

American Housing Survey 2005

**Table 3-6. Failures in Equipment--Owner Occupied Units**

Numbers in thousands. Weighting consistent with Census 2000.

Characteristics	Total Occupied Units	Housing unit characteristics				Household characteristics				
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
				Severe	Moderate					
<b>Total</b>	<b>74,931</b>	<b>4,919</b>	<b>5,516</b>	<b>922</b>	<b>1,645</b>	<b>6,471</b>	<b>5,752</b>	<b>17,818</b>	<b>6,591</b>	<b>6,450</b>
<b>Water Supply Stoppage</b>										
With hot and cold piped water	74,846	4,914	5,506	837	1,645	6,450	5,737	17,802	6,587	6,401
No stoppage in last 3 months	72,253	4,801	5,066	795	1,506	6,281	5,565	17,201	6,373	6,096
With stoppage in last 3 months	1,937	97	402	39	110	94	148	408	185	180
No stoppage lasting 6 hours or more	762	41	160	13	28	20	63	208	81	64
1 time lasting 6 hours or more	797	44	139	10	57	54	56	134	74	80
2 times	194	9	49	3	2	8	11	32	17	17
3 times	41	3	10	-	-	3	-	9	2	2
4 times or more	121	-	37	13	22	9	15	19	8	14
Number of times not reported	22	-	7	-	-	-	4	5	3	3
Stoppage not reported	656	16	38	3	29	74	25	193	29	125

Characteristics	Total Occupied Units	Housing unit characteristics				Household characteristics				
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
				Severe	Moderate					
<b>Flush Toilet Breakdowns</b>										
With one or more flush toilets	74,898	4,919	5,516	889	1,645	6,464	5,749	17,804	6,591	6,422
With at least one working toilet at all times in last 3 months	73,276	4,857	5,361	807	1,497	6,276	5,607	17,419	6,431	6,180
None working some time in last 3 months	840	43	91	24	111	106	98	165	128	87
No breakdowns lasting 6 hours or more	383	21	54	8	38	36	54	71	56	43
1 time lasting 6 hours or more	354	18	27	5	16	49	30	61	57	29
2 times	41	2	-	-	5	3	3	10	-	4
3 times	14	-	-	5	9	7	4	4	4	2
4 times or more	45	2	11	6	39	11	7	18	10	8
Number of times not reported	3	-	-	-	3	-	-	-	-	-
Breakdowns not reported	782	19	64	58	38	81	45	220	33	155

Characteristics	Total Occupied Units	Housing unit characteristics				Household characteristics				
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
				Severe	Moderate					
<b>Sewage Disposal Breakdowns</b>										
With public sewer	55,496	3,662	2,369	673	1,130	5,591	5,149	13,174	5,285	4,552
No breakdowns in last 3 months	54,975	3,650	2,338	665	1,081	5,530	5,058	13,079	5,214	4,515
With breakdowns in last 3 months	520	12	31	8	50	61	91	96	71	36
No breakdowns lasting 6 hours or more	177	9	11	3	15	21	19	24	24	5
1 time lasting 6 hours or more	266	3	16	5	18	30	44	54	37	18
2 times	33	-	3	-	3	-	9	7	6	3
3 times	10	-	-	-	-	2	4	-	-	2
4 times or more	35	-	2	-	14	7	13	11	5	7
With septic tank or cesspool	19,403	1,257	3,147	217	515	873	603	4,630	1,304	1,873
No breakdowns in last 3 months	19,180	1,247	3,121	204	496	858	586	4,589	1,288	1,849
With breakdowns in last 3 months	223	10	26	13	18	15	17	41	16	24

Characteristics	Total Occupied Units	Housing unit characteristics				Household characteristics				
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
				Severe	Moderate					
No breakdowns lasting 6 hours or more	70	4	13	3	3	4	3	22	2	10
1 time lasting 6 hours or more	135	7	10	11	10	6	14	19	14	15
2 times	8	-	-	-	-	-	-	-	-	-
3 times	3	-	-	-	3	3	-	-	-	-
4 times or more	8	-	3	-	3	3	-	-	-	-
<b>Heating Problems</b> With heating equipment and occupied last winter	72,158	4,266	5,256	899	1,577	6,270	5,368	17,583	4,085	6,208
Not uncomfortably cold for 24 hours or more last winter	67,172	3,995	4,680	618	1,320	5,640	4,985	16,647	3,714	5,619
Uncomfortably cold for 24 hours or more last winter <sup>1</sup>	4,260	236	504	280	231	540	345	728	319	461
Equipment breakdowns	1,310	63	103	239	32	210	98	210	105	128
No breakdowns lasting 6 hours or more	70	4	6	-	2	8	3	23	5	14

Characteristics	Total Occupied Units	Housing unit characteristics				Household characteristics				
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
				Severe	Moderate					
1 time lasting 6 hours or more	816	37	55	-	22	139	52	118	62	73
2 times	175	11	14	2	5	27	6	20	15	4
3 times	87	3	8	87	-	9	9	23	8	6
4 times or more	150	8	18	150	-	26	28	26	15	27
Number of times not reported	11	-	3	-	3	-	-	-	-	3
Other causes	3,025	179	414	53	203	339	255	528	222	348
Utility interruption	1,234	73	181	10	35	72	35	250	61	95
Inadequate heating capacity	367	15	65	20	56	61	64	73	29	97
Inadequate insulation	383	14	90	33	52	91	65	70	36	104
Cost of heating	470	20	64	13	41	48	56	54	42	71
Other	795	66	68	11	53	110	76	123	64	60
Not reported	24	-	-	-	3	3	-	2	3	-
Reason for discomfort not reported	8	-	-	-	3	-	-	-	3	3
Discomfort not reported	726	35	72	2	26	90	38	209	51	129

Characteristics	Total Occupied Units	Housing unit characteristics				Household characteristics				
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
				Severe	Moderate					
<b>Electric Fuses and Circuit Breakers</b>										
With electrical wiring	74,891	4,912	5,516	899	1,645	6,471	5,749	17,809	6,588	6,435
No fuses or breakers blown in last 3 months	67,056	4,467	4,977	752	1,394	5,843	5,226	16,526	5,737	5,810
With fuses or breakers blown in last 3 months	6,661	416	427	138	214	500	458	983	801	414
1 time	3,790	251	210	79	78	320	264	683	418	228
2 times	1,441	80	102	20	63	114	97	165	169	88
3 times	518	41	32	17	13	25	41	51	72	34
4 times or more	872	44	82	22	58	36	54	81	142	64
Number of times not reported	41	-	-	-	2	5	3	2	-	-
Problem not reported or don't know	1,174	28	113	10	37	128	65	299	50	210

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

American Housing Su

**Table 3-6. Failures in**

Numbers in thousand:

Characteristics	Total Occupied Units	In MSAs		Outside MSAs	Urban		Rural			Regions			
		Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
<b>Total</b>	<b>74,931</b>	<b>17,257</b>	<b>39,130</b>	<b>18,545</b>	<b>51,909</b>	<b>6,749</b>	<b>23,022</b>	<b>11,009</b>	<b>11,796</b>	<b>13,217</b>	<b>18,360</b>	<b>28,003</b>	<b>15,350</b>
<b>Water Supply Stoppage</b>													
With hot and cold piped water	74,846	17,243	39,106	18,497	51,873	6,742	22,973	11,001	11,755	13,211	18,346	27,941	15,348
No stoppage in last 3 months	72,253	16,733	37,811	17,710	50,379	6,498	21,874	10,457	11,212	12,679	17,777	27,001	14,796
With stoppage in last 3 months	1,937	348	933	656	1,062	216	874	422	440	381	422	663	471
No stoppage lasting 6 hours or more	762	161	353	248	472	88	290	126	161	133	154	249	227
1 time lasting 6 hours or more	797	131	404	262	412	79	385	194	183	165	192	268	172
2 times	194	29	89	76	104	32	90	46	44	31	33	80	49
3 times	41	-	24	17	11	4	30	16	14	8	13	15	6
4 times or more	121	24	52	45	52	11	69	35	34	39	25	45	12
Number of times not reported	22	3	12	7	11	2	10	5	5	5	5	6	6
Stoppage not reported	656	163	362	131	432	28	224	121	103	151	147	277	80

Characteristics	Total Occupied Units	In MSAs		Outside MSAs	Urban		Rural			Regions			
		Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
<b>Flush Toilet Breakdowns</b>													
With one or more flush toilets	74,898	17,257	39,119	18,523	51,901	6,749	22,998	11,006	11,774	13,217	18,350	27,981	15,350
With at least one working toilet at all times in last 3 months	73,276	16,869	38,271	18,137	50,815	6,633	22,462	10,742	11,503	12,883	18,043	27,267	15,084
None working some time in last 3 months	840	202	442	196	588	70	252	125	126	169	139	357	175
No breakdowns lasting 6 hours or more	383	99	187	96	276	35	106	45	61	82	63	158	80
1 time lasting 6 hours or more	354	77	211	66	249	24	106	63	42	61	69	142	82
2 times	41	9	22	9	28	5	13	8	5	13	5	18	6
3 times	14	4	7	2	11	-	2	-	2	4	2	7	-
4 times or more	45	9	14	22	20	6	24	9	16	9	-	29	7
Number of times not reported	3	3	-	-	3	-	-	-	-	-	-	3	-
Breakdowns not reported	782	186	406	191	498	46	284	140	145	165	169	357	91

Characteristics	Total Occupied Units	In MSAs		Outside MSAs	Urban		Rural			Regions			
		Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
<b>Sewage Disposal Breakdowns</b>													
With public sewer	55,496	16,632	29,274	9,590	47,793	6,105	7,702	4,121	3,486	9,429	13,954	19,179	12,933
No breakdowns in last 3 months	54,975	16,457	29,042	9,476	47,321	6,021	7,654	4,103	3,456	9,335	13,806	19,019	12,815
With breakdowns in last 3 months	520	175	232	114	472	84	49	19	30	95	148	160	118
No breakdowns lasting 6 hours or more	177	64	82	31	162	24	15	7	7	34	43	55	44
1 time lasting 6 hours or more	266	80	129	57	244	42	22	6	15	50	92	67	57
2 times	33	15	9	8	30	8	2	2	-	4	7	14	8
3 times	10	2	4	3	10	3	-	-	-	4	-	3	3
4 times or more	35	14	7	15	25	7	10	2	7	2	7	21	6
With septic tank or cesspool	19,403	625	9,848	8,931	4,110	644	15,293	6,885	8,287	3,787	4,394	8,804	2,417
No breakdowns in last 3 months	19,180	617	9,722	8,841	4,048	639	15,132	6,808	8,203	3,731	4,354	8,708	2,387
With breakdowns in last 3 months	223	8	126	89	62	6	161	77	84	56	40	96	30

Characteristics	Total Occupied Units	In MSAs		Outside MSAs	Urban		Rural			Regions			
		Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
No breakdowns lasting 6 hours or more	70	-	44	26	13	2	56	32	24	24	6	37	3
1 time lasting 6 hours or more	135	5	73	56	43	4	92	40	52	27	29	51	28
2 times	8	-	5	2	-	-	8	5	2	-	5	2	-
3 times	3	-	3	-	3	-	-	-	-	-	-	3	-
4 times or more	8	3	-	5	3	-	5	-	5	5	-	3	-
<b>Heating Problems</b> With heating equipment and occupied last winter	72,158	16,529	37,960	17,669	49,814	6,258	22,344	10,730	11,410	12,906	17,869	26,907	14,477
Not uncomfortably cold for 24 hours or more last winter	67,172	15,253	35,561	16,358	46,599	5,881	20,573	9,909	10,477	11,929	16,312	25,338	13,593
Uncomfortably cold for 24 hours or more last winter <sup>1</sup>	4,260	1,103	1,991	1,166	2,750	345	1,510	673	821	823	1,417	1,237	783
Equipment breakdowns	1,310	374	679	257	958	91	351	185	166	334	348	395	232
No breakdowns lasting 6 hours or more	70	18	33	19	42	9	28	18	10	20	21	16	14

Characteristics	Total Occupied Units	In MSAs		Outside MSAs	Urban		Rural			Regions			
		Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
1 time lasting 6 hours or more	816	229	445	143	622	53	195	104	90	200	208	261	147
2 times	175	39	94	43	126	14	50	21	29	49	62	30	34
3 times	87	28	42	17	57	5	30	17	12	26	18	31	12
4 times or more	150	56	65	29	106	11	44	25	19	35	36	54	26
Number of times not reported	11	6	-	5	6	-	5	-	5	5	3	3	-
Other causes	3,025	756	1,338	930	1,844	259	1,181	493	671	506	1,085	856	577
Utility interruption	1,234	211	553	470	575	94	660	274	376	163	652	313	106
Inadequate heating capacity	367	98	162	107	243	47	124	63	61	82	70	150	64
Inadequate insulation	383	114	154	116	282	54	101	40	62	91	122	116	54
Cost of heating	470	135	188	147	318	54	152	54	93	95	111	116	148
Other	795	254	380	161	572	39	223	93	122	143	171	255	226
Not reported	24	14	11	-	24	-	-	-	-	8	-	5	11
Reason for discomfort not reported	8	6	3	-	8	-	-	-	-	3	-	3	3
Discomfort not reported	726	173	408	145	465	33	261	148	113	153	140	331	102

Characteristics	Total Occupied Units	In MSAs		Outside MSAs	Urban		Rural			Regions			
		Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
<b>Electric Fuses and Circuit Breakers</b>													
With electrical wiring	74,891	17,249	39,113	18,530	51,886	6,746	23,005	11,005	11,783	13,215	18,335	27,994	15,348
No fuses or breakers blown in last 3 months	67,056	15,310	34,962	16,785	46,290	6,060	20,767	9,848	10,725	11,815	16,271	25,215	13,755
With fuses or breakers blown in last 3 months	6,661	1,663	3,476	1,522	4,782	614	1,878	949	908	1,165	1,804	2,228	1,463
1 time	3,790	962	1,953	874	2,724	373	1,066	557	501	644	1,019	1,271	856
2 times	1,441	334	779	328	1,034	124	407	200	204	309	378	478	276
3 times	518	119	281	118	386	47	133	59	72	83	136	196	103
4 times or more	872	237	438	197	616	68	256	119	129	115	257	275	225
Number of times not reported	41	10	25	5	24	3	17	14	2	15	15	8	3
Problem not reported or don't know	1,174	276	675	223	814	72	360	207	150	234	260	551	129

<sup>1</sup>Other causes and