

Presence of Air-Conditioning in New Single-Family Houses Completed¹

(Components may not add to totals because of rounding. Percents computed from unrounded figures.)

Year	Number of houses (in thousands)			Percent distribution		
	Total	With air-conditioning	Without air-conditioning	Total	With air-conditioning	Without air-conditioning
	United States					
1973	1,197	582	616	100	49	51
1974	940	451	489	100	48	52
1975	875	403	473	100	46	54
1976	1,034	511	523	100	49	51
1977	1,258	679	579	100	54	46
1978	1,369	797	572	100	58	42
1979	1,301	784	517	100	60	40
1980	957	598	358	100	63	37
1981	819	530	289	100	65	35
1982	632	416	216	100	66	34
1983	924	642	282	100	70	30
1984	1,025	723	302	100	71	29
1985	1,072	746	326	100	70	30
1986	1,120	775	346	100	69	31
1987	1,123	801	322	100	71	29
1988	1,085	810	275	100	75	25
1989	1,026	785	241	100	77	23
1990	966	731	235	100	76	24
1991	838	628	210	100	75	25
1992	964	738	225	100	77	23
1993	1,039	806	234	100	78	22
1994	1,160	912	248	100	79	21
1995	1,066	846	219	100	80	20
1996	1,129	916	213	100	81	19
1997	1,116	917	199	100	82	18
1998	1,160	957	203	100	83	17
1999	1,270	1,072	198	100	84	16
2000	1,242	1,060	181	100	85	15
2001	1,256	1,081	175	100	86	14
2002	1,325	1,155	170	100	87	13
2003	1,386	1,223	164	100	88	12
2004	1,532	1,378	153	100	90	10
2005	1,636	1,463	173	100	89	11
2006	1,654	1,476	179	100	89	11
2007	1,218	1,093	125	100	90	10
2008	819	727	92	100	89	11
2009	520	460	61	100	88	12
2010	496	436	60	100	88	12
RSE	2	3	15	(NA)	(NA)	(NA)

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Year	Number of houses (in thousands)			Percent distribution		
	Total	With air-conditioning	Without air-conditioning	Total	With air-conditioning	Without air-conditioning
Inside Metropolitan Statistical Areas						
1973	752	402	350	100	54	46
1974	581	308	273	100	53	47
1975	550	275	275	100	50	50
1976	672	358	313	100	53	47
1977	838	478	359	100	57	43
1978	907	566	341	100	62	38
1979	858	558	300	100	65	35
1980	633	432	201	100	68	32
1981	530	373	157	100	70	30
1982	409	294	114	100	72	28
1983	674	497	177	100	74	26
1984	771	574	196	100	75	25
1985	853	630	222	100	74	26
1986	918	677	241	100	74	26
1987	917	698	219	100	76	24
1988	876	697	179	100	80	20
1989	823	668	154	100	81	19
1990	759	611	148	100	81	19
1991	642	518	123	100	81	19
1992	752	609	141	100	81	19
1993	818	675	143	100	83	17
1994	929	761	167	100	82	18
1995	848	699	148	100	83	17
1996	913	767	145	100	84	16
1997	904	764	139	100	85	15
1998	951	804	147	100	85	15
1999	1,040	894	147	100	86	14
2000	1,013	886	126	100	88	12
2001	1,022	891	130	100	87	13
2002	1,077	955	121	100	89	11
2003	1,124	1,007	117	100	90	10
2004	1,243	1,132	111	100	91	9
2005	1,422	1,292	130	100	91	9
2006	1,446	1,313	133	100	91	9
2007	1,056	967	90	100	92	8
2008	684	617	67	100	90	10
2009	442	395	47	100	89	11
2010	426	380	47	100	89	11
RSE	4	5	16	(NA)	(NA)	(NA)

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Year	Number of houses (in thousands)			Percent distribution		
	Total	With air-conditioning	Without air-conditioning	Total	With air-conditioning	Without air-conditioning
Outside Metropolitan Statistical Areas						
1973	445	179	267	100	40	60
1974	359	144	215	100	40	60
1975	325	127	198	100	39	61
1976	363	152	211	100	42	58
1977	421	201	220	100	48	52
1978	462	232	231	100	50	50
1979	443	226	216	100	51	49
1980	324	167	157	100	52	49
1981	289	157	132	100	54	46
1982	223	121	102	100	54	46
1983	249	145	104	100	58	42
1984	255	149	106	100	59	41
1985	220	116	104	100	53	57
1986	202	97	105	100	48	52
1987	206	102	103	100	50	50
1988	208	113	95	100	55	45
1989	203	118	86	100	58	42
1990	207	121	86	100	59	41
1991	196	110	87	100	56	44
1992	212	129	84	100	61	39
1993	222	132	90	100	60	40
1994	232	151	81	100	65	35
1995	217	147	71	100	68	32
1996	215	149	67	100	69	31
1997	212	153	60	100	72	28
1998	208	153	56	100	73	27
1999	230	179	51	100	78	22
2000	229	174	55	100	76	24
2001	234	189	45	100	81	19
2002	249	200	48	100	81	19
2003	263	216	46	100	82	18
2004	289	246	43	100	85	15
2005	214	171	43	100	80	20
2006	208	162	46	100	78	22
2007	162	127	35	100	78	22
2008	135	110	25	100	82	18
2009	78	65	14	100	82	18
2010	70	56	14	100	81	19
RSE	22	23	40	(NA)	(NA)	(NA)

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Year	Number of houses (in thousands)			Percent distribution		
	Total	With air-conditioning	Without air-conditioning	Total	With air-conditioning	Without air-conditioning
	Northeast					
1973	156	22	134	100	14	86
1974	132	21	111	100	16	84
1975	114	15	99	100	13	87
1976	121	16	105	100	13	87
1977	135	23	112	100	17	83
1978	141	28	113	100	20	80
1979	135	35	100	100	26	74
1980	100	29	71	100	29	71
1981	87	25	62	100	29	71
1982	79	21	58	100	27	73
1983	106	35	72	100	33	67
1984	129	44	85	100	34	66
1985	168	70	98	100	42	58
1986	193	84	109	100	43	57
1987	196	93	102	100	48	52
1988	188	97	91	100	52	48
1989	159	86	73	100	54	46
1990	127	63	64	100	50	50
1991	100	50	50	100	50	50
1992	114	60	54	100	52	48
1993	105	58	47	100	55	45
1994	113	69	44	100	61	39
1995	108	67	41	100	62	38
1996	108	70	38	100	64	36
1997	115	77	39	100	67	33
1998	116	83	33	100	72	28
1999	115	85	30	100	74	26
2000	120	88	32	100	73	27
2001	114	86	27	100	76	24
2002	113	87	26	100	77	23
2003	114	89	25	100	78	22
2004	119	97	22	100	82	18
2005	132	104	27	100	79	21
2006	128	98	31	100	76	24
2007	105	78	26	100	75	25
2008	73	55	18	100	75	25
2009	54	40	14	100	75	25
2010	54	42	12	100	77	23
RSE	4	9	29	(NA)	(NA)	(NA)

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Year	Number of houses (in thousands)			Percent distribution		
	Total	With air-conditioning	Without air-conditioning	Total	With air-conditioning	Without air-conditioning
Midwest						
1973	262	92	170	100	35	65
1974	220	79	141	100	36	64
1975	218	77	141	100	35	65
1976	271	107	164	100	40	60
1977	300	132	169	100	44	56
1978	300	141	159	100	47	53
1979	294	137	157	100	47	53
1980	170	77	93	100	45	55
1981	140	67	73	100	48	52
1982	92	40	53	100	43	57
1983	142	70	71	100	50	50
1984	156	86	70	100	55	45
1985	151	90	61	100	59	41
1986	170	105	65	100	62	38
1987	201	134	67	100	67	33
1988	191	136	55	100	71	29
1989	191	139	51	100	73	27
1990	195	145	50	100	75	25
1991	185	138	47	100	75	25
1992	218	167	51	100	77	23
1993	232	181	51	100	78	22
1994	255	205	50	100	80	20
1995	232	185	47	100	80	20
1996	245	204	41	100	83	17
1997	236	197	39	100	84	16
1998	244	207	37	100	85	15
1999	276	241	35	100	87	13
2000	269	239	30	100	89	11
2001	261	230	31	100	88	12
2002	272	242	30	100	89	11
2003	274	253	21	100	92	8
2004	304	283	21	100	93	7
2005	307	283	24	100	92	8
2006	285	251	34	100	88	12
2007	189	166	22	100	88	12
2008	139	122	17	100	88	12
2009	89	80	9	100	90	10
2010	82	72	10	100	88	12
RSE	2	7	50	(NA)	(NA)	(NA)

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Year	Number of houses (in thousands)			Percent distribution		
	Total	With air-conditioning	Without air-conditioning	Total	With air-conditioning	Without air-conditioning
	South					
1973	526	363	163	100	69	31
1974	397	286	111	100	72	28
1975	362	258	104	100	71	29
1976	410	320	90	100	78	22
1977	512	412	100	100	80	20
1978	571	480	90	100	84	16
1979	535	457	78	100	85	15
1980	455	384	71	100	84	16
1981	408	344	65	100	84	16
1982	340	290	50	100	85	15
1983	476	428	48	100	90	10
1984	508	466	42	100	92	8
1985	514	470	44	100	92	8
1986	505	460	45	100	91	9
1987	467	432	35	100	92	8
1988	457	428	29	100	94	6
1989	420	394	26	100	94	6
1990	389	369	20	100	95	5
1991	348	328	20	100	94	6
1992	400	386	14	100	97	3
1993	456	441	14	100	97	3
1994	507	497	11	100	98	2
1995	472	463	9	100	98	2
1996	507	498	9	100	98	2
1997	506	500	6	100	99	1
1998	517	510	7	100	99	1
1999	570	566	4	100	99	1
2000	566	562	3	100	99	1
2001	578	575	3	100	99	1
2002	615	611	4	100	99	1
2003	635	632	4	100	99	1
2004	700	696	3	100	100	(Z)
2005	760	758	2	100	100	(Z)
2006	826	823	3	100	100	(Z)
2007	631	628	3	100	100	(Z)
2008	417	416	1	100	100	(Z)
2009	259	257	2	100	99	1
2010	258	256	2	100	99	1
RSE	3	3	34	(NA)	(NA)	(NA)

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Year	Number of houses (in thousands)			Percent distribution		
	Total	With air-conditioning	Without air-conditioning	Total	With air-conditioning	Without air-conditioning
	West					
1973	253	104	149	100	41	59
1974	191	64	127	100	34	66
1975	182	53	129	100	29	71
1976	232	68	164	100	29	71
1977	311	112	199	100	36	64
1978	357	149	209	100	42	58
1979	337	155	182	100	46	54
1980	233	109	124	100	47	53
1981	183	94	90	100	51	49
1982	121	64	56	100	53	47
1983	200	109	91	100	55	45
1984	233	127	105	100	55	45
1985	239	116	123	100	49	51
1986	253	126	126	100	50	50
1987	259	141	117	100	55	45
1988	248	148	100	100	60	40
1989	257	164	93	100	64	36
1990	255	153	102	100	60	40
1991	205	112	93	100	55	45
1992	232	126	106	100	54	46
1993	247	124	123	100	50	50
1994	285	142	143	100	50	50
1995	253	132	121	100	52	48
1996	269	145	124	100	54	46
1997	259	144	115	100	55	45
1998	283	156	127	100	55	45
1999	310	181	129	100	58	42
2000	286	171	115	100	60	40
2001	303	189	114	100	62	38
2002	325	215	110	100	66	34
2003	363	249	114	100	69	31
2004	409	301	108	100	74	26
2005	437	317	119	100	73	27
2006	415	303	111	100	73	27
2007	294	220	73	100	75	25
2008	190	134	56	100	71	29
2009	118	82	36	100	69	31
2010	103	66	37	100	64	36
RSE	2	9	17	(NA)	(NA)	(NA)

- Represents zero. A Represents an RSE that is greater than or equal to 100 or could not be computed.

NA Not available. RSE Relative Standard Error.

S Withheld because estimate did not meet publication standards on the basis of response rate, associated standard error, or a consistency review.

Z Less than 500 units or less than 0.5 percent.

¹Includes houses built for rent (not shown separately).

Note: Single-family estimates prior to 1999 include an upward adjustment of 3.3 percent made to account for structures built in permit-issuing areas without permit authorization.