>	<b>218 933</b>	<b>213 429</b>	<b>211 693</b>	<b>231 603</b>
Utility gas .....	50 972	48 660	61 744	60 428	96 518	94 835	206 228
Bottled, tank, or LP gas .....	3 547	3 104	7 772	4 716	4 352	2 127	1 871
Electricity .....	49 950	34 490	38 636	42 842	22 479	37 080	17 523
Fuel oil, kerosene, etc. ....	90 955	89 487	77 091	82 027	63 865	74 763	2 582
Coal or coke .....	1 075	14 291	11 262	23 544	19 673	779	146
Wood .....	2 430	21 712	15 640	4 540	5 796	1 161	401
Solar energy .....	89	49	44	52	26	56	56
Other fuel .....	527	405	496	596	582	650	1 918
No fuel used .....	133	180	167	188	138	242	878
<b>TELEPHONE IN UNIT</b>							
<b>Occupied housing units.....</b>	<b>199 678</b>	<b>212 378</b>	<b>212 852</b>	<b>218 933</b>	<b>213 429</b>	<b>211 693</b>	<b>231 603</b>
Telephone in unit .....	198 124	204 514	207 041	213 870	205 963	210 293	226 125
No telephone in unit .....	1 554	7 864	5 811	5 063	7 466	1 400	5 478
<b>VEHICLES AVAILABLE</b>							
<b>Owner-occupied housing units.....</b>	<b>150 620</b>	<b>159 731</b>	<b>152 872</b>	<b>157 650</b>	<b>160 014</b>	<b>154 497</b>	<b>135 636</b>
None .....	4 055	10 040	9 776	13 768	11 836	5 663	19 415
1 .....	32 929	45 132	47 886	49 586	52 426	39 898	53 340
2 .....	75 942	70 053	66 871	63 803	66 926	75 675	47 113
3 or more .....	37 694	34 506	28 339	30 493	28 826	33 261	15 768
Vehicles per household .....	2.1	1.9	1.8	1.8	1.8	2.0	1.5
<b>Renter-occupied housing units.....</b>	<b>49 058</b>	<b>52 647</b>	<b>59 980</b>	<b>61 283</b>	<b>53 415</b>	<b>57 196</b>	<b>95 967</b>
None .....	6 220	11 195	15 248	16 587	13 507	8 959	44 157
1 .....	24 202	24 599	27 926	28 065	25 578	29 238	39 327
2 .....	15 514	13 511	14 056	13 536	11 902	15 955	10 808
3 or more .....	3 122	3 342	2 750	3 095	2 428	3 044	1 675
Vehicles per household .....	1.3	1.2	1.1	1.1	1.1	1.2	.7
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>							
<b>Owner-occupied housing units.....</b>	<b>150 620</b>	<b>159 731</b>	<b>152 872</b>	<b>157 650</b>	<b>160 014</b>	<b>154 497</b>	<b>135 636</b>
Lacking complete plumbing facilities .....	277	2 215	834	709	1 524	334	338
1.00 or less .....	277	2 035	810	691	1 450	326	338
1.01 or more .....	-	180	24	18	74	8	-
<b>Renter-occupied housing units.....</b>	<b>49 058</b>	<b>52 647</b>	<b>59 980</b>	<b>61 283</b>	<b>53 415</b>	<b>57 196</b>	<b>95 967</b>
Lacking complete plumbing facilities .....	95	883	411	395	692	253	529
1.00 or less .....	78	827	402	379	654	253	492
1.01 or more .....	17	56	9	16	38	-	37
<b>HOUSEHOLDER 65 YEARS AND OVER</b>							
<b>Occupied housing units.....</b>	<b>37 641</b>	<b>56 710</b>	<b>62 229</b>	<b>69 835</b>	<b>64 502</b>	<b>54 645</b>	<b>67 270</b>
Owner-occupied housing units .....	28 772	45 187	46 596	52 192	51 654	39 836	45 337
Lacking complete plumbing facilities .....	105	1 084	436	533	904	108	302
No telephone in unit .....	244	1 068	1 002	1 201	1 458	366	950
No vehicle available .....	6 402	12 190	15 229	19 847	15 098	9 814	28 199

Table 25. **Equipment and Fuels: 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	District 15	District 16	District 17	District 18	District 19	District 20	District 21
<b>PLUMBING FACILITIES</b>							
<b>All housing units.....</b>	<b>223 547</b>	<b>206 622</b>	<b>229 297</b>	<b>246 896</b>	<b>223 015</b>	<b>232 917</b>	<b>229 461</b>
Complete plumbing facilities .....	222 424	205 049	227 762	245 948	221 175	230 602	227 261
Lacking complete plumbing facilities .....	1 123	1 573	1 535	948	1 840	2 315	2 200
<b>Owner-occupied housing units.....</b>	<b>152 913</b>	<b>140 401</b>	<b>149 385</b>	<b>162 349</b>	<b>155 283</b>	<b>163 035</b>	<b>150 666</b>
Complete plumbing facilities .....	152 331	139 459	148 714	162 000	154 510	162 034	149 698
Lacking complete plumbing facilities .....	582	942	671	349	773	1 001	968
<b>Renter-occupied housing units.....</b>	<b>60 507</b>	<b>57 496</b>	<b>67 510</b>	<b>69 888</b>	<b>56 669</b>	<b>54 823</b>	<b>59 212</b>
Complete plumbing facilities .....	60 096	57 039	67 078	69 621	56 333	54 230	58 867
Lacking complete plumbing facilities .....	411	457	432	267	336	593	345
<b>SOURCE OF WATER</b>							
<b>All housing units.....</b>	<b>223 547</b>	<b>206 622</b>	<b>229 297</b>	<b>246 896</b>	<b>223 015</b>	<b>232 917</b>	<b>229 461</b>
Public system or private company .....	180 564	127 484	163 906	244 846	144 578	196 076	146 062
Individual drilled well .....	38 041	70 605	58 898	1 298	68 898	24 026	71 202
Individual dug well .....	2 715	5 766	4 284	172	5 417	2 385	7 331
Some other source .....	2 227	2 767	2 209	580	4 122	10 430	4 866
<b>SEWAGE DISPOSAL</b>							
<b>All housing units.....</b>	<b>223 547</b>	<b>206 622</b>	<b>229 297</b>	<b>246 896</b>	<b>223 015</b>	<b>232 917</b>	<b>229 461</b>
Public sewer .....	174 314	128 923	166 879	238 457	139 672	155 885	151 960
Septic tank or cesspool .....	47 702	75 051	60 508	7 863	80 395	73 380	75 307
Other means .....	1 531	2 648	1 910	576	2 948	3 652	2 194
<b>KITCHEN FACILITIES</b>							
<b>All housing units.....</b>	<b>223 547</b>	<b>206 622</b>	<b>229 297</b>	<b>246 896</b>	<b>223 015</b>	<b>232 917</b>	<b>229 461</b>
Complete kitchen facilities .....	222 338	205 482	227 860	245 449	221 165	230 912	226 908
Lacking complete kitchen facilities .....	1 209	1 140	1 437	1 447	1 850	2 005	2 553
<b>HOUSE HEATING FUEL</b>							
<b>Occupied housing units.....</b>	<b>213 420</b>	<b>197 897</b>	<b>216 895</b>	<b>232 237</b>	<b>211 952</b>	<b>217 858</b>	<b>209 878</b>
Utility gas .....	48 207	37 040	39 289	209 407	78 758	141 442	155 905
Bottled, tank, or LP gas .....	3 523	5 606	3 629	1 337	5 437	2 490	5 311
Electricity .....	61 386	57 121	58 094	15 532	41 854	27 667	13 886
Fuel oil, kerosene, etc. ....	89 918	85 801	99 351	3 840	70 579	37 016	24 329
Coal or coke .....	6 711	5 590	8 482	193	3 311	4 623	1 107
Wood .....	2 650	5 557	6 137	564	11 124	3 645	7 992
Solar energy .....	79	139	128	-	119	26	17
Other fuel .....	479	629	1 277	1 033	517	691	1 138
No fuel used .....	467	414	508	331	253	258	193
<b>TELEPHONE IN UNIT</b>							
<b>Occupied housing units.....</b>	<b>213 420</b>	<b>197 897</b>	<b>216 895</b>	<b>232 237</b>	<b>211 952</b>	<b>217 858</b>	<b>209 878</b>
Telephone in unit .....	209 879	190 783	211 781	228 890	206 458	212 940	202 352
No telephone in unit .....	3 541	7 114	5 114	3 347	5 494	4 918	7 526
<b>VEHICLES AVAILABLE</b>							
<b>Owner-occupied housing units.....</b>	<b>152 913</b>	<b>140 401</b>	<b>149 385</b>	<b>162 349</b>	<b>155 283</b>	<b>163 035</b>	<b>150 666</b>
None .....	8 225	7 884	7 220	14 278	6 027	11 316	7 379
1 .....	40 909	31 819	39 358	59 029	37 504	50 218	50 025
2 .....	69 378	67 865	70 791	65 837	74 282	71 803	66 909
3 or more .....	34 401	32 833	32 016	23 205	37 470	29 698	26 353
Vehicles per household .....	1.9	2.0	1.9	1.6	2.0	1.8	1.8
<b>Renter-occupied housing units.....</b>	<b>60 507</b>	<b>57 496</b>	<b>67 510</b>	<b>69 888</b>	<b>56 669</b>	<b>54 823</b>	<b>59 212</b>
None .....	13 841	11 228	14 529	21 204	8 810	14 185	15 978
1 .....	28 270	25 750	30 950	33 986	26 555	26 230	29 548
2 .....	15 060	16 633	18 176	12 991	17 155	12 088	11 679
3 or more .....	3 336	3 885	3 855	1 707	4 149	2 320	2 007
Vehicles per household .....	1.1	1.2	1.2	.9	1.3	1.1	1.0
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>							
<b>Owner-occupied housing units.....</b>	<b>152 913</b>	<b>140 401</b>	<b>149 385</b>	<b>162 349</b>	<b>155 283</b>	<b>163 035</b>	<b>150 666</b>
Lacking complete plumbing facilities .....	582	942	671	349	773	1 001	968
1.00 or less .....	579	861	647	349	742	985	879
1.01 or more .....	3	81	24	-	31	16	89
<b>Renter-occupied housing units.....</b>	<b>60 507</b>	<b>57 496</b>	<b>67 510</b>	<b>69 888</b>	<b>56 669</b>	<b>54 823</b>	<b>59 212</b>
Lacking complete plumbing facilities .....	411	457	432	267	336	593	345
1.00 or less .....	350	378	393	267	325	584	329
1.01 or more .....	61	79	39	-	11	9	16
<b>HOUSEHOLDER 65 YEARS AND OVER</b>							
<b>Occupied housing units.....</b>	<b>54 076</b>	<b>40 596</b>	<b>48 234</b>	<b>70 471</b>	<b>47 647</b>	<b>63 930</b>	<b>54 274</b>
Owner-occupied housing units .....	40 537	29 534	35 560	53 298	37 456	51 142	41 938
Lacking complete plumbing facilities .....	395	388	374	221	499	641	327
No telephone in unit .....	445	873	744	551	709	808	1 071
No vehicle available .....	12 598	8 129	10 786	20 626	8 332	15 319	10 713