

## FORECASTS

### MAJOR HOME APPLIANCES – Shipments (Thousands of Units)

Qtr:	2007	2008	2009
1	19,231.2	17,392.1	16,992.1
2	22,743.6	20,994.6	20,952.6
3	16,797.2	15,546.2	15,794.9
4	16,104.0	15,121.7	15,454.3

For 2008, a 7.8% decline to 69,055 million units

For 2009, a 0.2% increase to 69,194 million units

Data Source: AHAM Forecast Source: Delano Data Insights

### DIGITAL TELEVISIONS – Shipments (Thousands of Units)

Qtr:	2007	2008	2009
1	4,684.0	5,131.3	6,383.3
2	5,003.1	6,558.1	7,607.4
3	6,055.3	7,308.7	7,951.9
4	10,667.0	12,672.4	14,104.4

For 2008, a 19.9% increase to 31,671 million units

For 2009, a 13.8% increase to 36,047 million units

Data Source: CEA Forecast Source: Delano Data Insights

### MICROWAVE OVENS – Shipments (Thousands of Units)

Qtr:	2007	2008	2009
1	2,934.2	2,547.5	2,504.2
2	2,906.1	2,844.8	2,864.7
3	2,809.3	2,961.8	3,006.2
4	3,201.7	2,993.6	3,062.4

For 2008, a 4.2% decline to 11,348 million units

For 2009, a 0.8% increase to 11,438 million units

Data Source: AHAM Forecast Source: Delano Data Insights

### RESIDENTIAL ELECTRIC WATER HEATERS – Shipments (Thousands of Units)

Qtr:	2007	2008	2009
1	1,186.3	1,080.4	1,071.7
2	1,104.9	1,138.4	1,141.9
3	1,097.7	1,085.4	1,097.3
4	1,081.3	1,057.5	1,074.4

For 2008, a 2.4% decline to 4,362 million units

For 2009, a 0.5% increase to 4,385 million units

Data Source: AHRI Forecast Source: Delano Data Insights

### DISHWASHERS – Shipments (Thousands of Units)

Qtr:	2007	2008	2009
1	1,689.6	1,505.0	1,390.6
2	1,813.3	1,563.6	1,494.8
3	1,795.8	1,505.5	1,485.9
4	1,678.1	1,518.7	1,553.6

For 2008, a 12.7% decline to 6,092 million units

For 2009, a 2.8% decline to 5,925 million units

Data Source: AHAM Forecast Source: Delano Data Insights

### ROOM AIR CONDITIONERS – Shipments (Thousands of Units)

Qtr:	2007	2008	2009
1	3,603.6	3,211.9	3,362.9
2	5,346.0	5,268.3	5,616.0
3	344.2	445.3	480.9
4	165.9	184.5	205.3

For 2008, a 3.7% decline to 9,110 million units

For 2009, a 6.1% increase to 9,665 million units

Data Source: AHAM Forecast Source: Delano Data Insights

Note: All forecasts begin in Q4/2008

## SHIPMENTS

Product	Sept. '08	Sept. '07	%Chg	9 Mos. '08	9 Mos. '07	%Chg
<b>MAJOR APPLIANCES</b> (Thousands of Units)						
<b>TOTAL</b>	<b>5,808.5</b>	<b>6,812.4</b>	<b>-14.7%</b>	<b>53,932.9</b>	<b>58,772.0</b>	<b>-8.2%</b>
<b>Cooking-Total</b>	<b>1,944.4</b>	<b>2,157.7</b>	<b>-9.9%</b>	<b>14,291.0</b>	<b>15,565.1</b>	<b>-8.2%</b>
<b>Electric Cooking - Total</b>	<b>512.1</b>	<b>622.9</b>	<b>-17.8%</b>	<b>3,827.4</b>	<b>4,448.4</b>	<b>-14.0%</b>
Surface Cooking Units	39.5	50.7	-22.1%	329.5	383.1	-14.0%
<b>Gas Cooking - Total</b>	<b>294.3</b>	<b>353.9</b>	<b>-16.8%</b>	<b>2,109.5</b>	<b>2,467.1</b>	<b>-14.5%</b>
Surface Cooking Units	37.3	49.4	-24.6%	298.1	376.1	-20.8%
<b>Microwave Ovens</b>	<b>1,138.0</b>	<b>1,180.9</b>	<b>-3.6%</b>	<b>8,354.1</b>	<b>8,649.6</b>	<b>-3.4%</b>
<b>Home Laundry - Total</b>	<b>1,381.3</b>	<b>1,700.7</b>	<b>-18.8%</b>	<b>11,556.1</b>	<b>12,425.6</b>	<b>-7.0%</b>
<b>Automatic Washers</b>	<b>745.0</b>	<b>935.2</b>	<b>-20.3%</b>	<b>6,294.7</b>	<b>6,701.9</b>	<b>-6.1%</b>
<b>Dryers - total</b>	<b>636.3</b>	<b>765.6</b>	<b>-16.9%</b>	<b>5,261.5</b>	<b>5,723.7</b>	<b>-8.1%</b>
Electric	510.1	610.2	-16.4%	4,250.5	4,571.5	-7.0%
Gas	126.2	155.4	-18.8%	1,010.9	1,152.2	-12.3%
<b>Kitchen Clean Up - Total</b>	<b>1,096.3</b>	<b>1,405.4</b>	<b>-22.0%</b>	<b>8,890.0</b>	<b>10,161.5</b>	<b>-12.5%</b>
<b>Disposers</b>	<b>536.2</b>	<b>676.5</b>	<b>-20.7%</b>	<b>4,258.6</b>	<b>4,786.7</b>	<b>-11.0%</b>
<b>Dishwashers - Total</b>	<b>553.7</b>	<b>719.9</b>	<b>-23.1%</b>	<b>4,574.1</b>	<b>5,298.7</b>	<b>-13.7%</b>
Built-In	546.3	709.2	-23.0%	4,503.1	5,218.2	-13.7%
Portable	7.3	10.6	-31.3%	71.0	80.4	-11.7%
<b>Compactors</b>	<b>6.4</b>	<b>9.1</b>	<b>-29.8%</b>	<b>57.3</b>	<b>76.2</b>	<b>-24.8%</b>
<b>Food Preservation - Total</b>	<b>1,218.4</b>	<b>1,392.8</b>	<b>-12.5%</b>	<b>8,836.9</b>	<b>9,529.7</b>	<b>-7.3%</b>
<b>Refrigerators</b>	<b>976.7</b>	<b>1,161.3</b>	<b>-15.9%</b>	<b>7,292.6</b>	<b>8,039.1</b>	<b>-9.3%</b>
<b>Freezers - Total</b>	<b>241.7</b>	<b>231.6</b>	<b>4.4%</b>	<b>1,544.3</b>	<b>1,490.5</b>	<b>3.6%</b>
Chest	141.7	133.0	6.5%	919.0	894.7	2.7%
Upright	100.0	98.5	1.5%	625.3	595.9	4.9%
<b>Home Comfort - Total</b>	<b>168.2</b>	<b>155.7</b>	<b>8.0%</b>	<b>10,358.9</b>	<b>11,090.1</b>	<b>-6.6%</b>
<b>Room Air Conditioners</b>	<b>86.7</b>	<b>52.2</b>	<b>66.2%</b>	<b>8,925.5</b>	<b>9,293.8</b>	<b>-4.0%</b>
<b>Dehumidifiers</b>	<b>81.5</b>	<b>103.5</b>	<b>-21.3%</b>	<b>1,433.4</b>	<b>1,796.3</b>	<b>-20.2%</b>

Note: Figures (in units) include shipments for the U.S. market whether imported or domestically produced. Export shipments are not included. Source: Association of Home Appliance Manufacturers (AHAM).

### HVAC

Shipment figures for unitary air conditioners, heat pumps, furnaces, and water heaters can be found at [www.ahrinet.org](http://www.ahrinet.org).

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