

## Residential Air-Conditioning Saturation U.S. and by Census Region

Year	Occupied Housing Units	Housing with Room Air Conditioning*		Housing with Central Air Conditioning**		Housing without Any Air Conditioning	
	(000)	(000)	(%)	(000)	(%)	(000)	(%)
<b>UNITED STATES</b>							
1978	77,167	22,793	29.5	18,491	24.0	35,883	46.5
1979	78,572	23,041	29.3	19,813	25.2	35,717	45.5
1980	80,072	24,860	31.0	20,988	26.2	34,224	42.7
1981	83,175	24,622	29.6	22,848	27.5	35,705	42.9
1983	84,638	25,328	29.9	24,679	29.1	34,631	40.9
1985	88,425	26,010	29.4	29,447	33.3	32,968	37.3
1987	90,888	26,547	29.2	33,006	36.3	31,335	34.5
1989	93,683	27,208	29.0	37,554	40.1	28,921	30.9
1991	93,147	26,786	28.7	39,330	42.2	27,031	29.0
1993	94,724	26,090	27.5	42,183	44.5	26,451	27.9
1995	97,693	27,181	27.8	46,577	47.7	23,935	24.5
1997	99,487	26,133	26.3	49,896	50.2	23,458	23.6
1999	102,803	26,888	26.2	54,878	53.4	21,037	20.5
2001	106,261	26,563	25.0	60,118	56.6	19,580	18.4
2003	105,842	26,364	24.9	61,880	58.5	17,598	16.6
2005	108,871	24,863	22.8	67,689	62.2	16,319	15
<b>NORTHEAST</b>							
1978	16,952	5,953	35.1	1,197	7.1	9,802	57.8
1979	17,123	6,008	35.1	1,301	7.6	9,813	57.3
1980	17,264	6,552	38.0	1,356	7.9	9,355	54.2
1981	17,852	6,539	36.6	1,580	8.9	9,733	54.5
1983	18,221	6,785	37.2	1,743	9.6	9,694	53.2
1985	18,729	7,123	38.0	2,202	11.8	9,404	50.2
1987	18,953	7,551	39.8	2,526	13.3	8,876	46.9
1989	19,389	8,260	42.6	3,093	16.0	8,036	41.4
1991	18,962	8,204	43.2	3,159	16.6	7,599	40.0
1993	18,906	8,251	43.6	3,397	17.9	7,258	38.3
1995	19,200	8,732	45.5	3,856	20.0	6,612	34.4
1997	19,484	8,653	44.4	4,265	21.9	6,556	33.6
1999	19,958	9,606	48.1	4,682	23.5	5,670	28.4
2001	20,321	9,930	48.9	5,248	25.8	5,143	25.3
2003	20,133	10,364	51.5	5,582	27.7	4,187	20.8
2005	20,337	10,132	49.8	6,284	30.8	3,921	19.2
<b>MIDWEST</b>							
1978	20,171	6,336	31.4	4,922	24.4	8,914	44.2
1979	20,565	6,312	30.7	5,282	25.7	8,971	43.6
1980	20,842	6,912	33.2	5,550	26.6	8,379	40.2
1981	21,564	6,550	30.4	6,004	27.8	9,010	41.8
1983	21,618	6,968	32.2	6,373	29.5	8,277	38.3
1985	22,142	6,692	30.2	7,171	32.4	8,279	37.4

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	(000)	(000)	(%)	(000)	(%)	(000)	(%)
<b>MIDWEST CONTINUED</b>							
1987	22,267	6,988	31.4	7,929	35.6	7,350	33.0
1989	22,869	7,199	31.5	9,153	40.0	6,517	28.5
1991	22,593	7,134	31.5	9,639	42.6	5,820	25.7
1993	23,031	6,540	28.4	10,430	45.2	6,061	26.3
1995	23,662	7,107	30.0	11,694	49.4	4,861	20.5
1997	23,951	6,582	27.5	12,819	53.5	4,550	19.0
1999	24,360	6,941	28.5	13,897	57.0	3,522	14.5
2001	24,758	6,749	27.3	15,026	60.7	2,983	12.0
2003	24,488	6,298	25.7	15,527	63.4	2,663	10.9
2005	24,955	5,707	22.8	16,793	67.2	2,455	9.8
<b>SOUTH</b>							
1978	25,094	8,444	33.6	9,586	38.2	7,064	28.2
1979	25,585	8,529	33.3	10,211	39.9	6,845	26.8
1980	26,286	9,188	35.0	10,940	41.6	6,158	23.4
1981	27,430	9,228	33.6	11,724	42.7	6,478	23.6
1983	27,931	9,166	32.8	12,690	45.4	6,075	21.8
1985	30,064	9,043	30.1	15,705	52.2	5,316	17.7
1987	31,270	9,058	30.4	17,484	55.9	4,728	13.7
1989	32,429	9,000	27.8	19,563	60.3	3,866	11.9
1991	32,190	8,545	26.5	20,465	63.5	3,180	9.8
1993	32,936	8,543	25.9	21,764	66.0	2,629	7.9
1995	34,236	8,361	24.4	23,772	69.4	2,103	6.1
1997	34,808	7,760	22.3	25,159	72.3	1,889	5.4
1999	36,389	7,233	19.9	27,675	76.1	1,481	4.1
2001	38,068	6,724	17.7	30,236	79.4	1,108	2.9
2003	38,145	6,360	16.7	30,665	80.4	1,120	2.9
2005	39,722	5,697	14.3	33,046	83.2	979	2.4

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WEST							
1978	14,950	2,060	13.8	2,787	18.6	10,102	67.6
1979	15,299	2,192	14.3	3,019	19.7	10,088	65.9
1980	15,681	2,207	14.1	3,141	20.0	10,332	65.9
1981	16,329	2,304	14.1	3,540	21.7	10,485	64.2
1983	16,868	2,409	14.3	3,874	23.0	10,585	62.8
1985	17,490	3,155	18.0	4,370	25.0	9,965	57.0
1987	18,397	2,948	16.0	5,067	27.5	10,382	56.5
1989	18,996	2,751	14.5	5,745	30.2	10,500	55.3
1991	19,402	2,901	14.9	6,067	31.2	10,434	53.7
1993	19,850	2,756	13.8	6,592	33.2	10,502	52.9
1995	20,596	2,982	14.5	7,255	35.2	10,359	50.3
1997	21,245	3,139	14.8	7,652	36.0	10,454	49.2
1999	22,096	3,108	14.1	8,625	39.0	10,363	46.9
2001	23,115	3,159	13.7	9,608	41.6	10,348	44.8
2003	23,077	3,344	14.5	10,106	43.8	9,627	41.7
2005	23,858	3,326	14	8,966	37.5	11,566	48.4

\*Room air conditioners may be one or more.

\*\*Central air conditioning includes unitary air conditioners plus air-source heat pumps.

Source: Census of Housing (1970); American Housing Surveys (1978-81 & 1983-) Series H-150. Part A. Table 1A-4 and Table 2A-4