Buildings Energy Data Book: 5.2 Windows

Residential Prime Window Sales, by Frame Type (Million Units) (1) 5.2.1 Aluminum (2) <u>Wood (3)</u> <u>Vinyl</u> <u>Other</u> Total (4) New Construction 1990 5.9 9.4 1.2 0.1 16.6 1995 4.7 11.6 4.8 0.3 21.4 2000 0.4 25.8 3.7 12.8 9.0 2005 6.5 9.2 17.4 1.0 34.1 2007 4.4 6.2 13.2 1.0 24.8 2009 1.9 2.5 6.3 0.7 11.4 **Remodeling/Replacement** 1990 7.6 7.1 0.1 3.6 18.4 1995 3.9 9.4 9.6 0.2 23.1 2000 4.0 10.2 14.8 0.2 29.2

2005	2.4	10.0	23.2	0.9	36.4	
2007	1.9	8.9	22.5	1.0	34.3	
2009	1.0	6.1	19.1	1.3	27.5	
Total Construction						
1990	9.5	17.0	8.3	0.2	35.0	
1995	8.6	21.0	14.4	0.5	44.5	
2000	7.7	23.0	23.8	0.6	55.0	
2005	8.9	19.2	40.6	1.9	70.5	
2007	6.3	15.1	35.7	2.0	59.1	
2009	2.9	8.6	25.5	1.9	38.9	

Note(s): 1) Average window life span is 35-45 years. 2) In 1993, 65% of aluminum-framed windows were thermally broken. 3) Includes vinyl-clad and metal-clad units. 4) Due to rounding, sums may not add up to totals.

Source(s): AAMA, Industry Statistical Review and Forecast 1992, 1993 for Note 2; AAMA/NWWDA, Industry Statistical Review and Forecast 1996, 1997, Table 6, p. 6 for 1990; AAMA/WDMA, 2000 AAMA/WDMA Industry Statistical Review and Forecast, Feb. 2001, p. 6 for 1995; 2003 AAMA/WDMA Industry Statistical Review and Forecast, June 2004, p. 6 for 2000 and 2003; and LBNL, Savings from Energy Efficient Windows, Apr. 1993, p. 6 for window life span; AAMA/WDMA, Study of U.S. Market For Windows, Doors, and Skylights, Apr. 2006, p. 41 for 2005; AAMA/WDMA, U.S. Industry Statistical Review and Forecast, Mar. 2008, p. 6 for 2007; AAMA/WDMA, U.S. Industry Statistical Review and Forecast, May 2010, p. 6 for 2009.

March 2012