

**Average Length of Time from Authorization to Start  
of New Privately Owned Residential Buildings**

	Average Number of Months from Authorization to Start of Buildings Started in Permit-Issuing Places								
	Buildings with 1 unit				Buildings with 2 units or more				
	Total <sup>1</sup>	Purpose of construction			Total <sup>2</sup>	Number of units in building			
		Built for sale	Contractor- built	Owner- built		2 to 4	5 to 9	10 to 19	20 or more
<b>United States</b>									
1976	0.6	(NA)	(NA)	(NA)	1.8	0.8	(NA)	(NA)	(NA)
1977	0.7	(NA)	(NA)	(NA)	1.7	1.1	(NA)	(NA)	(NA)
1978	0.9	(NA)	(NA)	(NA)	2.2	1.2	(NA)	(NA)	(NA)
1979	0.9	(NA)	(NA)	(NA)	2.2	1.3	(NA)	(NA)	(NA)
1980	0.9	(NA)	(NA)	(NA)	2.1	1.1	(NA)	(NA)	(NA)
1981	0.8	(NA)	(NA)	(NA)	2.0	1.2	(NA)	(NA)	(NA)
1982	0.8	(NA)	(NA)	(NA)	1.9	0.9	(NA)	(NA)	(NA)
1983	0.7	(NA)	(NA)	(NA)	1.7	1.2	(NA)	(NA)	(NA)
1984	0.8	(NA)	(NA)	(NA)	1.6	1.1	(NA)	(NA)	(NA)
1985	0.7	(NA)	(NA)	(NA)	1.6	1.0	(NA)	(NA)	(NA)
1986	0.8	(NA)	(NA)	(NA)	1.7	1.1	(NA)	(NA)	(NA)
1987	0.8	(NA)	(NA)	(NA)	1.9	1.2	(NA)	(NA)	(NA)
1988	0.8	(NA)	(NA)	(NA)	1.6	1.3	(NA)	(NA)	(NA)
1989	0.8	(NA)	(NA)	(NA)	2.0	1.5	(NA)	(NA)	(NA)
1990	0.8	(NA)	(NA)	(NA)	2.2	1.5	(NA)	(NA)	(NA)
1991	0.8	(NA)	(NA)	(NA)	1.8	1.5	(NA)	(NA)	(NA)
1992	0.8	(NA)	(NA)	(NA)	2.0	0.9	(NA)	(NA)	(NA)
1993	0.8	(NA)	(NA)	(NA)	1.6	1.2	(NA)	(NA)	(NA)
1994	0.7	(NA)	(NA)	(NA)	1.8	1.1	(NA)	(NA)	(NA)
1995	0.7	(NA)	(NA)	(NA)	1.6	1.1	(NA)	(NA)	(NA)
1996	0.7	(NA)	(NA)	(NA)	1.8	1.3	(NA)	(NA)	(NA)
1997	0.7	(NA)	(NA)	(NA)	1.9	0.8	(NA)	(NA)	(NA)
1998	0.6	(NA)	(NA)	(NA)	1.5	1.0	(NA)	(NA)	(NA)
1999	0.7	0.7	0.6	0.8	1.5	1.1	1.5	1.9	2.0
2000	0.7	0.7	0.6	0.9	1.6	1.4	1.5	1.7	1.9
2001	0.7	0.7	0.6	0.8	1.6	1.3	2.0	1.8	1.4
2002	0.7	0.7	0.6	0.9	1.4	1.4	1.5	1.2	1.2
2003	0.8	0.7	0.7	1.0	1.7	1.6	1.6	1.6	2.0
2004	0.8	0.8	0.8	1.0	1.7	1.4	2.1	2.0	1.7
2005	0.9	0.9	0.8	1.0	1.7	1.6	1.6	1.7	1.9
2006	1.0	1.0	0.9	1.2	2.0	2.0	2.3	1.8	2.1
2007	1.1	1.1	0.9	1.0	2.2	2.1	2.5	2.3	2.2
2008	1.1	1.2	0.7	1.1	2.1	2.1	2.0	2.1	2.1
2009	1.0	1.1	0.8	1.0	2.0	1.8	2.2	1.8	2.2
2010	1.0	0.9	0.9	1.3	2.7	2.2	3.2	2.9	3.0
2011	0.9	0.8	0.8	1.1	2.5	2.5	2.0	3.0	2.2
2012	0.7	0.7	0.7	1.1	1.7	1.6	1.8	2.0	1.6
2013	0.7	0.7	0.8	0.8	1.6	1.4	1.9	1.8	1.6
2014	0.9	0.9	0.9	1.1	1.4	1.3	0.9	2.0	1.5
2015	0.9	0.8	0.9	1.2	1.8	1.5	2.0	1.9	1.9
RSE	5	6	8	9	10	24	19	17	11

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	Buildings with 1 unit				Buildings with 2 units or more				
	Total <sup>1</sup>	Purpose of construction			Total <sup>2</sup>	Number of units in building			
		Built for sale	Contractor- built	Owner- built		2 to 4	5 to 9	10 to 19	20 or more
<b>Northeast</b>									
1976	1.0	(NA)	(NA)	(NA)	3.9	2.0	(NA)	(NA)	(NA)
1977	1.1	(NA)	(NA)	(NA)	3.5	2.8	(NA)	(NA)	(NA)
1978	1.2	(NA)	(NA)	(NA)	4.0	2.0	(NA)	(NA)	(NA)
1979	1.0	(NA)	(NA)	(NA)	5.2	2.2	(NA)	(NA)	(NA)
1980	1.1	(NA)	(NA)	(NA)	3.3	1.2	(NA)	(NA)	(NA)
1981	1.1	(NA)	(NA)	(NA)	4.2	1.3	(NA)	(NA)	(NA)
1982	1.3	(NA)	(NA)	(NA)	2.9	1.2	(NA)	(NA)	(NA)
1983	1.1	(NA)	(NA)	(NA)	1.9	1.9	(NA)	(NA)	(NA)
1984	1.0	(NA)	(NA)	(NA)	2.1	1.7	(NA)	(NA)	(NA)
1985	1.0	(NA)	(NA)	(NA)	2.0	1.0	(NA)	(NA)	(NA)
1986	1.0	(NA)	(NA)	(NA)	2.4	1.5	(NA)	(NA)	(NA)
1987	1.1	(NA)	(NA)	(NA)	1.6	1.8	(NA)	(NA)	(NA)
1988	1.1	(NA)	(NA)	(NA)	1.3	2.2	(NA)	(NA)	(NA)
1989	1.2	(NA)	(NA)	(NA)	2.2	2.7	(NA)	(NA)	(NA)
1990	1.4	(NA)	(NA)	(NA)	3.7	2.7	(NA)	(NA)	(NA)
1991	1.3	(NA)	(NA)	(NA)	3.2	2.1	(NA)	(NA)	(NA)
1992	1.3	(NA)	(NA)	(NA)	2.4	1.5	(NA)	(NA)	(NA)
1993	1.3	(NA)	(NA)	(NA)	1.9	2.6	(NA)	(NA)	(NA)
1994	1.2	(NA)	(NA)	(NA)	2.4	1.7	(NA)	(NA)	(NA)
1995	1.0	(NA)	(NA)	(NA)	2.2	2.2	(NA)	(NA)	(NA)
1996	1.0	(NA)	(NA)	(NA)	1.2	1.8	(NA)	(NA)	(NA)
1997	0.9	(NA)	(NA)	(NA)	2.2	1.2	(NA)	(NA)	(NA)
1998	0.7	(NA)	(NA)	(NA)	1.0	1.0	(NA)	(NA)	(NA)
1999	0.8	0.7	0.6	1.1	1.4	1.5	1.1	1.0	1.4
2000	1.1	0.7	0.8	1.0	1.8	1.9	1.3	1.6	1.3
2001	0.8	0.8	0.6	1.0	1.9	1.9	2.0	1.9	1.1
2002	0.9	0.9	0.7	1.1	1.5	1.6	1.4	0.9	1.1
2003	1.0	1.1	0.9	1.2	1.8	2.0	1.2	1.1	0.9
2004	1.0	0.9	1.1	1.4	1.3	1.3	1.5	2.0	0.6
2005	0.9	0.9	1.0	1.0	2.1	2.4	1.3	1.6	1.3
2006	0.9	0.8	0.9	1.4	2.5	2.6	2.4	0.9	2.9
2007	1.1	1.0	0.8	0.9	1.5	1.4	2.2	2.1	1.5
2008	1.0	1.2	0.7	1.2	1.3	1.5	1.3	0.7	1.3
2009	0.8	0.8	0.7	0.8	2.1	2.3	1.9	0.9	1.7
2010	1.5	1.5	1.1	1.1	2.2	2.4	1.0	1.6	1.4
2011	1.5	1.2	1.0	0.9	2.4	2.7	1.1	1.8	1.2
2012	0.8	0.7	0.7	1.6	0.9	1.0	0.4	1.0	0.5
2013	0.6	0.6	0.7	0.6	1.5	1.8	1.2	1.3	0.5
2014	0.9	0.8	1.0	1.3	1.3	1.7	1.0	0.9	0.6
2015	1.0	1.0	1.0	1.7	1.9	2.3	2.2	1.2	0.9
RSE	13	16	29	23	25	37	32	34	15

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	Total <sup>1</sup>	Purpose of construction			Total <sup>2</sup>	Number of units in building			
		Built for sale	Contractor- built	Owner- built		2 to 4	5 to 9	10 to 19	20 or more
<b>Midwest</b>									
1976	0.4	(NA)	(NA)	(NA)	1.1	0.5	(NA)	(NA)	(NA)
1977	0.5	(NA)	(NA)	(NA)	1.1	0.7	(NA)	(NA)	(NA)
1978	0.6	(NA)	(NA)	(NA)	1.4	0.8	(NA)	(NA)	(NA)
1979	0.6	(NA)	(NA)	(NA)	1.5	0.8	(NA)	(NA)	(NA)
1980	0.5	(NA)	(NA)	(NA)	1.3	0.8	(NA)	(NA)	(NA)
1981	0.4	(NA)	(NA)	(NA)	1.4	0.6	(NA)	(NA)	(NA)
1982	0.4	(NA)	(NA)	(NA)	0.9	0.6	(NA)	(NA)	(NA)
1983	0.3	(NA)	(NA)	(NA)	0.8	0.7	(NA)	(NA)	(NA)
1984	0.4	(NA)	(NA)	(NA)	0.8	0.6	(NA)	(NA)	(NA)
1985	0.4	(NA)	(NA)	(NA)	1.2	0.6	(NA)	(NA)	(NA)
1986	0.5	(NA)	(NA)	(NA)	1.3	0.7	(NA)	(NA)	(NA)
1987	0.4	(NA)	(NA)	(NA)	0.9	0.5	(NA)	(NA)	(NA)
1988	0.4	(NA)	(NA)	(NA)	0.6	0.4	(NA)	(NA)	(NA)
1989	0.4	(NA)	(NA)	(NA)	1.0	0.6	(NA)	(NA)	(NA)
1990	0.4	(NA)	(NA)	(NA)	1.1	0.5	(NA)	(NA)	(NA)
1991	0.4	(NA)	(NA)	(NA)	1.0	0.9	(NA)	(NA)	(NA)
1992	0.4	(NA)	(NA)	(NA)	1.6	0.5	(NA)	(NA)	(NA)
1993	0.5	(NA)	(NA)	(NA)	0.8	0.7	(NA)	(NA)	(NA)
1994	0.4	(NA)	(NA)	(NA)	1.1	0.7	(NA)	(NA)	(NA)
1995	0.5	(NA)	(NA)	(NA)	0.4	0.7	(NA)	(NA)	(NA)
1996	0.6	(NA)	(NA)	(NA)	1.3	0.5	(NA)	(NA)	(NA)
1997	0.5	(NA)	(NA)	(NA)	0.7	0.6	(NA)	(NA)	(NA)
1998	0.5	(NA)	(NA)	(NA)	0.8	0.6	(NA)	(NA)	(NA)
1999	0.5	0.5	0.5	0.6	1.0	0.6	1.1	1.2	2.2
2000	0.5	0.5	0.5	0.7	0.7	0.7	0.8	0.9	0.2
2001	0.6	0.5	0.5	0.7	1.0	0.9	1.3	1.2	0.3
2002	0.6	0.6	0.4	0.8	0.8	0.8	1.1	1.1	-0.2
2003	0.6	0.6	0.5	0.8	1.3	2.0	1.0	1.1	0.8
2004	0.6	0.6	0.6	0.9	1.7	1.6	2.4	1.5	0.8
2005	0.7	0.7	0.6	0.9	1.4	1.7	1.6	1.0	0.6
2006	0.8	0.8	0.7	1.0	2.0	2.2	2.3	1.6	1.1
2007	0.8	0.8	0.7	0.7	3.1	4.2	2.2	2.2	1.2
2008	0.8	0.8	0.5	0.8	3.1	4.7	1.4	3.2	3.0
2009	0.7	0.7	0.6	0.7	1.4	1.4	1.9	1.7	0.7
2010	0.6	0.6	0.5	0.8	2.0	1.3	2.2	2.9	2.1
2011	0.7	0.7	0.5	0.8	0.7	0.7	1.4	0.2	0.5
2012	0.5	0.4	0.5	0.8	1.0	0.5	1.8	1.4	0.8
2013	0.6	0.6	0.6	0.7	1.0	0.5	1.5	1.3	0.8
2014	0.7	0.6	0.6	0.8	1.2	1.2	1.2	1.4	1.2
2015	0.7	0.6	0.5	1.1	1.7	0.9	2.3	2.1	1.5
RSE	13	11	16	29	21	39	41	18	25

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	Buildings with 1 unit				Buildings with 2 units or more				
	Total <sup>1</sup>	Purpose of construction			Total <sup>2</sup>	Number of units in building			
		Built for sale	Contractor- built	Owner- built		2 to 4	5 to 9	10 to 19	20 or more
<b>South</b>									
1976	0.7	(NA)	(NA)	(NA)	2.4	0.9	(NA)	(NA)	(NA)
1977	0.8	(NA)	(NA)	(NA)	2.1	1.0	(NA)	(NA)	(NA)
1978	0.9	(NA)	(NA)	(NA)	2.8	1.1	(NA)	(NA)	(NA)
1979	1.0	(NA)	(NA)	(NA)	2.6	1.5	(NA)	(NA)	(NA)
1980	0.9	(NA)	(NA)	(NA)	2.5	1.1	(NA)	(NA)	(NA)
1981	0.8	(NA)	(NA)	(NA)	2.1	1.3	(NA)	(NA)	(NA)
1982	0.8	(NA)	(NA)	(NA)	2.2	0.8	(NA)	(NA)	(NA)
1983	0.8	(NA)	(NA)	(NA)	1.9	1.2	(NA)	(NA)	(NA)
1984	0.8	(NA)	(NA)	(NA)	2.1	0.9	(NA)	(NA)	(NA)
1985	0.7	(NA)	(NA)	(NA)	2.0	1.4	(NA)	(NA)	(NA)
1986	0.9	(NA)	(NA)	(NA)	2.3	1.1	(NA)	(NA)	(NA)
1987	0.9	(NA)	(NA)	(NA)	2.7	1.2	(NA)	(NA)	(NA)
1988	0.8	(NA)	(NA)	(NA)	2.2	1.2	(NA)	(NA)	(NA)
1989	0.8	(NA)	(NA)	(NA)	2.6	0.8	(NA)	(NA)	(NA)
1990	0.9	(NA)	(NA)	(NA)	2.7	2.0	(NA)	(NA)	(NA)
1991	0.9	(NA)	(NA)	(NA)	2.2	0.8	(NA)	(NA)	(NA)
1992	0.8	(NA)	(NA)	(NA)	2.1	1.0	(NA)	(NA)	(NA)
1993	0.9	(NA)	(NA)	(NA)	1.9	0.9	(NA)	(NA)	(NA)
1994	0.9	(NA)	(NA)	(NA)	2.2	0.8	(NA)	(NA)	(NA)
1995	0.8	(NA)	(NA)	(NA)	2.0	0.7	(NA)	(NA)	(NA)
1996	0.9	(NA)	(NA)	(NA)	2.3	1.0	(NA)	(NA)	(NA)
1997	0.8	(NA)	(NA)	(NA)	2.7	0.8	(NA)	(NA)	(NA)
1998	0.8	(NA)	(NA)	(NA)	2.0	1.3	(NA)	(NA)	(NA)
1999	0.8	0.8	0.7	0.9	2.0	0.9	2.0	2.5	2.2
2000	0.8	0.8	0.7	1.2	2.3	1.8	2.2	2.4	2.7
2001	0.8	0.7	0.7	0.8	1.6	0.7	2.2	2.2	1.8
2002	0.8	0.7	0.7	0.9	1.7	1.9	1.9	1.3	1.5
2003	0.9	0.8	0.8	1.2	1.8	0.7	2.2	1.8	2.4
2004	0.9	0.9	0.8	1.3	2.1	1.5	3.2	2.2	2.0
2005	1.0	1.0	0.8	1.0	1.9	1.6	1.9	2.0	2.2
2006	1.1	1.1	1.0	1.2	1.7	1.0	2.4	2.1	2.3
2007	1.1	1.1	0.9	1.1	2.4	2.1	2.5	2.4	2.7
2008	1.1	1.2	0.7	1.1	2.1	1.6	1.9	2.3	2.2
2009	1.0	1.1	0.8	1.0	1.7	0.5	1.8	2.0	2.4
2010	1.1	1.0	1.0	1.6	2.9	1.3	2.7	2.9	4.0
2011	0.8	0.8	0.7	1.2	2.6	1.1	3.0	3.3	2.9
2012	0.8	0.8	0.7	0.9	2.3	2.6	2.6	2.3	2.0
2013	0.9	0.8	0.9	1.0	2.1	1.6	2.2	2.3	2.1
2014	1.0	0.9	1.0	1.1	1.9	1.2	0.8	3.4	2.1
2015	1.0	0.9	1.1	1.3	2.2	0.9	2.1	2.3	2.5
RSE	6	6	10	13	14	35	26	15	15

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	Buildings with 1 unit				Buildings with 2 units or more				
	Total <sup>1</sup>	Purpose of construction			Total <sup>2</sup>	Number of units in building			
		Built for sale	Contractor- built	Owner- built		2 to 4	5 to 9	10 to 19	20 or more
<b>West</b>									
1976	0.6	(NA)	(NA)	(NA)	1.1	0.6	(NA)	(NA)	(NA)
1977	0.7	(NA)	(NA)	(NA)	1.3	1.0	(NA)	(NA)	(NA)
1978	0.9	(NA)	(NA)	(NA)	1.7	1.3	(NA)	(NA)	(NA)
1979	1.0	(NA)	(NA)	(NA)	1.5	1.4	(NA)	(NA)	(NA)
1980	1.0	(NA)	(NA)	(NA)	1.8	1.3	(NA)	(NA)	(NA)
1981	0.8	(NA)	(NA)	(NA)	1.7	1.5	(NA)	(NA)	(NA)
1982	0.8	(NA)	(NA)	(NA)	1.4	0.8	(NA)	(NA)	(NA)
1983	0.7	(NA)	(NA)	(NA)	1.5	1.1	(NA)	(NA)	(NA)
1984	0.7	(NA)	(NA)	(NA)	1.1	1.5	(NA)	(NA)	(NA)
1985	0.7	(NA)	(NA)	(NA)	1.1	0.7	(NA)	(NA)	(NA)
1986	0.6	(NA)	(NA)	(NA)	1.2	1.0	(NA)	(NA)	(NA)
1987	0.8	(NA)	(NA)	(NA)	1.8	1.4	(NA)	(NA)	(NA)
1988	0.7	(NA)	(NA)	(NA)	1.5	1.4	(NA)	(NA)	(NA)
1989	0.8	(NA)	(NA)	(NA)	1.8	1.8	(NA)	(NA)	(NA)
1990	0.9	(NA)	(NA)	(NA)	2.0	1.6	(NA)	(NA)	(NA)
1991	0.9	(NA)	(NA)	(NA)	2.0	1.9	(NA)	(NA)	(NA)
1992	0.9	(NA)	(NA)	(NA)	2.2	0.8	(NA)	(NA)	(NA)
1993	0.7	(NA)	(NA)	(NA)	1.5	1.1	(NA)	(NA)	(NA)
1994	0.6	(NA)	(NA)	(NA)	1.5	1.0	(NA)	(NA)	(NA)
1995	0.5	(NA)	(NA)	(NA)	1.8	1.0	(NA)	(NA)	(NA)
1996	0.6	(NA)	(NA)	(NA)	1.4	1.2	(NA)	(NA)	(NA)
1997	0.5	(NA)	(NA)	(NA)	0.9	0.9	(NA)	(NA)	(NA)
1998	0.5	(NA)	(NA)	(NA)	1.2	0.8	(NA)	(NA)	(NA)
1999	0.5	0.5	0.6	0.8	1.2	1.0	1.0	1.5	1.4
2000	0.6	0.6	0.6	0.7	1.2	1.3	1.1	1.2	1.2
2001	0.7	0.7	0.6	0.9	1.7	1.5	2.3	1.6	1.2
2002	0.7	0.6	0.7	0.9	1.2	1.0	1.2	1.0	1.5
2003	0.6	0.6	0.9	0.8	1.7	1.5	1.5	1.8	2.2
2004	0.7	0.7	0.8	0.8	1.5	1.4	1.1	2.0	1.9
2005	0.8	0.8	0.9	1.1	0.9	0.2	1.2	1.4	1.9
2006	1.1	1.0	1.2	1.4	2.0	2.0	2.3	2.0	1.6
2007	1.2	1.2	0.9	1.0	2.3	2.0	2.9	2.3	1.8
2008	1.5	1.6	1.0	1.6	2.3	2.3	2.7	2.1	1.9
2009	1.4	1.3	1.2	1.4	2.8	2.7	2.9	2.1	3.4
2010	0.8	0.6	0.8	1.6	3.3	2.9	4.9	3.3	1.8
2011	0.9	0.7	1.2	1.8	3.5	6.1	1.3	4.3	2.2
2012	0.8	0.7	1.0	1.5	2.0	2.6	1.6	1.8	2.1
2013	0.6	0.6	0.8	0.9	1.5	1.2	2.0	1.3	1.7
2014	0.8	0.8	0.8	1.0	0.9	0.8	0.7	0.9	1.1
2015	0.7	0.7	0.6	0.5	1.4	0.9	1.3	1.8	1.5
RSE	16	17	21	28	17	24	23	47	17

**Average Length of Time from Authorization to Start  
of New Privately Owned Residential Buildings**

	Average Number of Months from Authorization to Start of Buildings Started in Permit-Issuing Places								
	Buildings with 1 unit				Buildings with 2 units or more				
	Total <sup>1</sup>	Purpose of construction			Total <sup>2</sup>	Number of units in building			
		Built for sale	Contractor- built	Owner- built		2 to 4	5 to 9	10 to 19	20 or more

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

NA Not available. RSE Relative Standard Error. Z Less than 0.5 percent.

<sup>1</sup>Includes units built for rent (not shown separately).

<sup>2</sup>For years up through 1998 this only represents 5 units or more.