

**5.10.19 Major Residential and Small Commercial Appliance Lifetimes, Ages, and Replacement Picture**

<u>Appliance Type</u>	<u>Typical Service Lifetime Range (years)</u>	<u>Average Lifetime (years)</u>	<u>2001 Average Stock Age (years)</u>	<u>Units to be Replaced During 2003</u>
Refrigerators (1)	10 - 16	13	8	7,273,100
Freezers	7 - 15	11	12	1,974,400
Room Air Conditioners	10 - 15	12	8	2,910,200
Microwave Ovens	7 - 11	9	N.A.	8,975,000
Ranges (2)				
Electric	12 - 16	14	N.A.	3,074,100
Gas	12 - 16	14	N.A.	2,428,600
Clothes Washers	9 - 15	12	N.A.	6,879,900
Clothes Dryers (electric and gas)	11 - 15	13	N.A.	4,313,200
Water Heaters				
Electric	6 - 15	11	9	3,608,740
Gas	5 - 14	9	9	4,453,337
Facsimile Machines	3 - 6	4	N.A.	4,700,000
Personal Computers (3)	2 - 5	4	N.A.	28,134,269
Portable Computers	2 - 5	2	N.A.	4,360,000

Note(s): 1) Excluding compact refrigerators. 2) Ranges include free-standing, built-in, high-oven and cooktop/oven combination units. 3) 2000.

Source(s): Appliance Magazine, A Portrait of the U.S. Appliance Industry, Sep. 2003, p. P-5-P-6 for service and average lifetimes and units to be replaced; Appliance Magazine, A Portrait of the U.S. Appliance Industry, Sep. 1999, p. 80 for personal computers; EIA, A Look at Residential Energy Consumption in 2001, April 2004, Table HC4-1a and Table HC5-1a for average stock ages.