

APPENDIX C

PRODUCTS GENERATED IN THE MUNICIPAL WASTE STREAM 1960 to 2006

(in thousands of tons)

Source: Franklin Associates, A Division of ERG

MATERIALS	1960	1970	1980	1990	2000	2002	2004	2005	2006
Durable Goods									
Major Appliances	1,630	2,170	2,950	3,310	3,640	3,540	3,570	3,610	3,580
Small Appliances				460	900	900	920	950	1,020
Furniture and Furnishings	2,150	2,830	4,760	6,790	7,990	8,240	8,640	8,870	9,100
Carpets and Rugs				1,660	2,570	2,810	2,930	2,980	3,070
Rubber Tires	1,120	1,890	2,720	3,610	4,930	4,700	4,460	4,250	3,900
Batteries, lead acid	neg.	820	1,490	1,510	2,280	2,290	2,450	2,490	2,470
Miscellaneous Durables									
Selected Consumer Electronics					1,900	2,070	2,440	2,670	2,900
Other Misc. Durables					12,770	13,890	14,470	14,460	14,130
<i>Total Miscellaneous Durables</i>	<i>5,020</i>	<i>6,950</i>	<i>9,880</i>	<i>12,470</i>	<i>14,670</i>	<i>15,960</i>	<i>16,910</i>	<i>17,130</i>	<i>17,030</i>
Total Durable Goods	9,920	14,660	21,800	29,810	36,980	38,440	39,880	40,280	40,170
Nondurable Goods									
Newspapers	7,110	9,510	11,050	13,430	14,790	13,620	13,560	13,060	12,360
Books and Magazines	1,920	2,470	3,390						
Books				970	1,240	910	1,270	1,110	1,130
Magazines				2,830	2,230	2,000	2,470	2,580	2,570
Office-Type Papers	1,520	2,650	4,000	6,410	7,420	7,250	7,040	6,620	6,320
Directories				610	680	650	640	660	680
Standard Mail				3,820	5,570	5,160	5,570	5,830	5,890
Other Commercial Printing	1,260	2,130	3,120	4,460	7,380	6,600	7,680	6,450	6,630
Tissue Paper and Towels	1,090	2,080	2,300	2,960	3,220	3,310	3,220	3,460	3,430
Paper Plates and Cups	270	420	630	650	960	950	1,090	1,160	1,180
Plastic Plates and Cups			190	650	870	770	970	930	890
Trash Bags				780	850	1,000	1,090	1,060	1,080
Disposable Diapers	neg.	350	1,930	2,700	3,340	3,430	3,530	3,600	3,630
Other Nonpackaging Paper	2,700	3,630	4,230	3,840	4,250	4,030	4,550	4,490	4,590
Clothing and Footwear	1,360	1,620	2,170	4,010	6,470	7,140	7,640	8,080	8,640
Towels, Sheets and Pillowcases				710	820	900	940	980	1,030
<i>Other Misc. Nondurables</i>	<i>100</i>	<i>200</i>	<i>1,410</i>	<i>3,340</i>	<i>4,030</i>	<i>4,390</i>	<i>4,340</i>	<i>4,250</i>	<i>4,130</i>
Total Nondurable Goods	17,330	25,060	34,420	52,170	64,120	62,110	65,600	64,320	64,180
Containers and Packaging									
Glass and Packaging									
Beer and Soft Drink Bottles	1,400	5,580	6,740	5,640	5,710	7,040	7,010	7,180	7,500
Wine and Liquor Bottles	1,080	1,900	2,450	2,030	1,910	1,600	1,570	1,700	1,670
Food and Other Bottles and Jars	3,710	4,440	4,780	4,160	3,420	2,230	2,280	2,070	2,220
<i>Total Glass Packaging</i>	<i>6,190</i>	<i>11,920</i>	<i>13,970</i>	<i>11,830</i>	<i>11,040</i>	<i>10,870</i>	<i>10,860</i>	<i>10,950</i>	<i>11,390</i>
Steel Packaging									
Beer and Soft Drink Cans	640	1,570	520	150	neg.	neg.	neg.	neg.	neg.
Food and Other Cans	3,760	3,540	2,850	2,540	2,630	2,420	2,450	2,130	2,510
Other Steel Packaging	260	270	240	200	240	240	240	240	240
<i>Total Steel Packaging</i>	<i>4,660</i>	<i>5,380</i>	<i>3,610</i>	<i>2,890</i>	<i>2,870</i>	<i>2,660</i>	<i>2,690</i>	<i>2,370</i>	<i>2,750</i>
Aluminum Packaging									
Beer and Soft Drink Cans	neg.	100	850	1,550	1,520	1,490	1,480	1,450	1,440
Other Cans	neg.	60	40	20	50	50	50	50	80
Foils and Closures	170	410	380	330	380	400	390	400	420
<i>Total Aluminum Packaging</i>	<i>170</i>	<i>570</i>	<i>1,270</i>	<i>1,900</i>	<i>1,950</i>	<i>1,940</i>	<i>1,920</i>	<i>1,900</i>	<i>1,940</i>
Paper and Paperboard Pkg									
Corrugated Boxes	7,330	12,760	17,080	24,010	30,210	30,110	31,490	30,930	31,430
Milk Cartons			790	510	550	530	470	500	510
Folding Cartons			3,820	4,300	5,820	5,550	5,540	5,530	5,570
Other Paperboard Packaging	3,840	4,830	230	290	200	180	170	160	160
Bags and Sacks			3,380	2,440	1,490	1,440	1,270	1,120	1,340
Wrapping Papers			200	110	neg.	neg.	neg.	neg.	neg.
Other Paper Packaging	2,940	3,810	850	1,020	1,670	1,720	1,460	1,400	1,430
<i>Total Paper and Board Pkg.</i>	<i>14,110</i>	<i>21,400</i>	<i>26,350</i>	<i>32,680</i>	<i>39,940</i>	<i>39,530</i>	<i>40,400</i>	<i>39,640</i>	<i>40,440</i>
Plastics Packaging									
Soft Drink Bottles			260	430	830	870	850	850	940
Milk Bottles			230	530	690	710	800	800	710
Other Containers	60	910	890	1,430	2,630	2,930	3,150	3,110	3,430
Bags and Sacks			390	940	1,650	1,740	1,810	1,640	1,830
Wraps			840	1,530	2,550	2,740	2,940	2,810	2,800
Subtotal Bas, Sack, and Wraps			1,230	2,470	4,200	4,480	4,750	4,450	4,630
Other Plastics Packaging	60	1,180	790	2,040	3,510	3,700	4,410	4,440	4,520
<i>Total Plastics Packaging</i>	<i>120</i>	<i>2,090</i>	<i>3,400</i>	<i>6,900</i>	<i>11,860</i>	<i>12,690</i>	<i>13,960</i>	<i>13,650</i>	<i>14,230</i>
Wood Packaging	2,000	2,070	3,940	8,180	8,120	8,250	8,430	8,520	8,480
<i>Other Misc. Packaging</i>	<i>120</i>	<i>130</i>	<i>130</i>	<i>150</i>	<i>240</i>	<i>240</i>	<i>290</i>	<i>280</i>	<i>390</i>
Total Containers and Packaging	27,370	43,560	52,670	64,530	76,020	76,180	78,550	77,310	79,620
Other Wastes									
Food Scraps	12,200	12,800	13,000	20,800	27,110	27,920	29,730	30,480	31,250
Yard Trimmings	20,000	23,200	27,500	35,000	30,530	31,160	31,770	32,070	32,400
Miscellaneous Inorganic Wastes	1,300	1,780	2,250	2,900	3,500	3,580	3,650	3,690	3,720
<i>Total Other Wastes</i>	<i>33,500</i>	<i>37,780</i>	<i>42,750</i>	<i>58,700</i>	<i>61,140</i>	<i>62,660</i>	<i>65,150</i>	<i>66,240</i>	<i>67,370</i>
Total Product Wastes	88,120	121,060	151,640	205,210	238,260	239,390	249,180	248,150	251,340

