

American Housing Survey 2005

Table 7-6. Failures in Equipment--Occupied Units With Elderly Householder

Numbers in thousands. Weighting consistent with Census 2000.

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Household Characteristics				Total Occupied Units
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Moved in past year	Below poverty level	
						Severe	Moderate					
Total	22,197	17,818	4,379	706	1,458	360	690	2,122	1,214	1,097	4,123	22,197
Water Supply Stoppage												
With hot and cold piped water	22,160	17,802	4,358	706	1,458	322	690	2,096	1,214	1,095	4,101	22,160
No stoppage in last 3 months	21,352	17,201	4,151	676	1,362	309	646	2,029	1,163	1,041	3,948	21,352
With stoppage in last 3 months	583	408	175	21	82	14	28	42	47	31	104	583
No stoppage lasting 6 hours or more	312	208	104	16	48	2	7	15	14	12	64	312
1 time lasting 6 hours or more	165	134	31	4	17	2	15	17	22	8	22	165
2 times	44	32	12	-	9	6	2	2	1	6	11	44
3 times	19	9	10	1	-	-	-	2	-	1	-	19
4 times or more	36	19	17	-	6	2	3	6	10	1	2	36
Number of times not reported	7	5	2	-	3	-	-	-	-	3	5	7
Stoppage not reported	224	193	32	9	14	-	16	25	4	22	49	224
Flush Toilet Breakdowns												
With one or more flush toilets	22,165	17,804	4,362	706	1,458	328	690	2,107	1,212	1,092	4,103	22,165
With at least one working toilet at all times in last 3 months	21,628	17,419	4,209	688	1,426	302	627	2,041	1,185	1,042	3,977	21,628

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Household Characteristics				Total Occupied Units
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Moved in past year	Below poverty level	
						Severe	Moderate					
None working some time in last 3 months	271	165	107	9	19	10	47	30	23	28	61	271
No breakdowns lasting 6 hours or more	120	71	48	4	11	-	11	11	11	13	24	120
1 time lasting 6 hours or more	103	61	42	1	2	2	9	17	2	9	23	103
2 times	21	10	11	3	4	4	3	-	-	4	7	21
3 times	4	4	-	-	-	-	4	2	-	2	2	4
4 times or more	24	18	6	-	2	4	20	-	10	-	5	24
Number of times not reported	-	-	-	-	-	-	-	-	-	-	-	-
Breakdowns not reported	266	220	47	9	14	16	15	36	4	22	65	266
Sewage Disposal Breakdowns												
With public sewer	17,262	13,174	4,088	594	779	284	514	1,836	1,127	965	3,304	17,262
No breakdowns in last 3 months	17,116	13,079	4,037	589	776	280	502	1,820	1,115	957	3,273	17,116
With breakdowns in last 3 months	147	96	51	5	3	4	13	16	12	8	31	147
No breakdowns lasting 6 hours or more	34	24	10	5	-	-	5	3	3	5	5	34
1 time lasting 6 hours or more	88	54	34	-	-	2	2	11	2	3	22	88
2 times	7	7	-	-	3	-	-	-	4	-	-	7

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Household Characteristics				Total Occupied Units
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Moved in past year	Below poverty level	
						Severe	Moderate					
3 times	-	-	-	-	-	-	-	-	-	-	-	-
4 times or more	17	11	7	-	-	2	6	2	3	-	5	17
With septic tank or cesspool	4,915	4,630	285	112	679	56	175	276	87	132	804	4,915
No breakdowns in last 3 months	4,871	4,589	282	112	679	51	171	272	87	132	799	4,871
With breakdowns in last 3 months	44	41	3	-	-	5	4	5	-	-	5	44
No breakdowns lasting 6 hours or more	22	22	-	-	-	3	-	-	-	-	5	22
1 time lasting 6 hours or more	22	19	3	-	-	2	4	5	-	-	-	22
2 times	-	-	-	-	-	-	-	-	-	-	-	-
3 times	-	-	-	-	-	-	-	-	-	-	-	-
4 times or more	-	-	-	-	-	-	-	-	-	-	-	-
Heating Problems												
With heating equipment and occupied last winter	21,695	17,583	4,112	616	1,410	350	667	2,051	1,196	684	4,014	21,695
Not uncomfortably cold for 24 hours or more last winter	20,437	16,647	3,790	585	1,317	269	592	1,869	1,110	622	3,702	20,437
Uncomfortably cold for 24 hours or more last winter ¹	1,009	728	282	17	75	79	55	148	78	36	251	1,009
Equipment breakdowns	293	210	84	4	8	72	2	46	39	14	62	293
No breakdowns lasting 6 hours or more	27	23	4	-	3	-	-	5	2	8	4	27
1 time lasting 6 hours or more	166	118	48	2	2	2	2	20	9	-	36	166
2 times	31	20	11	-	-	-	-	8	5	-	2	31
3 times	30	23	6	-	4	30	-	-	7	4	9	30
4 times or more	41	26	14	2	-	41	-	12	17	2	10	41

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Household Characteristics				Total Occupied Units
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Moved in past year	Below poverty level	
						Severe	Moderate					
Number of times not reported	-	-	-	-	-	-	-	-	-	-	-	-
Other causes	727	528	199	12	69	14	53	105	41	28	192	727
Utility interruption	287	250	37	3	26	2	7	6	4	5	44	287
Inadequate heating capacity	126	73	53	-	16	7	12	46	8	8	66	126
Inadequate insulation	101	70	32	2	12	5	14	44	6	8	48	101
Cost of heating	86	54	32	-	11	2	2	3	15	2	24	86
Other	195	123	73	7	13	5	22	39	13	13	46	195
Not reported	4	2	2	-	-	-	-	-	-	-	2	4
Reason for discomfort not reported	6	-	6	-	-	-	-	3	-	-	4	6
Discomfort not reported	249	209	39	15	17	2	20	34	9	26	61	249
Electric Fuses and Circuit Breakers												
With electrical wiring	22,185	17,809	4,376	704	1,458	355	690	2,122	1,214	1,094	4,123	22,185
No fuses or breakers blown in last 3 months	20,599	16,526	4,072	670	1,340	321	615	1,967	1,132	1,003	3,861	20,599

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Household Characteristics				Total Occupied Units
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Moved in past year	Below poverty level	
						Severe	Moderate					
With fuses or breakers blown in last 3 months	1,180	983	197	24	94	31	55	127	64	67	156	1,180
1 time	802	683	119	16	60	21	29	73	41	44	101	802
2 times	200	165	34	5	20	6	16	29	12	12	30	200
3 times	67	51	16	-	5	-	7	10	-	9	9	67
4 times or more	104	81	23	3	10	5	3	15	8	2	14	104
Number of times not reported	7	2	5	-	-	-	-	-	3	-	2	7
Problem not reported or don't know	406	299	107	10	24	3	19	29	18	25	106	406

¹Other causes and equipment breakdowns may not add to total as both may be reported.

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Table 7-6. Failures in

Numbers in thousands

Characteristics	In MSAs			Urban		Rural			Regions			
	Central Cities	Suburbs	Outside MSAs	Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Total	5,986	10,343	5,869	15,883	2,322	6,314	2,713	3,547	4,705	5,272	7,853	4,367
Water Supply Stoppage												
With hot and cold piped water	5,972	10,337	5,850	15,867	2,322	6,293	2,710	3,529	4,698	5,272	7,826	4,362
No stoppage in last 3 months	5,765	9,934	5,653	15,351	2,262	6,002	2,559	3,391	4,502	5,101	7,560	4,190
With stoppage in last 3 months	145	290	148	358	44	225	119	104	151	119	160	154
No stoppage lasting 6 hours or more	85	154	74	204	21	109	56	53	68	52	103	90
1 time lasting 6 hours or more	43	81	41	101	15	64	35	26	39	41	45	40
2 times	1	23	20	21	7	23	10	13	7	9	8	20
3 times	2	15	1	8	1	11	11	-	10	6	-	2
4 times or more	14	15	6	24	-	11	5	6	22	7	4	3
Number of times not reported	-	2	5	-	-	7	2	5	3	4	-	-
Stoppage not reported	61	113	50	158	16	66	32	34	46	53	107	19
Flush Toilet Breakdowns												
With one or more flush toilets	5,976	10,339	5,850	15,871	2,319	6,294	2,710	3,530	4,701	5,272	7,835	4,357
With at least one working toilet at all times in last 3 months	5,834	10,080	5,714	15,487	2,266	6,141	2,638	3,448	4,588	5,156	7,593	4,292

Characteristics	In MSAs		Outside MSAs	Urban		Rural			Regions			
	Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
None working some time in last 3 months	69	134	69	194	26	77	35	42	65	50	110	46
No breakdowns lasting 6 hours or more	32	64	23	88	11	31	19	12	36	22	45	17
1 time lasting 6 hours or more	26	54	24	84	12	19	8	11	20	21	51	11
2 times	3	8	11	7	1	14	5	9	8	5	-	8
3 times	2	-	2	2	-	2	-	2	-	2	2	-
4 times or more	7	8	9	14	2	10	3	7	3	-	11	10
Number of times not reported	-	-	-	-	-	-	-	-	-	-	-	-
Breakdowns not reported	74	126	67	190	27	77	37	40	47	67	133	19
Sewage Disposal Breakdowns												
With public sewer	5,839	8,007	3,416	15,029	2,199	2,233	1,000	1,217	3,771	4,256	5,541	3,695
No breakdowns in last 3 months	5,784	7,948	3,384	14,900	2,181	2,215	997	1,203	3,732	4,215	5,495	3,674
With breakdowns in last 3 months	55	60	32	129	18	18	3	14	39	40	46	21
No breakdowns lasting 6 hours or more	12	15	8	31	5	4	1	2	6	2	20	6
1 time lasting 6 hours or more	28	41	19	82	13	6	-	6	29	33	13	13
2 times	7	-	-	7	-	-	-	-	2	-	3	3

Characteristics	In MSAs			Urban			Rural			Regions			
	Central Cities	Suburbs	Outside MSAs	Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West	
3 times	-	-	-	-	-	-	-	-	-	-	-	-	
4 times or more	7	4	6	10	-	7	2	6	2	5	10	-	
With septic tank or cesspool	147	2,332	2,436	854	122	4,061	1,709	2,313	934	1,017	2,295	669	
No breakdowns in last 3 months	147	2,307	2,417	846	122	4,025	1,692	2,294	921	1,012	2,276	662	
With breakdowns in last 3 months	-	25	19	7	-	37	18	19	13	5	19	7	
No breakdowns lasting 6 hours or more	-	12	10	3	-	19	10	10	10	2	10	-	
1 time lasting 6 hours or more	-	13	9	5	-	17	8	9	3	3	9	7	
2 times	-	-	-	-	-	-	-	-	-	-	-	-	
3 times	-	-	-	-	-	-	-	-	-	-	-	-	
4 times or more	-	-	-	-	-	-	-	-	-	-	-	-	
Heating Problems													
With heating equipment and occupied last winter	5,812	10,159	5,724	15,494	2,236	6,201	2,662	3,487	4,644	5,172	7,654	4,225	
Not uncomfortably cold for 24 hours or more last winter	5,430	9,576	5,431	14,643	2,167	5,794	2,477	3,264	4,326	4,766	7,302	4,042	
Uncomfortably cold for 24 hours or more last winter ¹	321	461	228	684	51	326	149	177	270	346	235	158	
Equipment breakdowns	110	142	42	223	13	70	41	29	116	74	54	49	
No breakdowns lasting 6 hours or more	13	9	5	17	3	10	8	2	5	9	3	10	
1 time lasting 6 hours or more	52	88	25	125	6	41	22	19	77	43	34	12	
2 times	20	10	1	27	-	4	2	1	18	8	-	5	
3 times	10	12	8	16	2	14	7	6	9	2	4	13	
4 times or more	15	23	2	38	2	2	2	-	7	12	14	8	

Characteristics	In MSAs		Outside MSAs	Urban		Rural			Regions			
	Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Number of times not reported	-	-	-	-	-	-	-	-	-	-	-	-
Other causes	217	326	184	467	35	260	112	148	154	272	186	115
Utility interruption	51	130	106	146	17	141	52	89	31	167	60	28
Inadequate heating capacity	57	50	18	87	3	38	23	15	35	28	53	10
Inadequate insulation	33	45	24	68	8	34	18	16	31	26	39	5
Cost of heating	19	41	26	54	5	32	12	20	28	10	21	27
Other	83	95	18	159	5	36	24	12	58	51	43	44
Not reported	2	-	2	2	-	2	-	2	-	-	2	2
Reason for discomfort not reported	5	-	2	6	2	-	-	-	3	2	-	2
Discomfort not reported	61	123	65	167	19	81	36	46	48	60	116	25
Electric Fuses and Circuit Breakers												
With electrical wiring	5,983	10,335	5,866	15,876	2,322	6,309	2,710	3,544	4,705	5,265	7,850	4,364
No fuses or breakers blown in last 3 months	5,537	9,621	5,441	14,717	2,130	5,881	2,519	3,311	4,366	4,849	7,301	4,083

Characteristics	In MSAs		Outside MSAs	Urban		Rural			Regions			
	Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
With fuses or breakers blown in last 3 months	317	519	344	838	149	342	147	195	238	326	377	239
1 time	201	368	232	584	115	218	100	118	164	235	238	164
2 times	58	85	57	128	17	71	32	40	49	43	74	35
3 times	21	22	24	48	7	19	3	16	8	19	29	12
4 times or more	32	41	31	73	10	31	10	21	13	29	33	29
Number of times not reported	5	2	-	5	-	2	2	-	5	-	2	-
Problem not reported or don't know	130	195	81	320	42	86	44	39	101	90	173	42

¹Other causes and eq