Table 1

MATERIALS GENERATED\* IN THE MUNICIPAL WASTE STREAM, 1960 TO 1998

(In thousands of tons and percent of total generation)

				Thousand	ds of Ton	s		
Materials	1960	1970	1980	1990	1995	1996	1997	1998
Paper and Paperboard	29,990	44,310	55,160	72,730	81,670	79,680	83,290	84,130
Glass	6,720	12,740	15,130	13,100	12,830	12,290	12,010	12,450
Metals								
Ferrous	10,300	12,360	12,620	12,640	11,640	11,830	12,330	12,380
Aluminum	340	800	1,730	2,810	2,960	2,950	3,010	3,080
Other Nonferrous	180	670	1,160	1,100	1,260	1,260	1,270	1,380
Total Metals	10,820	13,830	15,510	16,550	15,860	16,040	16,610	16,840
Plastics	390	2,900	6,830	17,130	18,900	19,760	21,470	22,370
Rubber and Leather	1,840	2,970	4,200	5,790	6,030	6,200	6,590	6,860
Textiles	1,760	2,040	2,530	5,810	7,400	7,720	8,240	8,600
Wood	3,030	3,720	7,010	12,210	10,440	10,840	11,570	11,930
Other **	70	770	2,520	3,190	3,650	3,690	3,760	3,900
Total Materials in Products	54,620	83,280	108,890	146,510	156,780	156,220	163,540	167,080
Other Wastes								
Food Wastes	12,200	12,800	13,000	20,800	21,740	21,850	21,910	22,130
Yard Trimmings	20,000	23,200	27,500	35,000	29,690	27,920	27,730	27,730
Miscellaneous Inorganic Wastes	1,300	1,780	2,250	2,900	3,150	3,200	3,250	3,290
Total Other Wastes	33,500	37,780	42,750	58,700	54,580	52,970	52,890	53,150
Total MSW Generated - Weight	88,120	121,060	151,640	205,210	211,360	209,190	216,430	220,230
			Perc	ent of To	tal Gener	ation		
Materials	1960	1970	1980	1990	1995	1996	1997	1998
Paper and Paperboard	34.0%	36.6%	36.4%	35.4%	38.6%	38.1%	38.5%	38.2%
Glass	7.6%	10.5%	10.0%	6.4%	6.1%	5.9%	5.5%	5.7%
Metals								
Ferrous	11.7%	10.2%	8.3%	6.2%	5.5%	5.7%	5.7%	5.6%
Aluminum	0.4%	0.7%	1.1%	1.4%	1.4%	1.4%	1.4%	1.4%
Other Nonferrous	0.2%	0.6%	0.8%	0.5%	0.6%	0.6%	0.6%	0.6%
Total Metals	12.3%	11.4%	10.2%	8.1%	7.5%	7.7%	7.7%	7.6%
Plastics	0.4%	2.4%	4.5%	8.3%	8.9%	9.4%	9.9%	10.2%
Rubber and Leather	2.1%	2.5%	2.8%	2.8%	2.9%	3.0%	3.0%	3.1%
Textiles	2.0%	1.7%	1.7%	2.8%	3.5%	3.7%	3.8%	3.9%
Wood	3.4%	3.1%	4.6%	6.0%	4.9%	5.2%	5.3%	5.4%
Other **	0.1%	0.6%	1.7%	1.6%	1.7%	1.8%	1.7%	1.8%
Total Materials in Products	62.0%	68.8%	71.8%	71.4%	74.2%	74.7%	75.6%	75.9%
Other Wastes				1		1		
Food Wastes	13.8%	10.6%	8.6%	10.1%	10.3%	10.4%	10.1%	10.0%
Yard Trimmings	22.7%	19.2%	18.1%	17.1%	14.0%	13.3%	12.8%	12.6%
Miscellaneous Inorganic Wastes	1.5%	1.5%	1.5%	1.4%	1.5%	1.5%	1.5%	1.5%
Total Other Wastes	38.0%	31.2%	28.2%	28.6%	25.8%	25.3%	24.4%	24.1%
Total MSW Generated - %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

<sup>\*</sup> Generation before materials recovery or combustion. Does not include construction & demolition debris, industrial process wastes, or certain other wastes.

<sup>\*\*</sup> Includes electrolytes in batteries and fluff pulp, feces, and urine in disposable diapers.

Details may not add to totals due to rounding.

Table 2

RECOVERY\* OF MUNICIPAL SOLID WASTE, 1960 TO 1998
(In thousands of tons and percent of generation of each material)

				Thousand	ds of Ton	s		
Materials	1960	1970	1980	1990	1995	1996	1997	1998
Paper and Paperboard	5,080	6,770	11,740	20,230	32,700	33,180	33,580	34,960
Glass	100	160	750	2,630	3,140	3,170	2,920	3,180
Metals								
Ferrous	50	150	370	2,230	4,130	4,400	4,730	4,340
Aluminum	Neg.	10	310	1,010	930	930	950	860
Other Nonferrous	Neg.	320	540	730	810	840	830	930
Total Metals	50	480	1,220	3,970	5,870	6,170	6,510	6,130
Plastics	Neg.	Neg.	20	370	990	1,060	1,110	1,210
Rubber and Leather	330	250	130	370	540	590	770	860
Textiles	50	60	160	660	900	950	1,060	1,110
Wood	Neg.	Neg.	Neg.	130	450	490	590	720
Other **	Neg.	300	500	680	750	780	760	860
Total Materials in Products	5,610	8,020	14,520	29,040	45,340	46,390	47,300	49,030
Other Wastes								
Food, Other^	Neg.	Neg.	Neg.	Neg.	570	520	580	580
Yard Trimmings	Neg.	Neg.	Neg.	4,200	9,000	10,390	11,490	12,560
Miscellaneous Inorganic Wastes	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Total Other Wastes	Neg.	Neg.	Neg.	4,200	9,570	10,910	12,070	13,140
Total MSW Recovered - Weight	5,610	8,020	14,520	33,240	54,910	57,300	59,370	62,170
		F	Percent o	f Generat	ion of Ea	ch Materia	al	
Materials	1960	1970	1980	1990	1995	1996	1997	1998
Paper and Paperboard	16.9%	15.3%	21.3%	27.8%	40.0%	41.6%	40.3%	41.6%
Glass	1.5%	1.3%	5.0%	20.1%	24.5%	25.8%	24.3%	25.5%
Metals								
Ferrous	0.5%	1.2%	2.9%	17.6%	35.5%	37.2%	38.4%	35.1%
Aluminum	Neg.	1.3%	17.9%	35.9%	31.4%	31.5%	31.6%	27.9%
Other Nonferrous	Neg.	47.8%	46.6%	66.4%	64.3%	66.7%	65.4%	67.4%
Total Metals	0.5%	3.5%	7.9%	24.0%	37.0%	38.5%	39.2%	36.4%
Plastics	Neg.	Neg.	0.3%	2.2%	5.2%	5.4%	5.2%	5.4%
Rubber and Leather	17.9%	8.4%	3.1%	6.4%	9.0%	9.5%	11.7%	12.5%
Textiles	2.8%	2.9%	6.3%	11.4%	12.2%	12.3%	12.9%	12.9%
Wood	Neg.	Neg.	Neg.	1.1%	4.3%	4.5%	5.1%	6.0%
Other **	Neg.	39.0%	19.8%	21.3%	20.5%	21.1%	20.2%	22.1%
Total Materials in Products	10.3%	9.6%	13.3%	19.8%	28.9%	29.7%	28.9%	29.3%
Other Wastes								
Food, Other^	Neg.	Neg.	Neg.	Neg.	2.6%	2.4%	2.6%	2.6%
Yard Trimmings	Neg.	Neg.	Neg.	12.0%	30.3%	37.2%	41.4%	45.3%
Miscellaneous Inorganic Wastes	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Total Other Wastes	Neg.	Neg.	Neg.	7.2%	17.5%	20.6%	22.8%	24.7%
Total MSW Recovered - %	6.4%	6.6%	9.6%	16.2%	26.0%	27.4%	27.4%	28.2%

<sup>\*</sup> Recovery of postconsumer wastes; does not include converting/fabrication scrap.

<sup>\*\*</sup> Recovery of electrolytes in batteries; probably not recycled.

Neg. = Less than 5,000 tons or 0.05 percent.

<sup>^</sup> Includes recovery of paper for composting.

Details may not add to totals due to rounding.

Table 3

MATERIALS DISCARDED\* IN THE MUNICIPAL WASTE STREAM, 1960 TO 1998

(In thousands of tons and percent of total discards)

				Thousand	ds of Tons			
Materials	1960	1970	1980	1990	1995	1996	1997	1998
Paper and Paperboard	24,910	37,540	43,420	52,500	48,970	46,500	49,710	49,170
Glass	6,620	12,580	14,380	10,470	9,690	9,120	9,090	9,270
Metals								
Ferrous	10,250	12,210	12,250	10,410	7,510	7,430	7,600	8,040
Aluminum	340	790	1,420	1,800	2,030	2,020	2,060	2,220
Other Nonferrous	180	350	620	370	450	420	440	450
Total Metals	10,770	13,350	14,290	12,580	9,990	9,870	10,100	10,710
Plastics	390	2,900	6,810	16,760	17,910	18,700	20,360	21,160
Rubber and Leather	1,510	2,720	4,070	5,420	5,490	5,610	5,820	6,000
Textiles	1,710	1,980	2,370	5,150	6,500	6,770	7,180	7,490
Wood	3,030	3,720	7,010	12,080	9,990	10,350	10,980	11,210
Other **	70	470	2,020	2,510	2,900	2,910	3,000	3,040
Total Materials in Products	49,010	75,260	94,370	117,470	111,440	109,830	116,240	118,050
Other Wastes								
Food Wastes	12,200	12,800	13,000	20,800	21,170	21,330	21,330	21,550
Yard Trimmings	20,000	23,200	27,500	30,800	20,690	17,530	16,240	15,170
Miscellaneous Inorganic Wastes	1,300	1,780	2,250	2,900	3,150	3,200	3,250	3,290
Total Other Wastes	33,500	37,780	42,750	54,500	45,010	42,060	40,820	40,010
Total MSW Discarded - Weight	82,510	113,040	137,120	171,970	156,450	151,890	157,060	158,060
			Per	rcent of T	otal Disca	ards		
Materials	1960	1970	1980	1990	1995	1996	1997	1998
Paper and Paperboard	30.2%	33.2%	31.7%	30.5%	31.3%	30.6%	31.7%	31.1%
Glass	8.0%	11.1%	10.5%	6.1%	6.2%	6.0%	5.8%	5.9%
Metals								
Ferrous	12.4%	10.8%	8.9%	6.1%	4.8%	4.9%	4.8%	5.1%
Aluminum	0.4%	0.7%	1.0%	1.0%	1.3%	1.3%	1.3%	1.4%
Other Nonferrous	0.2%	0.3%	0.5%	0.2%	0.3%	0.3%	0.3%	0.3%
Total Metals	13.1%	11.8%	10.4%	7.3%	6.4%	6.5%	6.4%	6.8%
Plastics	0.5%	2.6%	5.0%	9.7%	11.4%	12.3%	13.0%	13.4%
Rubber and Leather	1.8%	2.4%	3.0%	3.2%	3.5%	3.7%	3.7%	3.8%
Textiles	2.1%	1.8%	1.7%	3.0%	4.2%	4.5%	4.6%	4.7%
Wood	3.7%	3.3%	5.1%	7.0%	6.4%	6.8%	7.0%	7.1%
Other **	0.1%	0.4%	1.5%	1.5%	1.9%	1.9%	1.9%	1.9%
Total Materials in Products	59.4%	66.6%	68.8%	68.3%	71.2%	72.3%	74.0%	74.7%
Other Wastes								
Food Wastes	14.8%	11.3%	9.5%	12.1%	13.5%	14.0%	13.6%	13.6%
Yard Trimmings	24.2%	20.5%	20.1%	17.9%	13.2%	11.5%	10.3%	9.6%
Miscellaneous Inorganic Wastes	1.6%	1.6%	1.6%	1.7%	2.0%	2.1%	2.1%	2.1%
Total Other Wastes	40.6%	33.4%	31.2%	31.7%	28.8%	27.7%	26.0%	25.3%
Total MSW Discarded - %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

<sup>\*</sup> Discards after materials and compost recovery. Does not include construction & demolition debris, industrial process wastes, or certain other wastes.

<sup>\*\*</sup> Includes electrolytes in batteries and fluff pulp, feces, and urine in disposable diapers.

Details may not add to totals due to rounding.

Table 4

PAPER AND PAPERBOARD PRODUCTS IN MSW, 1998
(In thousands of tons and percent of generation)

	Generation	Reco	overy	Discards		
	(Thousands	(Thousands	(Percent of	(Thousands		
<b>Product Category</b>	tons)	tons)	generation)	tons)		
Nondurable Goods						
Newspapers						
Newsprint	11,070	6,270	56.6%	4,800		
Groundwood inserts	2,550	1,410	55.3%	1,140		
Total Newspapers	13,620	7,680	56.4%	5,940		
Books	1,140	160	14.0%	980		
Magazines	2,260	470	20.8%	1,790		
Office Papers	7,040	3,550	50.4%	3,490		
Directories	740	100	13.5%	640		
Standard (A) Mail*	5,200	980	18.8%	4,220		
Other Commercial Printing	6,570	420	6.4%	6,150		
Tissue Paper and Towels	3,100	Neg.	Neg.	3,100		
Paper Plates and Cups	890	Neg.	Neg.	890		
Other Nonpackaging Paper**	4,460	Neg.	Neg.	4,460		
Total Paper and Paperboard	· · · · · · · · · · · · · · · · · · ·					
Nondurable Goods	45,020	13,360	29.7%	31,660		
<b>Containers and Packaging</b>						
Corrugated Boxes	29,760	20,920	70.3%	8,840		
Milk Cartons	470	Neg.	Neg.	470		
Folding Cartons	5,550	390	7.0%	5,160		
Other Paperboard Packaging	230	Neg.	Neg.	230		
Bags and Sacks	1,680	290	17.3%	1,390		
Other Paper Packaging	1,420	Neg.	Neg.	1,420		
Total Paper and Paperboard						
Containers and Packaging	39,110	21,600	55.2%	17,510		
Total Paper and Paperboard	84,130	34,960	41.6%	49,170		

<sup>\*</sup> Formerly called Third Class Mail by the U.S. Postal Service.

<sup>\*\*</sup> Includes tissue in disposable diapers, paper in games and novelties, cards, etc. Neg. = Less than 5,000 tons or 0.05 percent.

Table 5 **GLASS PRODUCTS IN MSW, 1998** (In thousands of tons and percent of generation)

	Generation	Rec	overy	Discards
<b>Product Category</b>	(Thousand tons)	(Thousand tons)	(Percent of generation)	(Thousand tons)
Durable Goods*	1,450	Neg.	Neg.	1,450
Containers and Packaging				
Beer and Soft Drink Bottles	5,350	1,680	31.4%	3,670
Wine and Liquor Bottles	1,770	480	27.1%	1,290
Food and Other Bottles and Jars	3,880	1,020	26.3%	2,860
Total Glass Containers	11,000	3,180	28.9%	7,820
Total Glass	12,450	3,180	25.5%	9,270

<sup>\*</sup> Glass as a component of appliances, furniture, consumer electronics, etc. Neg. = Less than 5,000 tons or 0.05 percent.

Table 6

METAL PRODUCTS IN MSW, 1998
(In thousands of tons and percent of generation)

	Generation					
	(Thousand	(Thousand	(Percent of	(Thousand		
<b>Product Category</b>	tons)	tons)	generation)	tons)		
<b>Durable Goods</b>						
Ferrous metals*	9,440	2,660	28.2%	6,780		
Aluminum**	930	Neg.	Neg.	930		
Lead†	970	930	95.9%	40		
Other nonferrous metals‡	410	Neg.	Neg.	410		
Total Metals in Durable Goods	11,750	3,590	30.6%	8,160		
Nondurable Goods						
Aluminum	190	Neg.	Neg.	190		
Containers and Packaging Steel						
Food and other cans	2,690	1,510	56.1%	1,180		
Other steel packaging	250	170	68.0%	80		
Total Steel Packaging	2,940	1,680	57.1%	1,260		
Aluminum						
Beer and soft drink cans	1,540	830	53.9%	710		
Food and other cans	50	Neg.	6.0%	50		
Foil and closures	370	30	8.1%	340		
Total Aluminum Packaging	1,960	860	43.9%	1,100		
Total Metals in						
Containers and Packaging	4,900	2,540	51.8%	2,360		
Total Metals	16,840	6,130	36.4%	10,710		
Ferrous	12,380	4,340	35.1%	8,040		
Aluminum	3,080	860	27.9%	2,220		
Other nonferrous	1,380	930	67.4%	450		

<sup>\*</sup> Ferrous metals in appliances, furniture, tires, and miscellaneous durables.

<sup>\*\*</sup> Aluminum in appliances, furniture, and miscellaneous durables.

<sup>†</sup> Lead in lead-acid batteries.

<sup>‡</sup> Other nonferrous metals in appliances and miscellaneous durables.

Neg. = Less than 5,000 tons or 0.05 percent.

Details may not add to totals due to rounding.

Table 7

PLASTICS IN PRODUCTS IN MSW, 1998
(In thousands of tons, and percent of generation by resin)

	Generation (Thousand	Reco	overy I (Percent	Discards (Thousand
<b>Product Category</b>	tons)	tons)	of Gen.)	tons)
<b>Durable Goods</b>				
PET	380	30		350
HDPE	490	40		450
PVC	410	Neg.		410
LDPE/LLDPE	600	20		600
PP	1,130	140		990
PS	580	10		580
Other resins	3,310	20		3,290
Total Plastics in Durable Goods	6,900	260	3.8%	6,640
Nondurable Goods				
Plastic Plates and Cups				
LDPE/LLDPE	20			20
PS	870	Noa		870
Subtotal Plastic Plates and Cups	890	Neg.		890
-	890			890
Trash Bags	220			220
HDPE	220			220
LDPE/LLDPE	620			620
Subtotal Trash Bags	840			840
All other nondurables*				
PET	190			190
HDPE	370			370
PVC	530			530
LDPE/LLDPE	1,390			1,390
PP	770			770
PS	510			510
Other resins	90			90
Subtotal All Other Nondurables	3,850			3,850
Total Plastics in Nondurable Goods, by	resin			
PET	190			190
HDPE	590			590
PVC	530			530
LDPE/LLDPE	2,030			2,030
PP	770			770
PS	1,380	Neg.		1,380
Other resins	90	ricg.		90
Total Plastics in Nondurable Goods	5,580	0	0.0%	5,580
Total Lustics in Nonaurable Goods	3,360	U	0.0%	3,380
Plastic Containers & Packaging				
Soft drink bottles	020	200		520
PET	820	290		530
HDPE	Neg.	Neg.	05.404	Neg.
Subtotal Soft Drink Bottles	820	290	35.4%	530
Milk and water bottles				
HDPE	700	220	31.4%	480
	, 00			.00
HDPE=High density polyethylene	PET=Polvethy	ylene terephthal	ate PS=Polysty	rene
LDPE=Low density polyethylene	PP=Polypropy	_		vinyl chloride
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LLDPE=Linear Low density polyethylene

## Table 7 (continued)

# PLASTICS IN PRODUCTS IN MSW, 1998

(In thousands of tons, and percent of generation by resin)

	Generation	Reco	very	Discards	
	(Thousand	(Thousand		(Thousand	
<b>Product Category</b>	tons)	tons)	of Gen.)	tons)	
Plastic Containers & Packaging, cont.					
Other plastic containers					
PET	720	70		650	
HDPE	1,220	150		1,070	
PVC	130	Neg.		130	
LDPE/LLDPE	50	Neg.		50	
PP	130	Neg.		130	
PS	60	Neg.		60	
Other resins	20	Neg.		20	
Subtotal Other Containers	2,330	220	9.4%	2,110	
Bags, sacks, & wraps	,			,	
HDPE	570	30		540	
PVC	50	30		50	
LDPE/LLDPE	2,320	120		2,200	
PP	460	Neg.		460	
PS	60	ricg.		60	
Subtotal Bags, Sacks, & Wraps	3,460	150	4.3%	3,310	
*	3,400	150	4.570	3,310	
Other Plastics Packaging**	120	N		120	
PET	120	Neg.		120	
HDPE	1,390	10		1,390	
PVC	250	Neg.		250	
LDPE/LLDPE	340	Neg.		340	
PP	350	30		320	
PS	90	10		80	
Other resins	40	30		40	
Subtotal Other Packaging	2,580	80	3.1%	2,500	
Total Plastics in Containers & Packagi	ing, by resin				
PET	1,660	360		1,300	
HDPE	3,880	400		3,480	
PVC	430	Neg.		430	
LDPE/LLDPE	2,710	120		2,590	
PP	940	30		910	
PS	210	10		200	
Other resins	60	30		60	
Total Plastics in Containers & Pkg	9,890	950	9.6%	8,940	
Total Plastics in MSW, by resin					
PET	2,230	390		1,840	
HDPE	4,960	440		4,520	
PVC	1,370	Neg.		1,370	
LDPE/LLDPE	5,340	140		5,200	
PP	2,840	170		2,670	
PS	2,170	20		2,150	
Other resins	3,460	50		3,410	
Total Plastics in MSW	22,370	1,210	5.4%	21,160	
HDPE=High density polyethylene LDPE=Low density polyethylene	PET=Polyethyl PP=Polypropyl	ene terephthalate	PS=Polysty PVC=Poly	vrene vinyl chloride	

LLDPE=Linear Low density polyethylene

\* All other nondurables include plastics in disposable diapers, clothing, footwear, etc.

\*\* Other plastic packaging includes coatings, closures, caps, trays, shapes, etc.

Neg. = Less than 5,000 tons or 0.05 percent. Details may not add to totals due to rounding.

Table 8

RUBBER AND LEATHER PRODUCTS IN MSW, 1998
(In thousands of tons and percent of generation)

	Generation	Reco	very	Discards
	(Thousand	(Thousand	(Percent of	(Thousand
Product Category	tons)	tons)	generation)	tons)
<b>Durable Goods</b>				
Rubber in Tires*	3,660	860	23.5%	2,800
Other Durables**	2,360	Neg.	Neg.	2,360
Total Rubber & Leather	· <u> </u>			
Durable Goods	6,020	860	14.3%	5,160
Nondurable Goods				
Clothing and Footwear	580	Neg.	Neg.	580
Other Nondurables	240	Neg.	Neg.	240
Total Rubber & Leather				
Nondurable Goods	820	Neg.	Neg.	820
<b>Containers and Packaging</b>	20	Neg.	Neg.	20
Total Rubber & Leather	6,860	860	12.5%	6,000

<sup>\*</sup> Automobile and truck tires. Does not include other materials in tires.

Neg. = Less than 5,000 tons or 0.05 percent.

<sup>\*\*</sup> Includes carpets and rugs and other miscellaneous durables.

Table 9

CATEGORIES OF PRODUCTS GENERATED\* IN THE MUNICIPAL WASTE STREAM, 1960 TO 1998

(In thousands of tons and percent of total generation)

	Thousands of Tons								
Products	1960	1970	1980	1990	1995	1996	1997	1998	
Durable Goods	9,920	14,660	21,800	29,810	31,140	31,660	33,220	34,370	
(Detail in Table 12)									
Nondurable Goods	17,330	25,060	34,420	52,170	57,250	55,510	59,280	60,280	
(Detail in Table 15)									
Containers and Packaging	27,370	43,560	52,670	64,530	68,390	69,050	71,040	72,430	
(Detail in Table 18)									
Total Product** Wastes	54,620	83,280	108,890	146,510	156,780	156,220	163,540	167,080	
Other Wastes									
Food Wastes	12,200	12,800	13,000	20,800	21,740	21,850	21,910	22,130	
Yard Trimmings	20,000	23,200	27,500	35,000	29,690	27,920	27,730	27,730	
Miscellaneous Inorganic Wastes	1,300	1,780	2,250	2,900	3,150	3,200	3,250	3,290	
Total Other Wastes	33,500	37,780	42,750	58,700	54,580	52,970	52,890	53,150	
Total MSW Generated - Weight	88,120	121,060	151,640	205,210	211,360	209,190	216,430	220,230	
			Pero	ent of To	tal Gener	ation			
Products	1960	1970	1980	1990	1995	1996	1997	1998	
Durable Goods	11.3%	12.1%	14.4%	14.5%	14.7%	15.1%	15.3%	15.6%	
(Detail in Table 12)									
Nondurable Goods	19.7%	20.7%	22.7%	25.4%	27.1%	26.5%	27.4%	27.4%	
(Detail in Table 15)									
Containers and Packaging	31.1%	36.0%	34.7%	31.4%	32.4%	33.0%	32.8%	32.9%	
(Detail in Table 19)									
Total Product** Wastes	62.0%	68.8%	71.8%	71.4%	74.2%	74.7%	75.6%	75.9%	
Other Wastes									
Food Wastes	13.8%	10.6%	8.6%	10.1%	10.3%	10.4%	10.1%	10.0%	
Yard Trimmings	22.7%	19.2%	18.1%	17.1%	14.0%	13.3%	12.8%	12.6%	
Miscellaneous Inorganic Wastes	1.5%	1.5%	1.5%	1.4%	1.5%	1.5%	1.5%	1.5%	
Total Other Wastes	38.0%	31.2%	28.2%	28.6%	25.8%	25.3%	24.4%	24.1%	
Total MSW Generated - %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

<sup>\*</sup> Generation before materials recovery or combustion. Does not include construction & demolition debris, industrial process wastes, or certain other wastes.

<sup>\*\*</sup> Other than food products.

Details may not add to totals due to rounding.

Table 10

RECOVERY\* OF MUNICIPAL SOLID WASTE, 1960 TO 1998
(In thousands of tons and percent of generation of each category)

				Thousand	ds of Tons	S		
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	350	940	1,360	3,460	5,010	5,300	5,660	5,740
(Detail in Table 13)								
Nondurable Goods	2,390	3,730	4,670	8,800	13,610	13,550	14,020	14,290
(Detail in Table 16)								
Containers and Packaging	2,870	3,350	8,490	16,780	26,720	27,540	27,620	29,000
(Detail in Table 20)								
Total Product** Wastes	5,610	8,020	14,520	29,040	45,340	46,390	47,300	49,030
Other Wastes								
Food, Other^	Neg.	Neg.	Neg.	Neg.	570	520	580	580
Yard Trimmings	Neg.	Neg.	Neg.	4,200	9,000	10,390	11,490	12,560
Miscellaneous Inorganic Wastes	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Total Other Wastes	Neg.	Neg.	Neg.	4,200	9,570	10,910	12,070	13,140
Total MSW Recovered - Weight	5,610	8,020	14,520	33,240	54,910	57,300	59,370	62,170
		F	ercent of	Generati	on of Eac	h Catego	ry	
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	3.5%	6.4%	6.2%	11.6%	16.1%	16.7%	17.0%	16.7%
(Detail in Table 13)								
Nondurable Goods	13.8%	14.9%	13.6%	16.9%	23.8%	24.4%	23.7%	23.7%
(Detail in Table 16)								
Containers and Packaging	10.5%	7.7%	16.1%	26.0%	39.1%	39.9%	38.9%	40.0%
(Detail in Table 21)								
Total Product** Wastes	10.3%	9.6%	13.3%	19.8%	28.9%	29.7%	28.9%	29.3%
Other Wastes								
Food, Other^	Neg.	Neg.	Neg.	Neg.	2.6%	2.4%	2.6%	2.6%
Yard Trimmings	Neg.	Neg.	Neg.	12.0%	30.3%	37.2%	41.4%	45.3%
Miscellaneous Inorganic Wastes	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Total Other Wastes	Neg.	Neg.	Neg.	7.2%	17.5%	20.6%	22.8%	24.7%
Total MSW Recovered - %	6.4%	6.6%	9.6%	16.2%	26.0%	27.4%	27.4%	28.2%

<sup>\*</sup> Recovery of postconsumer wastes; does not include converting/fabrication scrap.

<sup>\*\*</sup> Other than food products.

<sup>^</sup> Includes recovery of paper for composting.

Neg. = Less than 5,000 tons or 0.05 percent.

Table 11

CATEGORIES OF PRODUCTS DISCARDED\* IN THE MUNICIPAL WASTE STREAM, 1960 TO 1998

(In thousands of tons and percent of total discards)

	Thousands of Tons								
Products	1960	1970	1980	1990	1995	1996	1997	1998	
Durable Goods	9,570	13,720	20,440	26,350	26,130	26,360	27,560	28,630	
(Detail in Table 14)									
Nondurable Goods	14,940	21,330	29,750	43,370	43,640	41,960	45,260	45,990	
(Detail in Table 17)									
Containers and Packaging	24,500	40,210	44,180	47,750	41,670	41,510	43,420	43,430	
(Detail in Table 22)									
Total Product** Wastes	49,010	75,260	94,370	117,470	111,440	109,830	116,240	118,050	
Other Wastes									
Food Wastes	12,200	12,800	13,000	20,800	21,170	21,330	21,330	21,550	
Yard Trimmings	20,000	23,200	27,500	30,800	20,690	17,530	16,240	15,170	
Miscellaneous Inorganic Wastes	1,300	1,780	2,250	2,900	3,150	3,200	3,250	3,290	
Total Other Wastes	33,500	37,780	42,750	54,500	45,010	42,060	40,820	40,010	
Total MSW Discarded - Weight	82,510	113,040	137,120	171,970	156,450	151,890	157,060	158,060	
			Pe	rcent of T	otal Disca	ards			
Products	1960	1970	1980	1990	1995	1996	1997	1998	
Durable Goods	11.6%	12.1%	14.9%	15.3%	16.7%	17.4%	17.5%	18.1%	
(Detail in Table 14)									
Nondurable Goods	18.1%	18.9%	21.7%	25.2%	27.9%	27.6%	28.8%	29.1%	
(Detail in Table 17)									
Containers and Packaging	29.7%	35.6%	32.2%	27.8%	26.6%	27.3%	27.6%	27.5%	
(Detail in Table 23)									
Total Product** Wastes	59.4%	66.6%	68.8%	68.3%	71.2%	72.3%	74.0%	74.7%	
Other Wastes									
Food Wastes	14.8%	11.3%	9.5%	12.1%	13.5%	14.0%	13.6%	13.6%	
Yard Trimmings	24.2%	20.5%	20.1%	17.9%	13.2%	11.5%	10.3%	9.6%	
Miscellaneous Inorganic Wastes	1.6%	1.6%	1.6%	1.7%	2.0%	2.1%	2.1%	2.1%	
Total Other Wastes	40.6%	33.4%	31.2%	31.7%	28.8%	27.7%	26.0%	25.3%	
Total MSW Discarded - %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

<sup>\*</sup> Discards after materials and compost recovery. Does not include construction & demolition debris, industrial process wastes, or certain other wastes.

<sup>\*\*</sup> Other than food products.

Details may not add to totals due to rounding.

Table 12

PRODUCTS GENERATED\* IN THE MUNICIPAL WASTE STREAM, 1960 TO 1998
(WITH DETAIL ON DURABLE GOODS)

(In thousands of tons and percent of total generation)

				Thousand	ls of Tons	<b>;</b>		
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	•	•			•		•	!
Major Appliances	1,630	2,170	2,950	3,310	3,420	3,520	3,600	3,650
Small Appliances**				460	710	780	830	890
Furniture and Furnishings	2,150	2,830	4,760	6,790	7,170	7,320	7,510	7,600
Carpets and Rugs**				1,660	2,230	2,310	2,330	2,410
Rubber Tires	1,120	1,890	2,720	3,610	3,770	3,910	4,260	4,510
Batteries, lead acid	Neg.	820	1,490	1,510	1,810	1,810	1,780	1,940
Miscellaneous Durables	5,020	6,950	9,880	12,470	12,030	12,010	12,910	13,370
Total Durable Goods	9,920	14,660	21,800	29,810	31,140	31,660	33,220	34,370
Nondurable Goods	17,330	25,060	34,420	52,170	57,250	55,510	59,280	60,280
(Detail in Table 15)								
Containers and Packaging	27,370	43,560	52,670	64,530	68,390	69,050	71,040	72,430
(Detail in Table 18)								
Total Product Wastes†	54,620	83,280	108,890	146,510	156,780	156,220	163,540	167,080
Other Wastes								
Food Wastes	12,200	12,800	13,000	20,800	21,740	21,850	21,910	22,130
Yard Trimmings	20,000	23,200	27,500	35,000	29,690	27,920	27,730	27,730
Miscellaneous Inorganic Wastes	1,300	1,780	2,250	2,900	3,150	3,200	3,250	3,290
Total Other Wastes	33,500	37,780	42,750	58,700	54,580	52,970	52,890	53,150
Total MSW Generated - Weight	88,120	121,060	151,640	205,210	211,360	209,190	216,430	220,230
			Perc	ent of To	tal Genera	tion		
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods								
Major Appliances	1.8%	1.8%	1.9%	1.6%	1.6%	1.7%	1.7%	1.7%
Small Appliances**				0.2%	0.3%	0.4%	0.4%	0.4%
Furniture and Furnishings	2.4%	2.3%	3.1%	3.3%	3.4%	3.5%	3.5%	3.5%
Carpets and Rugs**				0.8%	1.1%	1.1%	1.1%	1.1%
Rubber Tires	1.3%	1.6%	1.8%	1.8%	1.8%	1.9%	2.0%	2.0%
Batteries, Lead-Acid	Neg.	0.7%	1.0%	0.7%	0.9%	0.9%	0.8%	0.9%
Miscellaneous Durables	5.7%	5.7%	6.5%	6.1%	5.7%	5.7%	6.0%	6.1%
Total Durable Goods	11.3%	12.1%	14.4%	14.5%	14.7%	15.1%	15.3%	15.6%
Nondurable Goods	19.7%	20.7%	22.7%	25.4%	27.1%	26.5%	27.4%	27.4%
(Detail in Table 15)								
Containers and Packaging	31.1%	36.0%	34.7%	31.4%	32.4%	33.0%	32.8%	32.9%
(Detail in Table 19)								
Total Product Wastes†	62.0%	68.8%	71.8%	71.4%	74.2%	74.7%	75.6%	75.9%
Other Wastes								
Food Wastes	13.8%	10.6%	8.6%	10.1%	10.3%	10.4%	10.1%	10.0%
Yard Trimmings	22.7%	19.2%	18.1%	17.1%	14.0%	13.3%	12.8%	12.6%
Miscellaneous Inorganic Wastes	1.5%	1.5%	1.5%	1.4%	1.5%	1.5%	1.5%	1.5%
Total Other Wastes	38.0%	31.2%	28.2%	28.6%	25.8%	25.3%	24.4%	24.1%
Total MSW Generated - %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

<sup>\*</sup> Generation before materials recovery or combustion. Does not include construction & demolition debris, industrial process wastes, or certain other wastes. Details may not add to totals due to rounding.

<sup>\*\*</sup> Not estimated separately prior to 1990.

<sup>†</sup> Other than food products.

Neg. = Less than 5,000 tons or 0.05 percent.

Table 13

RECOVERY\* OF PRODUCTS IN MUNICIPAL SOLID WASTE, 1960 TO 1998

(WITH DETAIL ON DURABLE GOODS)

(In thousands of tons and percent of generation of each product)

			•	Thousand	s of Tons			
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	•	•						
Major Appliances	10	50	130	1,070	2,070	2,200	2,320	1,940
Small Appliances**				10	10	10	10	10
Furniture and Furnishings	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Carpets and Rugs**				Neg.	20	20	30	30
Rubber Tires	330	250	150	440	670	730	950	1,060
Batteries, lead acid	Neg.	620	1,040	1,470	1,620	1,700	1,660	1,880
Miscellaneous Durables	10	20	40	470	620	640	690	820
Total Durable Goods	350	940	1,360	3,460	5,010	5,300	5,660	5,740
Nondurable Goods	2,390	3,730	4,670	8,800	13,610	13,550	14,020	14,290
(Detail in Table 16)								
Containers and Packaging	2,870	3,350	8,490	16,780	26,720	27,540	27,620	29,000
(Detail in Table 20)								
Total Product Wastes†	5,610	8,020	14,520	29,040	45,340	46,390	47,300	49,030
Other Wastes								
Food Wastes	Neg.	Neg.	Neg.	Neg.	570	520	580	580
Yard Trimmings	Neg.	Neg.	Neg.	4,200	9,000	10,390	11,490	12,560
Miscellaneous Inorganic Wastes	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Total Other Wastes	Neg.	Neg.	Neg.	4,200	9,570	10,910	12,070	13,140
Total MSW Recovered - Weight	5,610	8,020	14,520	33,240	54,910	57,300	59,370	62,170
			Percent of	f Generati	on of Eac	h Product	t	
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods								
Major Appliances	0.6%	2.3%	4.4%	32.3%	60.5%	62.5%	64.4%	53.2%
Small Appliances**				2.2%	1.4%	1.3%	1.2%	1.1%
Furniture and Furnishings	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Carpets and Rugs**				Neg.	0.9%	0.9%	1.3%	1.2%
Rubber Tires	29.5%	13.2%	5.5%	12.2%	17.8%	18.7%	22.3%	23.5%
Batteries, Lead-Acid	Neg.	75.6%	69.8%	97.4%	89.5%	93.9%	93.3%	96.9%
Miscellaneous Durables	0.2%	0.3%	0.4%	3.8%	5.2%	5.3%	5.3%	6.1%
Total Durable Goods	3.5%	6.4%	6.2%	11.6%	16.1%	16.7%	17.0%	16.7%
Nondurable Goods	13.8%	14.9%	13.6%	16.9%	23.8%	24.4%	23.7%	23.7%
(Detail in Table 16)								
Containers and Packaging	10.5%	7.7%	16.1%	26.0%	39.1%	39.9%	38.9%	40.0%
(Detail in Table 21)								
Total Product Wastes†	10.3%	9.6%	13.3%	19.8%	28.9%	29.7%	28.9%	29.3%
Other Wastes								
Food Wastes	Neg.	Neg.	Neg.	Neg.	2.6%	2.4%	2.6%	2.6%
Yard Trimmings	Neg.	Neg.	Neg.	12.0%	30.3%	37.2%	41.4%	45.3%
Miscellaneous Inorganic Wastes	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Total Other Wastes	Neg.	Neg.	Neg.	7.2%	17.5%	20.6%	22.8%	24.7%
Total MSW Recovered - %	6.4%	6.6%	9.6%	16.2%	26.0%	27.4%	27.4%	28.2%

<sup>\*</sup> Recovery of postconsumer wastes; does not include converting/fabrication scrap.

<sup>\*\*</sup> Not estimated separately prior to 1990.

<sup>†</sup> Other than food products.

Neg. = Less than 5,000 tons or 0.05 percent.

Table 14

PRODUCTS DISCARDED\* IN THE MUNICIPAL WASTE STREAM, 1960 TO 1998
(WITH DETAIL ON DURABLE GOODS)

(In thousands of tons and percent of total discards)

				Thousand	ls of Tons	<b>,</b>		
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	•	•				•	•	
Major Appliances	1,620	2,120	2,820	2,240	1,350	1,320	1,280	1,710
Small Appliances**				450	700	770	820	880
Furniture and Furnishings	2,150	2,830	4,760	6,790	7,170	7,320	7,510	7,600
Carpets and Rugs**				1,660	2,210	2,290	2,300	2,380
Rubber Tires	790	1,640	2,570	3,170	3,100	3,180	3,310	3,450
Batteries, lead acid	Neg.	200	450	40	190	110	120	60
Miscellaneous Durables	5,010	6,930	9,840	12,000	11,410	11,370	12,220	12,550
Total Durable Goods	9,570	13,720	20,440	26,350	26,130	26,360	27,560	28,630
Nondurable Goods	14,940	21,330	29,750	43,370	43,640	41,960	45,260	45,990
(Detail in Table 17)								
Containers and Packaging	24,500	40,210	44,180	47,750	41,670	41,510	43,420	43,430
(Detail in Table 22)								
Total Product Wastes†	49,010	75,260	94,370	117,470	111,440	109,830	116,240	118,050
Other Wastes								
Food Wastes	12,200	12,800	13,000	20,800	21,170	21,330	21,330	21,550
Yard Trimmings	20,000	23,200	27,500	30,800	20,690	17,530	16,240	15,170
Miscellaneous Inorganic Wastes	1,300	1,780	2,250	2,900	3,150	3,200	3,250	3,290
Total Other Wastes	33,500	37,780	42,750	54,500	45,010	42,060	40,820	40,010
Total MSW Discarded - Weight	82,510	113,040	137,120	171,970	156,450	151,890	157,060	158,060
			Pe	cent of To	otal Disca	rds		
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods								
Major Appliances	2.0%	1.9%	2.1%	1.3%	0.9%	0.9%	0.8%	1.1%
Small Appliances**				0.3%	0.4%	0.5%	0.5%	0.6%
Furniture and Furnishings	2.6%	2.5%	3.5%	3.9%	4.6%	4.8%	4.8%	4.8%
Carpets and Rugs**				1.0%	1.4%	1.5%	1.5%	1.5%
Rubber Tires	1.0%	1.5%	1.9%	1.8%	2.0%	2.1%	2.1%	2.2%
Batteries, Lead-Acid	Neg.	0.2%	0.3%	0.0%	0.1%	0.1%	0.1%	0.0%
Miscellaneous Durables	6.1%	6.1%	7.2%	7.0%	7.3%	7.5%	7.8%	7.9%
Total Durable Goods	11.6%	12.1%	14.9%	15.3%	16.7%	17.4%	17.5%	18.1%
Nondurable Goods	18.1%	18.9%	21.7%	25.2%	27.9%	27.6%	28.8%	29.1%
(Detail in Table 17)								
Containers and Packaging	29.7%	35.6%	32.2%	27.8%	26.6%	27.3%	27.6%	27.5%
(Detail in Table 23)								
Total Product Wastes†	59.4%	66.6%	68.8%	68.3%	71.2%	72.3%	74.0%	74.7%
Other Wastes								
Food Wastes	14.8%	11.3%	9.5%	12.1%	13.5%	14.0%	13.6%	13.6%
Yard Trimmings	24.2%	20.5%	20.1%	17.9%	13.2%	11.5%	10.3%	9.6%
Miscellaneous Inorganic Wastes	1.6%	1.6%	1.6%	1.7%	2.0%	2.1%	2.1%	2.1%
Total Other Wastes	40.6%	33.4%	31.2%	31.7%	28.8%	27.7%	26.0%	25.3%
Total MSW Discarded - %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

<sup>\*</sup> Discards after materials and compost recovery. Does not include construction & demolition debris, industrial process wastes, or certain other wastes. Details may not add to totals due to rounding.

Neg. = Less than 5,000 tons or 0.05 percent.

<sup>\*\*</sup> Not estimated separately prior to 1990.

<sup>†</sup> Other than food products.

Table 15

### PRODUCTS GENERATED\* IN THE MUNICIPAL WASTE STREAM, 1960 TO 1998 (WITH DETAIL ON NONDURABLE GOODS)

(In thousands of tons and percent of total generation)

				Thousand	ds of Tons	5		
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	9,920	14,660	21,800	29,810	31,140	31,660	33,220	34,370
(Detail in Table 12)								
Nondurable Goods			•	•	•	,	,	
Newspapers	7,110	9,510	11,050	13,430	13,140	12,560	13,490	13,620
Books and Magazines	1,920	2,470	3,390					
Books**				970	1,150	940	1,120	1,140
Magazines**				2,830	2,530	1,970	2,160	2,260
Office Papers	1,520	2,650	4,000	6,410	6,640	6,570	6,930	7,040
Directories**				610	490	470	470	740
Standard (A) Mail***				3,820	4,620	4,510	4,850	5,200
Other Commercial Printing	1,260	2,130	3,120	4,460	6,770	6,260	7,000	6,570
Tissue Paper and Towels	1,090	2,080	2,300	2,960	2,970	2,980	3,120	3,100
Paper Plates and Cups	270	420	630	650	970	950	970	890
Plastic Plates and Cups†			190	650	780	810	860	890
Trash Bags**				780	780	860	810	840
Disposable Diapers	Neg.	350	1,930	2,700	3,010	3,050	3,140	3,200
Other Nonpackaging Paper	2,700	3,630	4,230	3,840	4,270	4,050	4,390	4,410
Clothing and Footwear	1,360	1,620	2,170	4,010	5,070	5,340	5,770	6,040
Towels, Sheets and Pillowcases**				710	740	750	750	750
Other Miscellaneous Nondurables	100	200	1,410	3,340	3,320	3,440	3,450	3,590
Total Nondurable Goods	17,330	25,060	34,420	52,170	57,250	55,510	59,280	60,280
Containers and Packaging	27,370	43,560	52,670	64,530	68,390	69,050	71,040	72,430
(Detail in Table 18)								
Total Product Wastes‡	54,620	83,280	108,890	146,510	156,780	156,220	163,540	167,080
Other Wastes	33,500	37,780	42,750	58,700	54,580	52,970	52,890	53,150
Total MSW Generated - Weight	88,120	121,060	151,640	205,210	211,360	209,190	216,430	220,230
	1000	10=0		cent of To			400=	1000
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	11.3%	12.1%	14.4%	14.5%	14.7%	15.1%	15.3%	15.6%
(Detail in Table 12)	<u> </u>	<u> </u>	<u> </u>		<u> </u>			
Nondurable Goods								
	Ω 10/	7 0%	7 30/	6.5%	6.2%	6.0%	6.2%	6.2%
Newspapers	8.1%	7.9%	7.3%	6.5%	6.2%	6.0%	6.2%	6.2%
Newspapers Books and Magazines	8.1% 2.2%	7.9% 2.0%	7.3% 2.2%					
Newspapers Books and Magazines Books**				0.5%	0.5%	0.4%	0.5%	0.5%
Newspapers Books and Magazines Books** Magazines**	2.2%	2.0%	2.2%	0.5% 1.4%	0.5% 1.2%	0.4% 0.9%	0.5% 1.0%	0.5% 1.0%
Newspapers Books and Magazines Books** Magazines** Office Papers				0.5% 1.4% 3.1%	0.5% 1.2% 3.1%	0.4% 0.9% 3.1%	0.5% 1.0% 3.2%	0.5% 1.0% 3.2%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories**	2.2%	2.0%	2.2%	0.5% 1.4% 3.1% 0.3%	0.5% 1.2% 3.1% 0.2%	0.4% 0.9% 3.1% 0.2%	0.5% 1.0% 3.2% 0.2%	0.5% 1.0% 3.2% 0.3%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail***	2.2% 1.7%	2.0%	2.2%	0.5% 1.4% 3.1% 0.3% 1.9%	0.5% 1.2% 3.1% 0.2% 2.2%	0.4% 0.9% 3.1% 0.2% 2.2%	0.5% 1.0% 3.2% 0.2% 2.2%	0.5% 1.0% 3.2% 0.3% 2.4%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing	2.2% 1.7% 1.4%	2.0% 2.2% 1.8%	2.2% 2.6% 2.1%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels	2.2% 1.7% 1.4% 1.2%	2.0% 2.2% 1.8% 1.7%	2.2% 2.6% 2.1% 1.5%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2% 1.4%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2% 1.4%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0% 1.4%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2% 1.4%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0% 1.4%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups	2.2% 1.7% 1.4%	2.0% 2.2% 1.8%	2.2% 2.6% 2.1% 1.5% 0.4%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2% 1.4% 0.3%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2% 1.4% 0.5%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0% 1.4% 0.5%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2% 1.4% 0.4%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0% 1.4% 0.4%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups†	2.2% 1.7% 1.4% 1.2%	2.0% 2.2% 1.8% 1.7%	2.2% 2.6% 2.1% 1.5%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2% 1.4% 0.3% 0.3%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2% 1.4% 0.5% 0.4%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0% 1.4% 0.5% 0.4%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2% 1.4% 0.4%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0% 1.4% 0.4%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags**	1.7% 1.4% 1.2% 0.3%	2.0% 2.2% 1.8% 1.7% 0.3%	2.2% 2.6% 2.1% 1.5% 0.4%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2% 1.4% 0.3%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2% 1.4% 0.5%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0% 1.4% 0.5% 0.4%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2% 1.4% 0.4% 0.4%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0% 1.4% 0.4% 0.4%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers	1.7% 1.4% 1.2% 0.3%	2.0% 2.2% 1.8% 1.7% 0.3%	2.2% 2.6% 2.1% 1.5% 0.4% 0.1%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2% 1.4% 0.3% 0.3% 0.4% 1.3%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2% 1.4% 0.5% 0.4% 0.4%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0% 1.4% 0.5% 0.4% 0.4%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2% 1.4% 0.4% 0.4% 1.5%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0% 1.4% 0.4% 0.4% 0.4%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper	2.2% 1.7% 1.4% 1.2% 0.3%  Neg. 3.1%	2.0% 2.2% 1.8% 1.7% 0.3% 0.3% 3.0%	2.2% 2.6% 2.1% 1.5% 0.4% 0.1% 1.3% 2.8%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2% 1.4% 0.3% 0.3% 0.4% 1.3% 1.9%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2% 1.4% 0.5% 0.4% 0.4% 1.4% 2.0%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0% 1.4% 0.5% 0.4% 0.4% 1.5%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2% 1.4% 0.4% 0.4% 1.5% 2.0%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0% 1.4% 0.4% 0.4% 0.4% 1.5% 2.0%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear	1.7% 1.4% 1.2% 0.3%	2.0% 2.2% 1.8% 1.7% 0.3%	2.2% 2.6% 2.1% 1.5% 0.4% 0.1%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2% 1.4% 0.3% 0.3% 0.4% 1.3% 1.9% 2.0%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2% 1.4% 0.5% 0.4% 0.4% 1.4% 2.0% 2.4%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0% 1.4% 0.5% 0.4% 1.5% 1.9% 2.6%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2% 1.4% 0.4% 0.4% 1.5% 2.0% 2.7%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0% 1.4% 0.4% 0.4% 1.5% 2.0% 2.7%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper	2.2% 1.7% 1.4% 1.2% 0.3% Neg. 3.1% 1.5%	2.0% 2.2% 1.8% 1.7% 0.3% 0.3% 3.0% 1.3%	2.2% 2.6% 2.1% 1.5% 0.4% 0.1% 1.3% 2.8% 1.4%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2% 1.4% 0.3% 0.3% 0.4% 1.3% 1.9% 2.0% 0.3%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2% 1.4% 0.5% 0.4% 0.4% 2.0% 2.4% 0.4%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0% 1.4% 0.5% 0.4% 1.5% 1.9% 2.6% 0.4%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2% 1.4% 0.4% 0.4% 0.4% 2.0% 2.7% 0.3%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0% 1.4% 0.4% 0.4% 0.4% 2.0% 2.7% 0.3%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases**	2.2% 1.7% 1.4% 1.2% 0.3%  Neg. 3.1% 1.5% 0.1%	2.0% 2.2% 1.8% 1.7% 0.3% 0.3% 3.0% 1.3% 0.2%	2.2% 2.6% 2.1% 1.5% 0.4% 0.1% 1.3% 2.8% 1.4% 0.9%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2% 1.4% 0.3% 0.3% 0.4% 1.3% 1.9% 2.0%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2% 1.4% 0.5% 0.4% 0.4% 1.4% 2.0% 2.4%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0% 1.4% 0.5% 0.4% 1.5% 1.9% 2.6% 0.4% 1.6%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2% 1.4% 0.4% 0.4% 0.4% 2.0% 2.7% 0.3% 1.6%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0% 1.4% 0.4% 0.4% 0.4% 2.0% 2.7% 0.3% 1.6%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables	2.2% 1.7% 1.4% 1.2% 0.3% Neg. 3.1% 1.5%	2.0% 2.2% 1.8% 1.7% 0.3% 0.3% 3.0% 1.3%	2.2% 2.6% 2.1% 1.5% 0.4% 0.1% 1.3% 2.8% 1.4%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2% 1.4% 0.3% 0.3% 0.4% 1.3% 1.9% 2.0% 0.3% 1.6%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2% 1.4% 0.5% 0.4% 0.4% 2.0% 2.4% 0.4% 1.6%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0% 1.4% 0.5% 0.4% 1.5% 1.9% 2.6% 0.4%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2% 1.4% 0.4% 0.4% 0.4% 2.0% 2.7% 0.3%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0% 1.4% 0.4% 0.4% 0.4% 2.0% 2.7% 0.3%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables Total Nondurables	2.2%  1.7%  1.4%  1.2%  0.3%  Neg.  3.1%  1.5%  0.1%  19.7%	2.0%  2.2%  1.8% 1.7% 0.3%  0.3% 3.0% 1.3%  0.2% 20.7%	2.2% 2.6% 2.1% 1.5% 0.4% 0.1% 1.3% 2.8% 1.4% 0.9% 22.7%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2% 1.4% 0.3% 0.3% 0.4% 1.3% 1.9% 2.0% 0.3% 1.6%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2% 1.4% 0.5% 0.4% 0.4% 2.0% 2.4% 0.4% 1.6% 27.1%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0% 1.4% 0.4% 0.4% 1.5% 1.9% 2.6% 0.4% 1.6%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2% 1.4% 0.4% 0.4% 0.4% 2.0% 2.7% 0.3% 1.6% 27.4%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0% 1.4% 0.4% 0.4% 0.4% 0.4% 1.5% 2.0% 2.7% 0.3% 1.6%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables Total Nondurables Containers and Packaging	2.2%  1.7%  1.4%  1.2%  0.3%  Neg.  3.1%  1.5%  0.1%  19.7%	2.0%  2.2%  1.8% 1.7% 0.3%  0.3% 3.0% 1.3%  0.2% 20.7%	2.2% 2.6% 2.1% 1.5% 0.4% 0.1% 1.3% 2.8% 1.4% 0.9% 22.7%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2% 1.4% 0.3% 0.3% 0.4% 1.3% 1.9% 2.0% 0.3% 1.6%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2% 1.4% 0.5% 0.4% 0.4% 2.0% 2.4% 0.4% 1.6% 27.1%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0% 1.4% 0.4% 0.4% 1.5% 1.9% 2.6% 0.4% 1.6%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2% 1.4% 0.4% 0.4% 0.4% 2.0% 2.7% 0.3% 1.6% 27.4%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0% 1.4% 0.4% 0.4% 0.4% 0.4% 1.5% 2.0% 2.7% 0.3% 1.6%
Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables Total Nondurables Containers and Packaging (Detail in Table 19)	2.2%  1.7%  1.4% 1.2% 0.3%  Neg. 3.1% 1.5%  0.1%  19.7% 31.1%	2.0%  2.2%  1.8% 1.7% 0.3%  0.3% 3.0% 1.3%  0.2%  20.7% 36.0%	2.2% 2.6% 2.1% 1.5% 0.4% 0.1% 1.3% 2.8% 1.4% 0.9% 22.7% 34.7%	0.5% 1.4% 3.1% 0.3% 1.9% 2.2% 1.4% 0.3% 0.3% 0.4% 1.3% 1.9% 2.0% 0.3% 1.6% 25.4% 31.4%	0.5% 1.2% 3.1% 0.2% 2.2% 3.2% 1.4% 0.5% 0.4% 0.4% 2.0% 2.4% 0.4% 1.6% 27.1%	0.4% 0.9% 3.1% 0.2% 2.2% 3.0% 1.4% 0.5% 0.4% 1.5% 1.9% 2.6% 0.4% 1.6% 26.5% 33.0%	0.5% 1.0% 3.2% 0.2% 2.2% 3.2% 1.4% 0.4% 0.4% 0.4% 2.0% 2.7% 0.3% 1.6% 27.4% 32.8%	0.5% 1.0% 3.2% 0.3% 2.4% 3.0% 1.4% 0.4% 0.4% 2.0% 2.7% 0.3% 1.6% 27.4% 32.9%

<sup>\*</sup> Generation before materials recovery or combustion. Does not include construction & demolition debris, industrial process wastes, or certain other wastes. Details may not add to totals due to rounding.

\*\* Not estimated separately prior to 1990.

\*\*\* Not estimated separately prior to 1990. Formerly called Third Class Mail by the U.S. Postal Service.

† Not estimated separately prior to 1980.

Other than food products.

Neg. = Less than 5,000 tons or 0.05 percent.

Table 16

### RECOVERY\* OF PRODUCTS IN MUNICIPAL SOLID WASTE, 1960 TO 1998 (WITH DETAIL ON NONDURABLE GOODS)

(In thousands of tons and percent of generation of each product)

			•	Thousand	ls of Tons	<u> </u>		
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	350	940	1,360	3,460	5,010	5,300	5,660	5,740
(Detail in Table 13)								
Nondurable Goods	•		•	•				
Newspapers	1,820	2,250	3,020	5,110	7,010	6,800	7,340	7,680
Books and Magazines	100	260	280					
Books**				100	220	170	160	160
Magazines**				300	650	470	440	470
Office Papers	250	710	870	1,700	3,040	3,490	3,500	3,550
Directories**				40	60	60	60	100
Standard (A) Mail***				200	710	770	880	980
Other Commercial Printing	130	340	350	700	1,120	950	750	420
Tissue Paper and Towels	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Paper Plates and Cups	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Plastic Plates and Cups†			Neg.	10	10	10	Neg.	Neg.
Trash Bags**				Neg.	Neg.	Neg.	Neg.	Neg.
Disposable Diapers				Neg.	Neg.	Neg.	Neg.	Neg.
Other Nonpackaging Paper	40	110	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Clothing and Footwear	50	60	150	520	660	700	760	800
Towels, Sheets and Pillowcases**				120	130	130	130	130
Other Miscellaneous Nondurables	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Total Nondurable Goods	2,390	3,730	4,670	8,800	13,610	13,550	14,020	14,290
Containers and Packaging	2,870	3,350	8,490	16,780	26,720	27,540	27,620	29,000
(Detail in Table 20)								
Total Product Wastes‡	5,610	8,020	14,520	29,040	45,340	46,390	47,300	49,030
Other Wastes	Neg.	Neg.	Neg.	4,200	9,570	10,910	12,070	13,140
Total MSW Recovered - Weight	5,610	8,020	14,520	33,240	54,910	57,300	59,370	62,170
	9,510   6,020   14,520   53,240   54,910   57,300   59,570    Percent of Generation of Each Product							
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	<b>1960</b> 3.5%							<b>1998</b> 16.7%
Durable Goods (Detail in Table 13)		1970	1980	1990	1995	1996	1997	
Durable Goods (Detail in Table 13) Nondurable Goods	3.5%	<b>1970</b> 6.4%	<b>1980</b> 6.2%	<b>1990</b> 11.6%	<b>1995</b> 16.1%	<b>1996</b> 16.7%	<b>1997</b> 17.0%	16.7%
Durable Goods (Detail in Table 13) Nondurable Goods Newspapers	3.5% 25.6%	1970 6.4% 23.7%	1980 6.2% 27.3%	1990	1995	1996	1997	
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines	3.5%	<b>1970</b> 6.4%	<b>1980</b> 6.2%	1990 11.6% 38.0%	1995 16.1% 53.3%	1996 16.7% 54.1%	1997 17.0% 54.4%	16.7% 56.4%
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books**	3.5% 25.6%	1970 6.4% 23.7%	1980 6.2% 27.3%	1990 11.6% 38.0% 10.3%	1995 16.1% 53.3% 19.1%	1996 16.7% 54.1% 18.1%	1997 17.0% 54.4% 14.3%	16.7% 56.4% 14.0%
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines**	3.5% 25.6% 5.2%	1970 6.4% 23.7% 10.5%	1980 6.2% 27.3% 8.3%	1990 11.6% 38.0% 10.3% 10.6%	1995 16.1% 53.3% 19.1% 25.7%	1996 16.7% 54.1% 18.1% 23.9%	1997 17.0% 54.4% 14.3% 20.4%	16.7% 56.4% 14.0% 20.8%
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers	3.5% 25.6%	1970 6.4% 23.7%	1980 6.2% 27.3%	1990 11.6% 38.0% 10.3% 10.6% 26.5%	1995 16.1% 53.3% 19.1% 25.7% 45.8%	1996 16.7% 54.1% 18.1% 23.9% 53.1%	1997 17.0% 54.4% 14.3% 20.4% 50.5%	16.7% 56.4% 14.0% 20.8% 50.4%
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories**	3.5% 25.6% 5.2%	1970 6.4% 23.7% 10.5%	1980 6.2% 27.3% 8.3%	1990 11.6% 38.0% 10.3% 10.6% 26.5% 6.6%	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2%	1996 16.7% 54.1% 18.1% 23.9% 53.1% 12.8%	1997 17.0% 54.4% 14.3% 20.4% 50.5% 12.8%	16.7% 56.4% 14.0% 20.8% 50.4% 13.5%
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail***	3.5% 25.6% 5.2% 16.4%	1970 6.4% 23.7% 10.5% 26.8%	1980 6.2% 27.3% 8.3% 21.8%	1990 11.6% 38.0% 10.3% 10.6% 26.5% 6.6% 5.2%	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2% 15.4%	1996 16.7% 54.1% 18.1% 23.9% 53.1% 12.8% 17.1%	1997 17.0% 54.4% 14.3% 20.4% 50.5% 12.8% 18.1%	16.7% 56.4% 14.0% 20.8% 50.4% 13.5% 18.8%
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing	3.5% 25.6% 5.2% 16.4%	1970 6.4% 23.7% 10.5% 26.8%	1980 6.2% 27.3% 8.3% 21.8%	1990 11.6% 38.0% 10.3% 10.6% 26.5% 6.6% 5.2% 15.7%	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2% 15.4% 16.5%	1996 16.7% 54.1% 18.1% 23.9% 53.1% 12.8% 17.1% 15.2%	1997 17.0% 54.4% 14.3% 20.4% 50.5% 12.8% 18.1% 10.7%	16.7% 56.4% 14.0% 20.8% 50.4% 13.5% 18.8% 6.4%
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels	3.5% 25.6% 5.2% 16.4% 10.3% Neg.	1970 6.4% 23.7% 10.5% 26.8% 16.0% Neg.	1980 6.2% 27.3% 8.3% 21.8% 11.2% Neg.	1990 11.6% 38.0% 10.3% 10.6% 26.5% 6.6% 5.2% 15.7% Neg.	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2% 15.4% 16.5% Neg.	1996 16.7% 54.1% 18.1% 23.9% 53.1% 12.8% 17.1% 15.2% Neg.	1997 17.0% 54.4% 14.3% 20.4% 50.5% 12.8% 18.1% 10.7% Neg.	16.7% 56.4% 14.0% 20.8% 50.4% 13.5% 18.8% 6.4% Neg.
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups	3.5% 25.6% 5.2% 16.4%	1970 6.4% 23.7% 10.5% 26.8%	1980 6.2% 27.3% 8.3% 21.8% 11.2% Neg.	1990 11.6% 38.0% 10.3% 10.6% 26.5% 6.6% 5.2% 15.7% Neg.	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2% 15.4% 16.5% Neg. Neg.	1996 16.7% 54.1% 18.1% 23.9% 53.1% 12.8% 17.1% 15.2% Neg. Neg.	1997 17.0% 54.4% 14.3% 20.4% 50.5% 12.8% 18.1% 10.7% Neg.	16.7% 56.4% 14.0% 20.8% 50.4% 13.5% 18.8% 6.4% Neg.
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups†	3.5% 25.6% 5.2% 16.4% 10.3% Neg.	1970 6.4% 23.7% 10.5% 26.8% 16.0% Neg.	1980 6.2% 27.3% 8.3% 21.8% 11.2% Neg.	1990 11.6% 38.0% 10.3% 10.6% 26.5% 6.6% 5.2% 15.7% Neg. Neg. 1.5%	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2% 15.4% 16.5% Neg. Neg. 1.3%	1996 16.7% 54.1% 18.1% 23.9% 53.1% 12.8% 17.1% 15.2% Neg. Neg. 1.2%	1997 17.0% 54.4% 14.3% 20.4% 50.5% 12.8% 10.7% Neg. Neg. Neg.	16.7% 56.4% 14.0% 20.8% 50.4% 13.5% 18.8% 6.4% Neg. Neg.
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags**	3.5% 25.6% 5.2% 16.4% 10.3% Neg.	1970 6.4% 23.7% 10.5% 26.8% 16.0% Neg.	1980 6.2% 27.3% 8.3% 21.8% 11.2% Neg.	1990 11.6% 38.0% 10.3% 10.6% 26.5% 6.6% 5.2% 15.7% Neg. Neg. 1.5% Neg.	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2% 15.4% 16.5% Neg. Neg. Neg.	1996 16.7% 54.1% 18.1% 23.9% 53.1% 12.8% 17.1% Neg. Neg. 1.2% Neg.	1997 17.0% 54.4% 14.3% 20.4% 50.5% 12.8% 10.7% Neg. Neg. Neg. Neg.	16.7%  56.4%  14.0% 20.8% 50.4% 13.5% 18.8% 6.4% Neg. Neg. Neg. Neg.
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers	3.5% 25.6% 5.2% 16.4% 10.3% Neg.	23.7% 10.5% 26.8% 16.0% Neg.	27.3% 8.3% 21.8% 11.2% Neg. Neg.	1990 11.6% 10.3% 10.6% 26.5% 6.6% 5.2% 15.7% Neg. Neg. Neg. Neg.	1995 16.1% 53.3% 19.1% 25.7% 45.8% 15.4% 16.5% Neg. Neg. 1.3% Neg. Neg.	1996 16.7% 54.1% 18.1% 23.9% 53.1% 17.1% 15.2% Neg. Neg. 1.2% Neg. Neg.	1997 17.0% 54.4% 14.3% 20.4% 50.5% 12.8% 10.7% Neg. Neg. Neg. Neg. Neg.	16.7%  56.4%  14.0% 20.8% 50.4% 13.5% 18.8% 6.4% Neg. Neg. Neg. Neg. Neg.
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups Trash Bags** Disposable Diapers Other Nonpackaging Paper	3.5% 25.6% 5.2% 16.4% 10.3% Neg. Neg.	1970 6.4% 23.7% 10.5% 26.8% 16.0% Neg. Neg.	27.3% 8.3% 21.8% 11.2% Neg. Neg.	1990 11.6% 10.3% 10.6% 26.5% 6.6% 5.2% Neg. Neg. Neg. Neg. Neg. Neg.	1995 16.1% 53.3% 19.1% 25.7% 45.8% 15.2% 16.5% Neg. Neg. Neg. Neg. Neg. Neg.	1996 16.7% 18.1% 23.9% 53.1% 17.18% 15.2% Neg. Neg. Neg. Neg. Neg. Neg.	1997 17.0% 54.4% 14.3% 20.4% 50.5% 18.1% 10.7% Neg. Neg. Neg. Neg. Neg.	16.7%  56.4%  14.0% 20.8% 50.4% 13.5% 18.8% 6.4% Neg. Neg. Neg. Neg. Neg. Neg.
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear	3.5% 25.6% 5.2% 16.4% 10.3% Neg.	23.7% 10.5% 26.8% 16.0% Neg.	27.3% 8.3% 21.8% 11.2% Neg. Neg.	1990 11.6% 10.3% 10.6% 26.5% 6.6% 5.2% 15.7% Neg. Neg. Neg. Neg. Neg. Neg.	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2% 15.4% 16.5% Neg. Neg. Neg. Neg. Neg. Neg. Neg.	1996 16.7% 18.1% 23.9% 53.1% 17.1% 15.2% Neg. Neg. 1.2% Neg. Neg. Neg. Neg. Neg.	1997 17.0% 54.4% 14.3% 20.4% 50.5% 12.8% 10.7% Neg. Neg. Neg. Neg. Neg. Neg. Neg.	16.7%  56.4%  14.0% 20.8% 50.4% 13.5% 18.8% 6.4% Neg. Neg. Neg. Neg. Neg. Neg. 13.2%
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases**	3.5%  25.6% 5.2%  16.4%  10.3% Neg. Neg. Neg.	1970 6.4% 23.7% 10.5% 26.8% 16.0% Neg. Neg.	27.3% 8.3% 21.8% 11.2% Neg. Neg. Neg.	1990 11.6% 10.3% 10.6% 26.5% 6.6% 5.2% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2% 15.4% 16.5% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.	1996 16.7% 18.1% 23.9% 53.1% 12.8% 17.1% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.	1997 17.0% 54.4% 14.3% 20.4% 50.5% 12.8% 10.7% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.	16.7%  56.4%  14.0% 20.8% 50.4% 13.5% 18.8% 6.4% Neg. Neg. Neg. Neg. Neg. 13.2% 17.3%
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables	3.5%  25.6% 5.2%  16.4%  10.3%  Neg.  Neg.  Neg.	1970 6.4% 23.7% 10.5% 26.8% 16.0% Neg. Neg.	1980 6.2% 27.3% 8.3% 21.8% 11.2% Neg. Neg. Neg. Neg.	1990 11.6% 10.3% 10.6% 26.5% 6.6% 5.2% Neg. Neg. 1.5% Neg. Neg. Neg. 1.5% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2% 15.4% 16.5% Neg. Neg. Neg. 1.3% Neg. Neg. 1.3% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.	1996 16.7%  54.1%  18.1% 23.9% 53.1% 12.8% 17.1% Neg. Neg. Neg. 1.2% Neg. Neg. 13.1% 17.3% Neg.	1997 17.0%  54.4%  14.3% 20.4% 50.5% 12.8% 10.7% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.	16.7%  56.4%  14.0% 20.8% 50.4% 13.5% 18.8% 6.4% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables	3.5%  25.6% 5.2%  16.4%  10.3%  Neg.  Neg.  Neg.  Neg.  1.5%  Neg.	1970 6.4% 23.7% 10.5% 26.8% 16.0% Neg. Neg. Neg.	1980 6.2% 27.3% 8.3% 21.8% 11.2% Neg. Neg. Neg. Neg.	1990 11.6% 10.3% 10.6% 26.5% 6.6% 5.2% Neg. Neg. 1.5% Neg. Neg. 1.5% Neg. Neg. Neg. 13.0% 16.9% Neg.	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2% 16.5% Neg. Neg. 1.3% Neg. Neg. 13.0% 17.6% Neg. 23.8%	1996 16.7%  54.1%  18.1% 23.9% 53.1% 12.8% 17.1% 15.2% Neg. Neg. 1.2% Neg. Neg. 1.2% Neg. Neg. 13.1% 17.3% Neg. 24.4%	1997 17.0%  54.4%  14.3% 20.4% 50.5% 12.8% 18.1% 10.7% Neg. Neg. Neg. Neg. Neg. 13.2% 17.3% Neg. 23.7%	16.7%  56.4%  14.0% 20.8% 50.4% 13.5% 18.8% 6.4% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables Total Nondurables Containers and Packaging	3.5%  25.6% 5.2%  16.4%  10.3%  Neg.  Neg.  Neg.	1970 6.4% 23.7% 10.5% 26.8% 16.0% Neg. Neg.	1980 6.2% 27.3% 8.3% 21.8% 11.2% Neg. Neg. Neg. Neg.	1990 11.6% 10.3% 10.6% 26.5% 6.6% 5.2% Neg. Neg. 1.5% Neg. Neg. Neg. 1.5% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2% 15.4% 16.5% Neg. Neg. Neg. 1.3% Neg. Neg. 1.3% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.	1996 16.7%  54.1%  18.1% 23.9% 53.1% 12.8% 17.1% Neg. Neg. Neg. 1.2% Neg. Neg. 13.1% 17.3% Neg.	1997 17.0%  54.4%  14.3% 20.4% 50.5% 12.8% 10.7% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.	16.7%  56.4%  14.0% 20.8% 50.4% 13.5% 18.8% 6.4% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups Plastic Plates and Cups Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables Total Nondurables Containers and Packaging (Detail in Table 21)	3.5%  25.6% 5.2%  16.4%  10.3%  Neg.  Neg.  1.5%  Neg.  1.5%  Neg.	1970 6.4% 23.7% 10.5% 26.8% 16.0% Neg. Neg. Neg. Neg.	1980 6.2% 27.3% 8.3% 21.8% 21.8% 11.2% Neg. Neg. Neg. Neg. 13.6% 16.1%	1990 11.6% 10.3% 10.6% 26.5% 6.6% 5.2% 15.7% Neg. Neg. 1.5% Neg. Neg. 16.9% 16.9% Neg.	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2% 16.5% Neg. Neg. 1.3% Neg. Neg. 13.0% 17.6% Neg. 23.8% 39.1%	1996 16.7%  54.1%  18.1% 23.9% 53.1% 12.8% 17.1% 15.2% Neg. Neg. 1.2% Neg. 1.2% Neg. 1.2% Neg. 31.1% 17.3% Neg. 13.1% 17.3% 17.3% 17.3% 17.3% 17.3% 17.3% 17.3%	1997 17.0%  54.4%  14.3% 20.4% 50.5% 12.8% 18.1% 10.7% Neg. Neg. Neg. Neg. Neg. Neg. Neg. 13.2% 17.3% Neg. 38.9%	16.7%  56.4%  14.0% 20.8% 50.4% 13.5% 18.8% 6.4% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.
Durable Goods (Detail in Table 13)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables Total Nondurables Containers and Packaging	3.5%  25.6% 5.2%  16.4%  10.3%  Neg.  Neg.  Neg.  Neg.  1.5%  Neg.	1970 6.4% 23.7% 10.5% 26.8% 16.0% Neg. Neg. Neg.	1980 6.2% 27.3% 8.3% 21.8% 11.2% Neg. Neg. Neg. Neg.	1990 11.6% 10.3% 10.6% 26.5% 6.6% 5.2% Neg. Neg. 1.5% Neg. Neg. 1.5% Neg. Neg. Neg. 13.0% 16.9% Neg.	1995 16.1% 53.3% 19.1% 25.7% 45.8% 12.2% 16.5% Neg. Neg. 1.3% Neg. Neg. 13.0% 17.6% Neg. 23.8%	1996 16.7%  54.1%  18.1% 23.9% 53.1% 12.8% 17.1% 15.2% Neg. Neg. 1.2% Neg. Neg. 1.2% Neg. Neg. 13.1% 17.3% Neg. 24.4%	1997 17.0%  54.4%  14.3% 20.4% 50.5% 12.8% 18.1% 10.7% Neg. Neg. Neg. Neg. Neg. 13.2% 17.3% Neg. 23.7%	16.7%  56.4%  14.0% 20.8% 50.4% 13.5% 18.8% 6.4% Neg. Neg. Neg. Neg. Neg. Neg. Neg. Neg.

<sup>\*</sup> Recovery of postconsumer wastes; does not include converting/fabrication scrap.

\*\* Not estimated separately prior to 1990.

\*\*\* Not estimated separately prior to 1990. Formerly called Third Class Mail by the U.S. Postal Service.

† Not estimated separately prior to 1980.

† Other than food products.

Neg. = Less than 5,000 tons or 0.05 percent.

Table 17

### PRODUCTS DISCARDED\* IN THE MUNICIPAL WASTE STREAM, 1960 TO 1998 (WITH DETAIL ON NONDURABLE GOODS)

(In thousands of tons and percent of total discards)

				Thousand	ds of Tons	<u> </u>		
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	9,570	13,720	20,440	26,350	26,130	26,360	27,560	28,630
(Detail in Table 14)	-,	,	,,					
Nondurable Goods		!		!	!	ļ	!	!
Newspapers	5,290	7,260	8,030	8,320	6,130	5,760	6,150	5,940
Books and Magazines	1,820	2,210	3,110	-,	-,	-,	-,	- ,
Books**	.,	_,	-,	870	930	770	960	980
Magazines**				2,530	1,880	1,500	1,720	1,790
Office Papers	1,270	1,940	3,130	4,710	3,600	3,080	3,430	3,490
Directories**	1,2.0	1,0.0	0,.00	570	430	410	410	640
Standard (A) Mail***				3,620	3,910	3,740	3,970	4,220
Other Commercial Printing	1,130	1,790	2,770	3,760	5,650	5,310	6,250	6,150
Tissue Paper and Towels	1,090	2,080	2,300	2,960	2,970	2,980	3,120	3,100
Paper Plates and Cups	270	420	630	650	970	950	970	890
Plastic Plates and Cups†		120	190	640	770	800	860	890
Trash Bags**			130	780	780	860	810	840
Disposable Diapers	Neg.	350	1,930	2,700	3,010	3,050	3,140	3,200
Other Nonpackaging Paper	2,660		4,230		4,270			4,410
Clothing and Footwear	1,310	3,520 1,560	2,020	3,840 3,490	4,270	4,050 4,640	4,390 5,010	5,240
Towels, Sheets and Pillowcases**	1,310	1,300	2,020	590	610	620	620	620
Other Miscellaneous Nondurables	100	200	1 410	3,340	3,320	3,440	3,450	3,590
Total Nondurable Goods			1,410		43,640			
	14,940 24,500	21,330 40,210	29,750 44,180	43,370 47,750	43,640	41,960 41,510	45,260 43,420	45,990 43,430
Containers and Packaging (Detail in Table 22)	24,500	40,210	44,160	47,750	41,070	41,510	43,420	43,430
Total Product Wastes‡	49,010	75.000	04 270	117 170	111 110	100 020	116 010	118,050
·		75,260	94,370	117,470	111,440	109,830	116,240	
Other Wastes	33,500	37,780	42,750	54,500 171,970	45,010 156,450	42,060	40,820	40,010
Total MSW Discarded - Weight	82,510	113,040	137,120		· · · · · ·	151,890	157,060	158,060
			Pe	rcent ot I	otal Disca	rde		
Products	1960	1970					1997	1008
Products Durable Goods	1960 11.6%	1970	1980	1990	1995	1996	1997 17.5%	1998
Durable Goods	<b>1960</b> 11.6%	<b>1970</b> 12.1%					<b>1997</b> 17.5%	<b>1998</b> 18.1%
Durable Goods (Detail in Table 14)			1980	1990	1995	1996		
Durable Goods (Detail in Table 14) Nondurable Goods	11.6%	12.1%	<b>1980</b> 14.9%	<b>1990</b> 15.3%	<b>1995</b> 16.7%	<b>1996</b> 17.4%	17.5%	18.1%
Durable Goods (Detail in Table 14) Nondurable Goods Newspapers	11.6% 6.4%	12.1%	1980 14.9% 5.9%	1990	1995	1996		
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines	11.6%	12.1%	<b>1980</b> 14.9%	1990 15.3% 4.8%	1995 16.7% 3.9%	1996 17.4% 3.8%	17.5% 3.9%	3.8%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books**	11.6% 6.4%	12.1%	1980 14.9% 5.9%	1990 15.3% 4.8% 0.5%	1995 16.7% 3.9% 0.6%	1996 17.4% 3.8% 0.5%	3.9% 0.6%	3.8% 0.6%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines**	6.4% 2.2%	6.4% 2.0%	1980 14.9% 5.9% 2.3%	1990 15.3% 4.8% 0.5% 1.5%	1995 16.7% 3.9% 0.6% 1.2%	1996 17.4% 3.8% 0.5% 1.0%	3.9% 0.6% 1.1%	3.8% 0.6% 1.1%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers	11.6% 6.4%	12.1%	1980 14.9% 5.9%	1990 15.3% 4.8% 0.5% 1.5% 2.7%	1995 16.7% 3.9% 0.6% 1.2% 2.3%	1996 17.4% 3.8% 0.5% 1.0% 2.0%	3.9% 0.6% 1.1% 2.2%	3.8% 0.6% 1.1% 2.2%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories**	6.4% 2.2%	6.4% 2.0%	1980 14.9% 5.9% 2.3%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3%	1995 16.7% 3.9% 0.6% 1.2% 2.3% 0.3%	1996 17.4% 3.8% 0.5% 1.0% 2.0% 0.3%	3.9% 0.6% 1.1% 2.2% 0.3%	3.8% 0.6% 1.1% 2.2% 0.4%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail***	6.4% 2.2% 1.5%	6.4% 2.0%	1980 14.9% 5.9% 2.3%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1%	3.9% 0.6% 1.2% 2.3% 0.3% 2.5%	3.8% 0.5% 1.0% 2.0% 0.3% 2.5%	3.9% 0.6% 1.1% 2.2% 0.3% 2.5%	3.8% 0.6% 1.1% 2.2% 0.4% 2.7%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing	11.6% 6.4% 2.2% 1.5%	12.1% 6.4% 2.0% 1.7%	1980 14.9% 5.9% 2.3% 2.3%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 2.2%	3.9% 0.6% 1.2% 2.3% 0.3% 2.5% 3.6%	3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5%	3.9% 0.6% 1.1% 2.2% 0.3% 2.5% 4.0%	3.8% 0.6% 1.1% 2.2% 0.4% 2.7% 3.9%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels	11.6% 6.4% 2.2% 1.5% 1.4% 1.3%	12.1% 6.4% 2.0% 1.7% 1.6% 1.8%	1980 14.9% 5.9% 2.3% 2.3% 2.0% 1.7%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 2.2% 1.7%	3.9% 0.6% 1.2% 2.3% 0.3% 2.5% 3.6% 1.9%	3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5% 2.0%	3.9% 0.6% 1.1% 2.2% 0.3% 2.5% 4.0% 2.0%	3.8% 0.6% 1.1% 2.2% 0.4% 2.7% 3.9% 2.0%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups	11.6% 6.4% 2.2% 1.5%	12.1% 6.4% 2.0% 1.7%	1980 14.9% 5.9% 2.3% 2.3% 2.0% 1.7% 0.5%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.11% 2.2% 1.7% 0.4%	3.9% 0.6% 1.2% 2.3% 0.3% 2.5% 3.6% 1.9% 0.6%	3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5% 2.0% 0.6%	3.9% 0.6% 1.1% 2.2% 0.3% 2.5% 4.0% 2.0% 0.6%	3.8% 0.6% 1.1% 2.2% 0.4% 2.7% 3.9% 2.0% 0.6%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups†	11.6% 6.4% 2.2% 1.5% 1.4% 1.3%	12.1% 6.4% 2.0% 1.7% 1.6% 1.8%	1980 14.9% 5.9% 2.3% 2.3% 2.0% 1.7%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 2.2% 1.7% 0.4% 0.4%	1995 16.7% 3.9% 0.6% 1.2% 2.3% 0.3% 2.5% 3.6% 1.9% 0.6% 0.5%	1996 17.4% 3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5% 2.0% 0.6% 0.5%	17.5%  3.9%  0.6% 1.1% 2.2% 0.3% 2.5% 4.0% 2.0% 0.6% 0.5%	3.8% 0.6% 1.1% 2.2% 0.4% 2.7% 3.9% 2.0% 0.6%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags**	11.6% 6.4% 2.2% 1.5% 1.4% 1.3% 0.3%	12.1% 6.4% 2.0% 1.7% 1.6% 1.8% 0.4%	1980 14.9% 5.9% 2.3% 2.3% 2.0% 1.7% 0.5% 0.1%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 2.2% 1.7% 0.4% 0.4%	1995 16.7% 3.9% 0.6% 1.2% 2.3% 0.3% 2.5% 3.6% 1.9% 0.6% 0.5%	1996 17.4% 3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5% 2.0% 0.6% 0.5%	3.9% 0.6% 1.1% 2.2% 0.3% 2.5% 4.0% 2.0% 0.6% 0.5%	3.8% 0.6% 1.1% 2.2% 0.4% 2.7% 3.9% 2.0% 0.6% 0.6% 0.5%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups Trash Bags** Disposable Diapers	11.6% 6.4% 2.2% 1.5% 1.4% 1.3% 0.3% Neg.	12.1% 6.4% 2.0% 1.7% 1.6% 1.8% 0.4%	1980 14.9% 5.9% 2.3% 2.3% 2.0% 1.7% 0.5% 0.1%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 2.2% 1.7% 0.4% 0.4% 0.5% 1.6%	1995 16.7% 0.6% 1.2% 0.3% 2.5% 3.6% 1.9% 0.6% 0.5% 0.5% 1.9%	1996 17.4% 3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5% 2.0% 0.6% 0.5% 0.6% 2.0%	17.5%  3.9%  0.6% 1.1% 2.2% 0.3% 4.0% 2.5% 4.0% 0.6% 0.5% 0.5% 2.0%	3.8% 0.6% 1.1% 2.2% 0.4% 2.7% 2.0% 0.6% 0.6% 0.5% 2.0%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups Trash Bags** Disposable Diapers Other Nonpackaging Paper	11.6% 6.4% 2.2% 1.5% 1.4% 1.3% 0.3% Neg. 3.2%	12.1% 6.4% 2.0% 1.7% 1.6% 1.8% 0.4% 0.3% 3.1%	1980 14.9% 5.9% 2.3% 2.3% 2.0% 1.7% 0.5% 0.1% 1.4% 3.1%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 2.2% 1.7% 0.4% 0.5% 1.6% 2.2%	1995 16.7% 3.9% 0.6% 1.2% 2.3% 0.3% 2.5% 3.6% 1.9% 0.6% 0.5% 0.5% 1.9% 2.7%	1996 17.4% 3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5% 2.0% 0.6% 0.6% 2.0% 2.7%	3.9% 0.6% 1.1% 2.2% 0.3% 2.5% 4.0% 2.0% 0.6% 0.5% 0.5% 2.0% 2.8%	3.8% 0.6% 1.1% 2.2% 0.4% 2.7% 3.9% 2.0% 0.6% 0.5% 2.0% 2.8%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear	11.6% 6.4% 2.2% 1.5% 1.4% 1.3% 0.3% Neg.	12.1% 6.4% 2.0% 1.7% 1.6% 1.8% 0.4%	1980 14.9% 5.9% 2.3% 2.3% 2.0% 1.7% 0.5% 0.1%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 2.2% 0.4% 0.5% 1.6% 2.2% 2.0%	1995 16.7% 0.6% 1.2% 2.3% 0.3% 2.5% 3.6% 1.9% 0.6% 0.5% 0.5% 1.9% 2.7% 2.8%	1996 17.4% 3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5% 2.0% 0.6% 0.6% 2.0% 2.7% 3.1%	3.9% 0.6% 1.1% 2.2% 0.3% 2.5% 4.0% 2.0% 0.6% 0.5% 0.5% 2.0% 2.8% 3.2%	3.8%  0.6% 1.1% 2.2% 0.4% 2.7% 3.9% 2.0% 0.6% 0.6% 0.5% 2.0% 2.8% 3.3%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases**	11.6%  6.4% 2.2%  1.5%  1.4% 1.3% 0.3%  Neg. 3.2% 1.6%	12.1% 6.4% 2.0% 1.7% 1.6% 1.8% 0.4% 0.3% 3.1% 1.4%	1980 14.9% 5.9% 2.3% 2.3% 2.0% 1.7% 0.5% 0.1% 1.4% 3.1% 1.5%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 0.4% 0.4% 0.5% 1.6% 2.2% 2.0% 0.3%	3.9% 0.6% 1.2% 2.3% 0.3% 2.5% 0.6% 0.6% 0.5% 0.5% 1.9% 2.7% 2.8% 0.4%	1996 17.4% 3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 2.0% 0.6% 0.6% 2.0% 2.7% 3.1% 0.4%	3.9% 0.6% 1.1% 2.2% 0.3% 2.5% 4.0% 0.6% 0.5% 0.5% 2.0% 2.8% 3.2% 0.4%	3.8%  0.6% 1.1% 2.2% 0.4% 2.7% 3.9% 2.0% 0.6% 0.6% 0.5% 2.0% 2.8% 3.3% 0.4%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables	11.6%  6.4% 2.2%  1.5%  1.4% 1.3% 0.3%  Neg. 3.2% 1.6% 0.1%	12.1% 6.4% 2.0% 1.7% 1.6% 1.8% 0.4% 0.3% 3.1% 1.4% 0.2%	1980 14.9% 5.9% 2.3% 2.3% 2.3% 2.0% 1.7% 0.5% 0.1% 1.4% 3.1% 1.5%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 0.4% 0.4% 0.5% 1.6% 2.2% 2.0% 0.3% 1.9%	3.9% 0.6% 1.2% 2.3% 0.3% 2.5% 3.6% 0.5% 0.5% 0.5% 0.5% 0.4% 2.1%	1996 17.4% 3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5% 0.6% 0.6% 2.0% 2.7% 3.1% 0.4% 2.3%	3.9% 0.6% 1.1% 2.2% 0.3% 2.5% 4.0% 0.6% 0.5% 0.5% 2.0% 2.8% 3.2% 0.4% 2.2%	3.8%  0.6% 1.1% 2.2% 0.4% 2.7% 3.9% 2.0% 0.6% 0.5% 2.0% 2.8% 3.3% 0.4% 2.3%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables Total Nondurables	11.6%  6.4% 2.2%  1.5%  1.4% 1.3% 0.3%  Neg. 3.2% 1.6%  0.1% 18.1%	12.1% 6.4% 2.0% 1.7% 1.6% 1.8% 0.4% 0.3% 3.1% 1.4% 0.2% 18.9%	1980 14.9% 5.9% 2.3% 2.3% 2.3% 2.0% 1.7% 0.5% 0.1% 1.4% 3.1% 1.5% 1.7%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 0.4% 0.4% 0.5% 1.6% 2.2% 2.0% 0.3% 1.9%	3.9% 0.6% 1.2% 2.3% 0.3% 2.5% 3.6% 0.5% 0.5% 0.5% 0.4% 2.1% 27.9%	1996 17.4% 3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5% 0.6% 0.6% 2.0% 2.7% 3.1% 0.4% 2.3% 27.6%	17.5%  3.9%  0.6% 1.1% 2.2% 0.3% 2.5% 4.0% 0.6% 0.5% 0.5% 2.0% 2.8% 3.2% 0.4% 2.2% 28.8%	3.8%  0.6% 1.1% 2.2% 0.4% 2.7% 3.9% 2.0% 0.6% 0.5% 2.0% 2.8% 3.3% 0.4% 2.3% 29.1%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables Total Nondurables Containers and Packaging	11.6%  6.4% 2.2%  1.5%  1.4% 1.3% 0.3%  Neg. 3.2% 1.6% 0.1%	12.1% 6.4% 2.0% 1.7% 1.6% 1.8% 0.4% 0.3% 3.1% 1.4% 0.2%	1980 14.9% 5.9% 2.3% 2.3% 2.3% 2.0% 1.7% 0.5% 0.1% 1.4% 3.1% 1.5%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 0.4% 0.4% 0.5% 1.6% 2.2% 2.0% 0.3% 1.9%	3.9% 0.6% 1.2% 2.3% 0.3% 2.5% 3.6% 0.5% 0.5% 0.5% 0.5% 0.4% 2.1%	1996 17.4% 3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5% 0.6% 0.6% 2.0% 2.7% 3.1% 0.4% 2.3%	3.9% 0.6% 1.1% 2.2% 0.3% 2.5% 4.0% 0.6% 0.5% 0.5% 2.0% 2.8% 3.2% 0.4% 2.2%	3.8% 0.6% 1.1% 2.2% 0.4% 2.7% 3.9% 2.0% 0.6% 0.5% 2.0% 2.8% 3.3% 0.4% 2.3%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables Total Nondurables Containers and Packaging (Detail in Table 23)	11.6%  6.4% 2.2%  1.5%  1.4% 1.3% 0.3%  Neg. 3.2% 1.6%  0.1% 18.1% 29.7%	12.1%  6.4% 2.0%  1.7%  1.6% 1.8% 0.4%  0.3% 3.1% 1.4%  0.2% 18.9% 35.6%	1980 14.9% 5.9% 2.3% 2.3% 2.3% 1.7% 0.5% 0.1% 1.4% 3.11% 1.5% 1.7% 21.7% 32.2%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 2.2% 0.4% 0.4% 0.5% 1.6% 2.2% 2.0% 0.3% 1.9% 25.2% 27.8%	3.9% 0.6% 1.2% 2.3% 0.3% 2.5% 3.6% 0.6% 0.5% 0.5% 0.5% 2.7% 2.8% 0.4% 2.1% 27.9% 26.6%	1996 17.4% 3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5% 0.6% 0.6% 2.0% 2.7% 3.1% 0.4% 2.3% 27.6%	17.5%  3.9%  0.6% 1.1% 2.2% 0.3% 2.5% 4.0% 0.6% 0.5% 0.5% 2.0% 2.8% 3.2% 0.4% 2.2% 28.8% 27.6%	3.8%  0.6% 1.1% 2.2% 0.4% 2.7% 3.9% 0.6% 0.5% 2.0% 2.8% 3.3% 0.4% 2.3% 29.1%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables Total Nondurables Containers and Packaging (Detail in Table 23) Total Product Wastes‡	11.6%  6.4% 2.2%  1.5%  1.4% 1.3% 0.3%  Neg. 3.2% 1.6% 0.1% 18.1% 29.7%  59.4%	12.1%  6.4% 2.0%  1.7%  1.6% 1.8% 0.4%  0.3% 3.1% 1.4%  0.2% 18.9% 35.6%  66.6%	1980 14.9% 5.9% 2.3% 2.3% 2.0% 1.7% 0.5% 0.1% 1.4% 3.1% 1.5% 1.7% 21.7% 32.2% 68.8%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 2.2% 0.4% 0.4% 0.5% 1.6% 2.2% 2.0% 0.3% 1.9% 25.2% 27.8%	1995 16.7%  3.9% 0.6% 1.2% 2.3% 0.3% 2.5% 3.6% 1.9% 0.5% 0.5% 0.5% 2.7% 2.8% 0.4% 2.1% 27.9% 26.6%	1996 17.4% 3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5% 2.0% 0.6% 0.5% 0.6% 2.7% 3.1% 0.4% 2.3% 27.6% 27.3%	17.5%  3.9%  0.6% 1.1% 2.2% 0.3% 2.5% 4.0% 2.0% 0.5% 0.5% 2.0% 2.8% 3.2% 0.4% 2.2% 28.8% 27.6%	3.8%  0.6% 1.1% 2.2% 0.4% 2.7% 3.9% 2.0% 0.6% 0.5% 2.0% 2.8% 3.3% 0.4% 2.3% 29.1% 27.5%
Durable Goods (Detail in Table 14)  Nondurable Goods  Newspapers Books and Magazines Books** Magazines** Office Papers Directories** Standard (A) Mail*** Other Commercial Printing Tissue Paper and Towels Paper Plates and Cups Plastic Plates and Cups† Trash Bags** Disposable Diapers Other Nonpackaging Paper Clothing and Footwear Towels, Sheets and Pillowcases** Other Miscellaneous Nondurables Total Nondurables Containers and Packaging (Detail in Table 23)	11.6%  6.4% 2.2%  1.5%  1.4% 1.3% 0.3%  Neg. 3.2% 1.6%  0.1% 18.1% 29.7%	12.1%  6.4% 2.0%  1.7%  1.6% 1.8% 0.4%  0.3% 3.1% 1.4%  0.2% 18.9% 35.6%	1980 14.9% 5.9% 2.3% 2.3% 2.3% 1.7% 0.5% 0.1% 1.4% 3.11% 1.5% 1.7% 21.7% 32.2%	1990 15.3% 4.8% 0.5% 1.5% 2.7% 0.3% 2.1% 2.2% 0.4% 0.4% 0.5% 1.6% 2.2% 2.0% 0.3% 1.9% 25.2% 27.8%	3.9% 0.6% 1.2% 2.3% 0.3% 2.5% 3.6% 0.6% 0.5% 0.5% 0.5% 2.7% 2.8% 0.4% 2.1% 27.9% 26.6%	1996 17.4% 3.8% 0.5% 1.0% 2.0% 0.3% 2.5% 3.5% 0.6% 0.6% 2.0% 2.7% 3.1% 0.4% 2.3% 27.6%	17.5%  3.9%  0.6% 1.1% 2.2% 0.3% 2.5% 4.0% 0.6% 0.5% 0.5% 2.0% 2.8% 3.2% 0.4% 2.2% 28.8% 27.6%	3.8%  0.6% 1.1% 2.2% 0.4% 2.7% 3.9% 2.0% 0.6% 0.5% 2.0% 2.8% 3.3% 0.4% 2.3% 29.1% 27.5%

 <sup>\*</sup> Discards after materials and compost recovery. Does not include construction & demolition debris, industrial process wastes, or certain other wastes. Details may not add to totals due to rounding.

 \*\*\* Not estimated separately prior to 1990.

 \*\*\* Not estimated separately prior to 1990. Formerly called Third Class Mail by the U.S. Postal Service.

 † Not estimated separately prior to 1980.

 † Other than food products.

 Neg. = Less than 5,000 tons or 0.05 percent.

Table 18 PRODUCTS GENERATED\* IN THE MUNICIPAL WASTE STREAM, 1960 TO 1998 (WITH DETAIL ON CONTAINERS AND PACKAGING)

(In thousands of tons)

				Thousand	ds of Tons	5		
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	9,920	14,660	21,800	29,810	31,140	31,660	33,220	34,370
(Detail in Table 12)								
Nondurable Goods	17,330	25,060	34,420	52,170	57,250	55,510	59,280	60,280
(Detail in Table 15)								
Containers and Packaging								
Glass Packaging								
Beer and Soft Drink Bottles	1,400	5,580	6,740	5,640	5,120	5,100	4,960	5,350
Wine and Liquor Bottles	1,080	1,900	2,450	2,030	1,790	1,940	1,820	1,770
Food and Other Bottles & Jars	3,710	4,440	4,780	4,160	4,620	3,940	3,830	3,880
Total Glass Packaging	6,190	11,920	13,970	11,830	11,530	10,980	10,610	11,000
Steel Packaging								
Beer and Soft Drink Cans	640	1,570	520	150	Neg.	Neg.	Neg.	Neg.
Food and Other Cans	3,760	3,540	2,850	2,540	2,690	2,820	2,860	2,690
Other Steel Packaging	260	270	240	200	210	170	240	250
Total Steel Packaging	4,660	5,380	3,610	2,890	2,900	2,990	3,100	2,940
Aluminum Packaging								
Beer and Soft Drink Cans	Neg.	100	850	1,550	1,590	1,540	1,530	1,540
Other Cans	Neg.	60	40	20	40	40	50	50
Foil and Closures	170	410	380	330	350	360	360	370
Total Aluminum Packaging	170	570	1,270	1,900	1,980	1,940	1,940	1,960
Paper & Paperboard Pkg								
Corrugated Boxes	7,330	12,760	17,080	24,010	28,800	29,020	29,530	29,760
Milk Cartons**			790	510	510	460	460	470
Folding Cartons**			3,820	4,300	5,310	5,390	5,410	5,550
Other Paperboard Packaging	3,840	4,830	230	290	260	230	240	230
Bags and Sacks**			3,380	2,440	1,980	1,950	1,870	1,680
Wrapping Papers**			200	110	70	50		
Other Paper Packaging	2,940	3,810	850	1,020	1,150	1,260	1,230	1,420
Total Paper & Board Pkg	14,110	21,400	26,350	32,680	38,080	38,360	38,740	39,110
Plastics Packaging								
Soft Drink Bottles**			260	430	650	700	760	820
Milk Bottles**			230	530	620	650	670	700
Other Containers	60	910	890	1,430	1,180	1,280	1,540	2,330
Bags and Sacks**			390	940	1,200	1,360	1,520	1,480
Wraps**			840	1,530	1,710	1,860	2,130	1,980
Other Plastics Packaging	60	1,180	790	2,040	2,220	2,300	2,810	2,580
Total Plastics Packaging	120	2,090	3,400	6,900	7,580	8,150	9,430	9,890
Wood Packaging	2,000	2,070	3,940	8,180	6,170	6,480	7,030	7,310
Other Misc. Packaging	120	130	130	150	150	150	190	220
Total Containers & Pkg	27,370	43,560	52,670	64,530	68,390	69,050	71,040	72,430
Total Product Wastes†	54,620	83,280	108,890	146,510	156,780	156,220	163,540	167,080
Other Wastes								
Food Wastes	12,200	12,800	13,000	20,800	21,740	21,850	21,910	22,130
Yard Trimmings	20,000	23,200	27,500	35,000	29,690	27,920	27,730	27,730
Miscellaneous Inorganic Wastes	1,300	1,780	2,250	2,900	3,150	3,200	3,250	3,290
Total Other Wastes	33,500	37,780	42,750	58,700	54,580	52,970	52,890	53,150
Total MSW Generated - Weight	88,120	121,060	151,640	205,210	211,360	209,190	216,430	220,230

<sup>\*</sup> Generation before materials recovery or combustion.

Details may not add to totals due to rounding.

\*\* Not estimated separately prior to 1980. Paper wraps not reported separately after 1996.

† Other than food products.

Neg. = Less than 5,000 tons or 0.05 percent.

Table 19 PRODUCTS GENERATED\* IN THE MUNICIPAL WASTE STREAM, 1960 TO 1998 (WITH DETAIL ON CONTAINERS AND PACKAGING) (In percent of total generation)

			Perc	ent of To	tal Genera	ation		
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	11.3%	12.1%	14.4%	14.5%	14.7%	15.1%	15.3%	15.6%
(Detail in Table 12)								
Nondurable Goods	19.7%	20.7%	22.7%	25.4%	27.1%	26.5%	27.4%	27.4%
(Detail in Table 15)								
Containers and Packaging		•				1		
Glass Packaging								
Beer and Soft Drink Bottles	1.6%	4.6%	4.4%	2.7%	2.4%	2.4%	2.3%	2.4%
Wine and Liquor Bottles	1.2%	1.6%	1.6%	1.0%	0.8%	0.9%	0.8%	0.8%
Food and Other Bottles & Jars	4.2%	3.7%	3.2%	2.0%	2.2%	1.9%	1.8%	1.8%
Total Glass Packaging	7.0%	9.8%	9.2%	5.8%	5.5%	5.2%	4.9%	5.0%
Steel Packaging								
Beer and Soft Drink Cans	0.7%	1.3%	0.3%	0.1%	Neg.	Neg.	Neg.	Neg.
Food and Other Cans	4.3%	2.9%	1.9%	1.2%	1.3%	1.3%	1.3%	1.2%
Other Steel Packaging	0.3%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%
Total Steel Packaging	5.3%	4.4%	2.4%	1.4%	1.4%	1.4%	1.4%	1.3%
Aluminum Packaging								
Beer and Soft Drink Cans	Neg.	0.1%	0.6%	0.8%	0.8%	0.7%	0.7%	0.7%
Other Cans	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Foil and Closures	0.2%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%
Total Aluminum Packaging	0.2%	0.5%	0.8%	0.9%	0.9%	0.9%	0.9%	0.9%
Paper & Paperboard Pkg	0.00/	40.50/	44.00/	44.70/	40.00/	40.00/	40.00/	40.50/
Corrugated Boxes	8.3%	10.5%	11.3%	11.7%	13.6%	13.9%	13.6%	13.5%
Milk Cartons**			0.5%	0.2%	0.2%	0.2%	0.2%	0.2%
Folding Cartons**	4.40/	4.00/	2.5%	2.1%	2.5%	2.6%	2.5%	2.5%
Other Paperboard Packaging	4.4%	4.0%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%
Bags and Sacks**			2.2%	1.2%	0.9%	0.9%	0.9%	0.8%
Wrapping Papers**	0.00/	0.40/	0.1%	0.1%	0.0%	0.0%	0.00/	0.00/
Other Paper Packaging	3.3%	3.1%	0.6%	0.5%	0.5%	0.6%	0.6%	0.6%
Total Paper & Board Pkg	16.0%	17.7%	17.4%	15.9%	18.0%	18.3%	17.9%	17.8%
Plastics Packaging Soft Drink Bottles**			0.20/	0.20/	0.3%	0.3%	0.4%	0.4%
Milk Bottles**			0.2% 0.2%	0.2%	0.3%		0.4%	0.4%
Other Containers	0.1%	0.8%	0.2%	0.3% 0.7%	0.5%	0.3% 0.6%	0.3%	1.1%
Bags and Sacks**	0.176	0.076	0.0%	0.7 %	0.6%	0.0%	0.7%	0.7%
Wraps**			0.5%	0.5%	0.8%	0.7%	1.0%	0.7%
Other Plastics Packaging	0.1%	1.0%	0.6%	1.0%	1.1%	1.1%	1.3%	1.2%
Total Plastics Packaging	0.1%	1.7%	2.2%	3.4%	3.6%	3.9%	4.4%	4.5%
Wood Packaging	2.3%	1.7%	2.2%	4.0%	2.9%	3.1%	3.2%	3.3%
Other Misc. Packaging	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
Total Containers & Pkg	31.1%	36.0%	34.7%	31.4%	32.4%	33.0%	32.8%	32.9%
Total Product Wastes†	62.0%	68.8%	71.8%	71.4%	32.4% 74.2%	74.7%	75.6%	75.9%
Other Wastes	02.070	00.078	71.076	/ 1.7/0	17.2/0	17.170	7 3.0 /6	10.070
Food Wastes	13.8%	10.6%	8.6%	10.1%	10.3%	10.4%	10.1%	10.0%
Yard Trimmings	22.7%	19.2%	18.1%	17.1%	14.0%	13.3%	12.8%	12.6%
Miscellaneous Inorganic Wastes	1.5%	1.5%	1.5%	1.4%	1.5%	1.5%	1.5%	1.5%
Total Other Wastes	38.0%	31.2%	28.2%	28.6%	25.8%	25.3%	24.4%	24.1%
Total MSW Generated - %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

<sup>\*</sup> Generation before materials recovery or combustion.

Details may not add to totals due to rounding.

\*\* Not estimated separately prior to 1980. Paper wraps not reported separately after 1996.

<sup>†</sup> Other than food products. Neg. = Less than 5,000 tons or 0.05 percent.

Table 20 RECOVERY\* OF PRODUCTS IN MUNICIPAL SOLID WASTE, 1960 TO 1998 (WITH DETAIL ON CONTAINERS AND PACKAGING) (In thousands of tons)

				Thousand	ls of Tons	i		
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	350	940	1,360	3,460	5,010	5,300	5,660	5,740
(Detail in Table 13)								
Nondurable Goods	2,390	3,730	4,670	8,800	13,610	13,550	14,020	14,290
(Detail in Table 16)								
Containers and Packaging							•	-
Glass Packaging								
Beer and Soft Drink Bottles	90	140	730	1,890	1,670	1,680	1,550	1,680
Wine and Liquor Bottles	10	10	20	210	470	480	440	480
Food and Other Bottles & Jars	Neg.	Neg.	Neg.	520	1,000	1,010	930	1,020
Total Glass Packaging	100	150	750	2,620	3,140	3,170	2,920	3,180
Steel Packaging				,	,	,	<b>'</b>	· ·
Beer and Soft Drink Cans	10	20	50	40	Neg.	Neg.	Neg.	Neg.
Food and Other Cans	20	60	150	590	1,510	1,640	1,730	1,510
Other Steel Packaging	Neg.	Neg.	Neg.	60	50	50	160	170
Total Steel Packaging	30	80	200	690	1,560	1,690	1,890	1,680
Aluminum Packaging	"				.,	.,	.,	.,
Beer and Soft Drink Cans	Neg.	10	310	990	900	900	910	830
Other Cans	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Foil and Closures	Neg.	Neg.	Neg.	20	30	30	30	30
Total Aluminum Pkg	Neg.	10	320	1,010	930	930	940	860
Paper & Paperboard Pkg	1.09.		020	1,0.0			0.0	
Corrugated Boxes	2,520	2,760	6,390	11,530	18,480	19,360	19,800	20,920
Milk Cartons**	2,020	2,700	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Folding Cartons**			520	340	1,080	850	370	390
Other Paperboard Packaging			Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Bags and Sacks**			Neg.	200	340	250	290	290
Wrapping Papers**			Neg.	Neg.	Neg.	Neg.	230	230
Other Paper Packaging	220	350	300	Neg.	Neg.	Neg.	Neg.	Neg.
Total Paper & Board Pkg	2.740	3.110	7,210	12,070	19,900	20,460	20,460	21,600
Plastics Packaging	2,740	3,110	7,210	12,070	19,900	20,400	20,400	21,000
Soft Drink Bottles**			10	140	300	280	270	290
Milk Bottles**			Neg.	20	190	200	210	220
Other Containers	Neg.	Neg.	Neg.	20	150	190	200	250
Bags and Sacks**	iveg.	iveg.	Neg.	30	40	50	40	10
Wraps**				30	40	50	50	120
•	Noa	Noa	Neg.	20	20	30	50	70
Other Plastics Packaging	Neg.	Neg.	Neg. 10	260	740	800	820	960
Total Plastics Packaging	Neg.	Neg.	-				590	
Wood Packaging	Neg.	Neg.	Neg.	130	450	490		720
Other Misc. Packaging	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Total Containers & Pkg	2,870	3,350	8,490	16,780	26,720	27,540	27,620	29,000
Total Product Wastes†	5,610	8,020	14,520	29,040	45,340	46,390	47,300	49,030
Other Wastes	.					500		500
Food Wastes	Neg.	Neg.	Neg.	Neg.	570	520	580	580
Yard Trimmings	Neg.	Neg.	Neg.	4,200	9,000	10,390	11,490	12,560
Miscellaneous Inorganic Wastes	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Total Other Wastes	Neg.	Neg.	Neg.	4,200	9,570	10,910	12,070	13,140
Total MSW Recovered - Weight	5,610	8,020	14,520	33,240	54,910	57,300	59,370	62,170

† Other than food products.

Details may not add to totals due to rounding.

Neg. = Less than 5,000 tons or 0.05 percent.

<sup>\*</sup> Recovery of postconsumer wastes; does not include converting/fabrication scrap.

\*\* Not estimated separately prior to 1980. Paper wraps not reported separately after 1996.

Table 21

RECOVERY\* OF PRODUCTS IN MUNICIPAL SOLID WASTE, 1960 TO 1998 (WITH DETAIL ON CONTAINERS AND PACKAGING) (In percent of generation of each product)

Percent of Ger	neration of	Each Pro	duct					
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	3.5%	6.4%	6.2%	11.6%	16.1%	16.7%	17.0%	16.7%
(Detail in Table 13)								
Nondurable Goods	13.8%	14.9%	13.6%	16.9%	23.8%	24.4%	23.7%	23.7%
(Detail in Table 16)								
Containers and Packaging								
Glass Packaging								
Beer and Soft Drink Bottles	6.4%	2.5%	10.8%	33.5%	32.6%	32.9%	31.3%	31.4%
Wine and Liquor Bottles	Neg.	Neg.	Neg.	10.3%	26.3%	24.7%	24.2%	27.1%
Food and Other Bottles & Jars	Neg.	Neg.	Neg.	12.5%	21.6%	25.6%	24.3%	26.3%
Total Glass Packaging	1.6%	1.3%	5.4%	22.1%	27.2%	28.9%	27.5%	28.9%
Steel Packaging								
Beer and Soft Drink Cans	1.6%	1.3%	9.6%	26.7%	Neg.	Neg.	Neg.	Neg.
Food and Other Cans	Neg.	1.7%	5.3%	23.2%	56.1%	58.2%	60.5%	56.1%
Other Steel Packaging	Neg.	Neg.	Neg.	30.0%	23.8%	29.4%	66.7%	68.0%
Total Steel Packaging	Neg.	1.5%	5.5%	23.9%	53.8%	56.5%	61.0%	57.1%
Aluminum Packaging								
Beer and Soft Drink Cans	Neg.	10.0%	36.5%	63.9%	56.6%	58.4%	59.5%	53.9%
Other Cans	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Foil and Closures	Neg.	Neg.	Neg.	6.1%	8.6%	8.3%	8.3%	8.1%
Total Aluminum Pkg	Neg.	1.8%	25.2%	53.2%	47.0%	47.9%	48.5%	43.9%
Paper & Paperboard Pkg								
Corrugated Boxes	34.4%	21.6%	37.4%	48.0%	64.2%	66.7%	67.1%	70.3%
Milk Cartons**			Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Folding Cartons**			Neg.	Neg.	20.3%	15.8%	6.8%	7.0%
Other Paperboard Packaging			Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Bags and Sacks**			Neg.	Neg.	17.2%	12.8%	15.5%	17.3%
Wrapping Papers**			Neg.	Neg.	Neg.	Neg.		
Other Paper Packaging	7.5%	9.2%	35.3%	Neg.	Neg.	Neg.	Neg.	Neg.
Total Paper & Board Pkg	19.4%	14.5%	27.4%	36.9%	52.3%	53.3%	52.8%	55.2%
Plastics Packaging								
Soft Drink Bottles**			3.8%	32.6%	46.2%	40.0%	35.5%	35.4%
Milk Bottles**			Neg.	3.8%	30.6%	30.8%	31.3%	31.4%
Other Containers	Neg.	Neg.	Neg.	1.4%	12.7%	14.8%	13.0%	10.7%
Bags and Sacks**		- 5	Neg.	3.2%	3.3%	3.7%	2.6%	0.7%
Wraps**			Neg.	2.0%	2.3%	2.7%	2.3%	6.1%
Other Plastics Packaging	Neg.	Neg.	Neg.	1.0%	0.9%	1.3%	1.8%	2.7%
Total Plastics Packaging	Neg.	Neg.	Neg.	3.8%	9.8%	9.8%	8.7%	9.7%
Wood Packaging	Neg.	Neg.	Neg.	1.6%	7.3%	7.6%	8.4%	9.8%
Other Misc. Packaging	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Total Containers & Pkg	10.5%	7.7%	16.1%	26.0%	39.1%	39.9%	38.9%	40.0%
Total Product Wastes†	10.3%	9.6%	13.3%	19.8%	28.9%	29.7%	28.9%	29.3%
Other Wastes	13.0,3	2.0,0						_5.570
Food Wastes	Neg.	Neg.	Neg.	Neg.	2.6%	2.4%	2.6%	2.6%
Yard Trimmings	Neg.	Neg.	Neg.	12.0%	30.3%	37.2%	41.4%	45.3%
Miscellaneous Inorganic Wastes	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Total Other Wastes	Neg.	Neg.	Neg.	7.2%	17.5%	20.6%	22.8%	24.7%
Total MSW Recovered - %	6.4%	6.6%	9.6%	16.2%	26.0%	27.4%	27.4%	28.2%

† Other than food products.

Details may not add to totals due to rounding.

Neg. = Less than 5,000 tons or 0.05 percent.

<sup>\*</sup> Recovery of postconsumer wastes; does not include converting/fabrication scrap.

\*\* Not estimated separately prior to 1980. Paper wraps not reported separately after 1996.

Table 22 PRODUCTS DISCARDED\* IN THE MUNICIPAL WASTE STREAM, 1960 TO 1998 (WITH DETAIL ON CONTAINERS AND PACKAGING) (In thousands of tons)

				Thousand	ds of Tons	3		
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	9,570	13,720	20,440	26,350	26,130	26,360	27,560	28,630
(Detail in Table 14)								
Nondurable Goods	14,940	21,330	29,750	43,370	43,640	41,960	45,260	45,990
(Detail in Table 17)								
Containers and Packaging	•	•	•	•	•	•	•	•
Glass Packaging								
Beer and Soft Drink Bottles	1,310	5,440	6,010	3,750	3,450	3,420	3,410	3,670
Wine and Liquor Bottles	1,070	1,890	2,430	1,820	1,320	1,460	1,380	1,290
Food and Other Bottles & Jars	3,710	4,440	4,780	3,640	3,620	2,930	2,900	2,860
Total Glass Packaging	6,090	11,770	13,220	9,210	8,390	7,810	7,690	7,820
Steel Packaging								
Beer and Soft Drink Cans	630	1,550	470	110	Neg.	Neg.	Neg.	Neg.
Food and Other Cans	3,740	3,480	2,700	1,950	1,180	1,180	1,130	1,180
Other Steel Packaging	260	270	240	140	160	120	80	80
Total Steel Packaging	4,630	5,300	3,410	2,200	1,340	1,300	1,210	1,260
Aluminum Packaging								
Beer and Soft Drink Cans	Neg.	90	540	560	690	640	620	710
Other Cans	Neg.	60	40	20	40	40	50	50
Foil and Closures	170	410	380	310	320	330	330	340
Total Aluminum Pkg	170	560	950	890	1,050	1,010	1,000	1,100
Paper & Paperboard Pkg								
Corrugated Boxes	4,810	10,000	10,690	12,480	10,320	9,660	9,730	8,840
Milk Cartons**			790	510	510	460	460	470
Folding Cartons**			3,300	3,960	4,230	4,540	5,040	5,160
Other Paperboard Packaging	3,840	4,830	230	290	260	230	240	230
Bags and Sacks**			3,380	2,240	1,640	1,700	1,580	1,390
Wrapping Papers**			200	110	70	50		
Other Paper Packaging	2,720	3,460	550	1,020	1,150	1,260	1,230	1,420
Total Paper & Board Pkg	11,370	18,290	19,140	20,610	18,180	17,900	18,280	17,510
Plastics Packaging								
Soft Drink Bottles**			250	290	350	420	490	530
Milk Bottles**			230	510	430	450	460	480
Other Containers	60	910	890	1,410	1,030	1,090	1,340	2,080
Bags and Sacks**			390	910	1,160	1,310	1,480	1,470
Wraps**			840	1,500	1,670	1,810	2,080	1,860
Other Plastics Packaging	60	1,180	790	2,020	2,200	2,270	2,760	2,510
Total Plastics Packaging	120	2,090	3,390	6,640	6,840	7,350	8,610	8,930
Wood Packaging	2,000	2,070	3,940	8,050	5,720	5,990	6,440	6,590
Other Misc. Packaging	120	130	130	150	150	150	190	220
Total Containers & Pkg	24,500	40,210	44,180	47,750	41,670	41,510	43,420	43,430
Total Product Wastes†	49,010	75,260	94,370	117,470	111,440	109,830	116,240	118,050
Other Wastes	l		l			l		
Food Wastes	12,200	12,800	13,000	20,800	21,170	21,330	21,330	21,550
Yard Trimmings	20,000	23,200	27,500	30,800	20,690	17,530	16,240	15,170
Miscellaneous Inorganic Wastes	1,300	1,780	2,250	2,900	3,150	3,200	3,250	3,290
Total Other Wastes	33,500	37,780	42,750	54,500	45,010	42,060	40,820	40,010
Total MSW Discarded - Weight	82,510	113,040	137,120	171,970	156,450	151,890	157,060	158,060

Discards after materials and compost recovery. Does not include construction & demolition debris, industrial process wastes, or certain other wastes. Details may not add to totals due to rounding.
 \*\* Not estimated separately prior to 1980. Paper wraps not reported separately after 1996.

<sup>†</sup> Other than food products.

Neg. = Less than 5,000 tons or 0.05 percent.

Table 23 PRODUCTS DISCARDED\* IN THE MUNICIPAL WASTE STREAM, 1960 TO 1998 (WITH DETAIL ON CONTAINERS AND PACKAGING) (In percent of total discards)

			Pei	rcent of To	otal Disca	rds		
Products	1960	1970	1980	1990	1995	1996	1997	1998
Durable Goods	11.6%	12.1%	14.9%	15.3%	16.7%	17.4%	17.5%	18.1%
(Detail in Table 14)								
Nondurable Goods	18.1%	18.9%	21.7%	25.2%	27.9%	27.6%	28.8%	29.1%
(Detail in Table 17)								
Containers and Packaging								
Glass Packaging								
Beer and Soft Drink Bottles	1.6%	4.8%	4.4%	2.2%	2.2%	2.3%	2.2%	2.3%
Wine and Liquor Bottles	1.3%	1.7%	1.8%	1.1%	0.8%	1.0%	0.9%	0.8%
Food and Other Bottles & Jars	4.5%	3.9%	3.5%	2.1%	2.3%	1.9%	1.8%	1.8%
Total Glass Packaging	7.4%	10.4%	9.6%	5.4%	5.4%	5.1%	4.9%	4.9%
Steel Packaging								
Beer and Soft Drink Cans	0.8%	1.4%	0.3%	0.1%	Neg.	Neg.	Neg.	Neg.
Food and Other Cans	4.5%	3.1%	2.0%	1.1%	0.8%	0.8%	0.7%	0.7%
Other Steel Packaging	0.3%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%
Total Steel Packaging	5.6%	4.7%	2.5%	1.3%	0.9%	0.9%	0.8%	0.8%
Aluminum Packaging								
Beer and Soft Drink Cans	Neg.	0.1%	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%
Other Cans	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
Foil and Closures	0.2%	0.4%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%
Total Aluminum Pkg	0.2%	0.5%	0.7%	0.5%	0.7%	0.7%	0.6%	0.7%
Paper & Paperboard Pkg								
Corrugated Boxes	5.8%	8.8%	7.8%	7.3%	6.6%	6.4%	6.2%	5.6%
Milk Cartons**			0.6%	0.3%	0.3%	0.3%	0.3%	0.3%
Folding Cartons**			2.4%	2.3%	2.7%	3.0%	3.2%	3.3%
Other Paperboard Packaging	4.7%	4.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%
Bags and Sacks**			2.5%	1.3%	1.0%	1.1%	1.0%	0.9%
Wrapping Papers**			0.1%	0.1%	0.0%	0.0%		
Other Paper Packaging	3.3%	3.1%	0.4%	0.6%	0.7%	0.8%	0.8%	0.9%
Total Paper & Board Pkg	13.8%	16.2%	14.0%	12.0%	11.6%	11.8%	11.6%	11.1%
Plastics Packaging								
Soft Drink Bottles**			0.2%	0.2%	0.2%	0.3%	0.3%	0.3%
Milk Bottles**	0.40/	0.00/	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%
Other Containers	0.1%	0.8%	0.6%	0.8%	0.7%	0.7%	0.9%	1.3%
Bags and Sacks**			0.3%	0.5%	0.7%	0.9%	0.9%	0.9%
Wraps**	0.40/	4.007	0.6%	0.9%	1.1%	1.2%	1.3%	1.2%
Other Plastics Packaging	0.1%	1.0%	0.6%	1.2%	1.4%	1.5%	1.8%	1.6%
Total Plastics Packaging	0.1%	1.8%	2.5%	3.9%	4.4%	4.8%	5.5%	5.6%
Wood Packaging	2.4%	1.8%	2.9%	4.7%	3.7%	3.9%	4.1%	4.2%
Other Misc. Packaging	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
Total Containers & Pkg	29.7%	35.6%	32.2%	27.8%	26.6%	27.3%	27.6%	27.5%
Total Product Wastes†	59.4%	66.6%	68.8%	68.3%	71.2%	72.3%	74.0%	74.7%
Other Wastes	44.00/	44.007	0.50/	40.407	40.50/	44.007	40.007	40.001
Food Wastes	14.8%	11.3%	9.5%	12.1%	13.5%	14.0%	13.6%	13.6%
Yard Trimmings	24.2%	20.5%	20.1%	17.9%	13.2%	11.5%	10.3%	9.6%
Miscellaneous Inorganic Wastes	1.6%	1.6%	1.6%	1.7%	2.0%	2.1%	2.1%	2.1%
Total Other Wastes	40.6%	33.4%	31.2%	31.7%	28.8%	27.7%	26.0%	25.3%
Total MSW Discarded - %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

<sup>\*</sup> Discards after materials and compost recovery. Does not include construction & demolition debris, industrial process wastes, or certain other wastes. Details may not add to totals due to rounding.

<sup>\*\*</sup> Not estimated separately prior to 1980. Paper wraps not reported separately after 1996.
† Other than food products.

Neg. = Less than 5,000 tons or 0.05 percent.

Figure 2. Paper and paperboard products generated in MSW, 1998

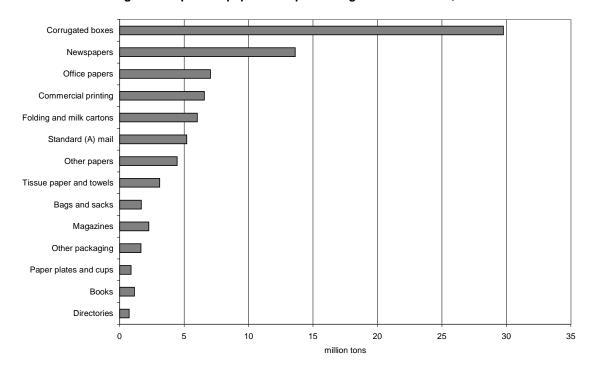


Figure 3. Paper generation and recovery, 1960 to 1998

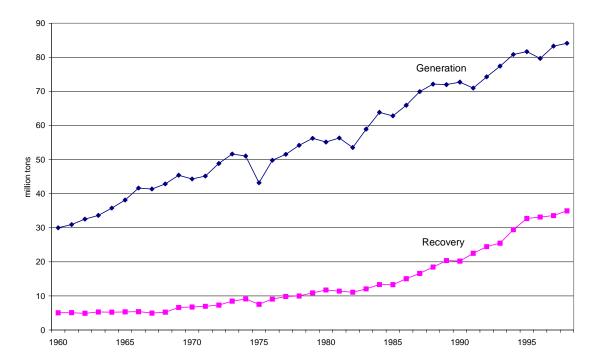


Figure 4. Glass products generated in MSW, 1998

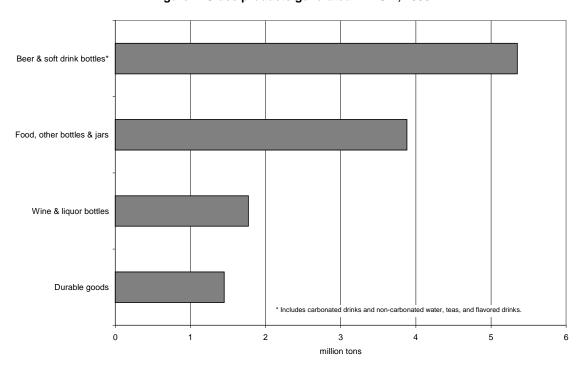


Figure 5. Glass generation and recovery, 1960 to 1998

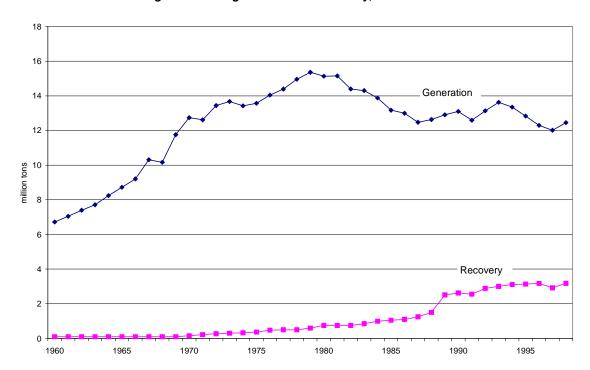


Figure 6. Metal products generated in MSW, 1998

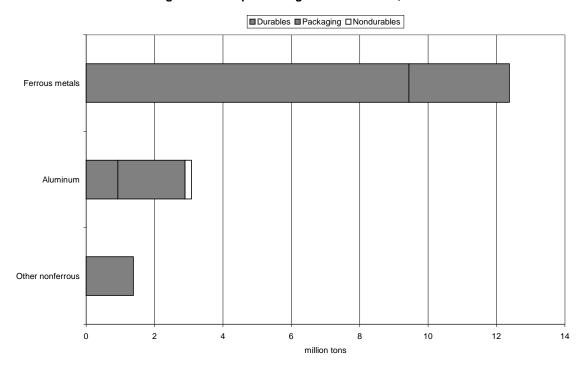


Figure 7. Metals generation and recovery, 1960 to 1998

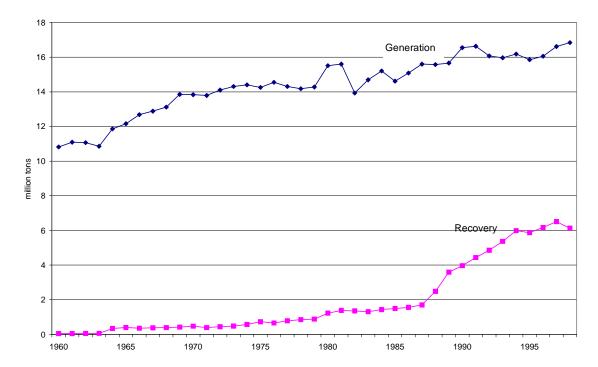


Figure 11. Recovery and discards of MSW,\* 1960 to 1998

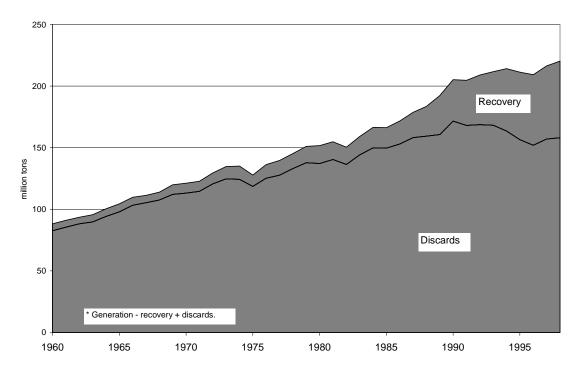
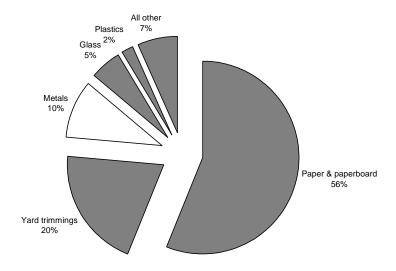
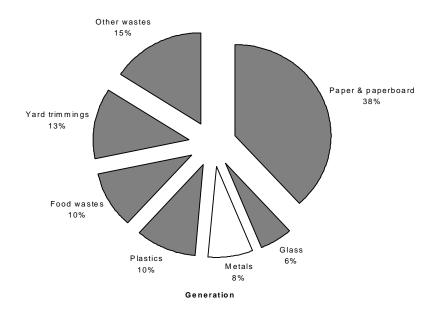


Figure 12. Materials recovery,\* 1998



<sup>\*</sup> In percent by weight of total recovery

Figure 13. Materials generated and discarded in municipal solid waste, 1998 (In percent of total generation and discards)



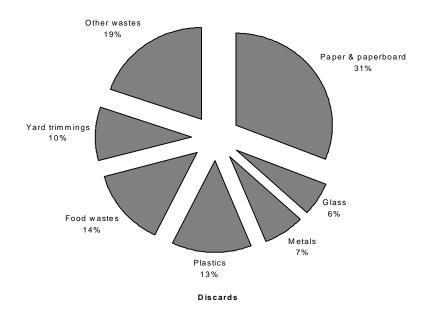


Figure 14. Generation of products in MSW, 1960 to 1998

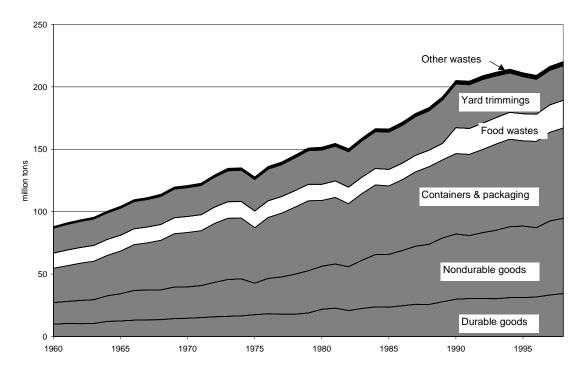


Figure 15. Nondurable goods generated and discarded in municipal solid waste, 1998 (In percent of total generation and discards)

Rubber & leather

1%

Plastics
9%

Paper & paperboard
75%

Generation

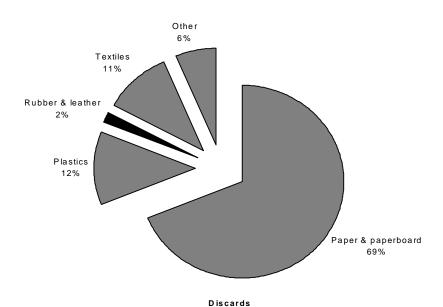


Figure 16. Containers and packaging generated and discarded in municipal solid waste, 1998

(In percent of total generation and discards)

