Seattle Public Utilities, Economic Services Section

Report Date: April 4, 2017 Phone: (206) 684-4143

## **Tonnage Breakdown**

Single Family Tons (Without Contaminants)			
Q4 2016:	13,935 Tons	3.1%	decrease vs. same period in 2015
Cumulative Single Family:	54,213 Tons	0.2%	decrease vs. same period in 2015
Multi Family Tons (Without Contaminants)			
Q4 2016:	6,696 Tons		increase vs. same period in 2015
Cumulative Multi Family:	24,778 Tons	8.3%	increase vs. same period in 2015
Total Residential Tons (Without Contaminants)			
Q4 2016:	20,631 Tons	0.5%	decrease vs. same period in 2015
Cumulative Residential:	78,991 Tons	2.3%	increase vs. same period in 2015
Business Tons (Includes Contaminants)			
Q4 2016:	1,118 Tons	21.6%	increase vs. same period in 2015
Cumulative Small Business:	3,912 Tons	5.4%	increase vs. same period in 2015

## **Selected Statistics**

Average Monthly Pounds Recyclables collected per Household YTD

Single Family: 62.5 (173,894 households) 3.0% decrease vs same period last year Multi Family: 30.0 (199,579 households) 2.0% decrease vs same period last year

Recycle Composition Studies are done every 5 years. This report captures the most recent study done in 2015.

### **Service Citywide:**

Recycling service for single family households occurs every other week on the same day as garbage collection service. Beginning January 2005, for all materials except plastics, there is a recycling requirement which bans recyclables from being disposed of in garbage containers. Beginning January 2006, the recycling requirement is being enforced by not collecting garbage cans or dumpsters which contain more than 10% recyclables. Apartment managers are subject to a fine for repeated violation of the ban on recyclables in garbage dumpsters. Exemptions are granted when there is lack of space for recycle containers.

Apartment Buildings with 5 or more units are considered part of the Multi Family Recycling Program for purposes of tracking services. Apartment buildings can choose toter or dumpster style service.

The Business Recycling Program is available to businesses with a Seattle commercial garbage account and is limited to two recycling carts, collected every other week. The Business Recycling Program is free to qualifying businesses.

## **Materials Citywide:**

Newspaper, mixed paper, glass, aluminum, tin, plastic bottles, ferrous metals, plastic bags (grocery bags), plastic containers (dairy/yogurt containers), milk cartons and juice boxes. In addition, up to 2 gallons of used motor oil may be set out in separate 1 gallon containers each collection day. Electronics and appliances will be picked up curbside and recycled safely upon request for a fee. (\$20 per pickup of up to 3 electronic items, \$30 per appliance, \$38 per appliance containing CFC's)

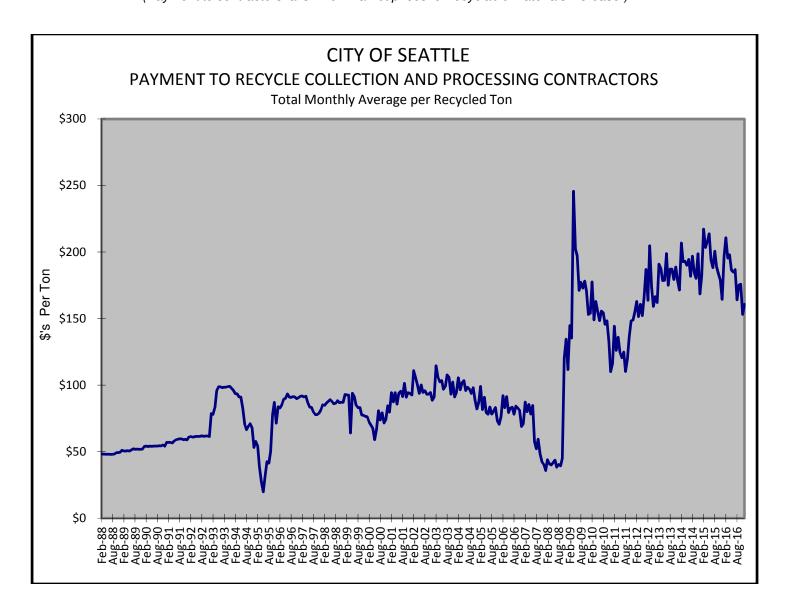
# Program Costs<sup>1</sup>

## Citywide Yearly Cumulative Average Cost/Ton

1988	\$48.55	1996	\$89.15	2004	\$95.82	2012	\$166.45
1989	\$51.33	1997	\$84.59	2005	\$81.72	2013	\$182.26
1990	\$54.20	1998	\$86.88	2006	\$81.44	2014	\$187.54
1991	\$58.28	1999	\$86.39	2007	\$64.83	2015	\$192.57
1992	\$61.41	2000 <sup>2</sup>	\$72.78	2008	\$54.28	2016	\$180.21
1993	\$93.25	2001	\$91.64	2009	\$171.38		
1994	\$77.38	2002	\$96.46	2010	\$148.54		
1995	\$50.27	2003	\$100.62	2011	\$129.41		

### Avg. Cost/Ton for 4th Quarter 2016: \$162.91

(Payment to contractors falls when market prices for recyclable materials increase.)



<sup>&</sup>lt;sup>1</sup> Figures shown reflect the average amount SPU pays the recycling processing and collection contractors, which is a total contract price plus (or minus) a variable amount determined by market prices. In other words, the figures reflect the cost to the city of collection and sorting (including payment for disposal of contaminants). Revenue received for sale of the materials belongs to the processing contractor and as such these cost figures should not be construed as the total cost of recycling; figures also do not include costs such as liquidated damages, SPU program administration or public education.

<sup>&</sup>lt;sup>2</sup> As of April 2000 recycling program costs include curbside (single family) apartment (multi-family) and small business programs. Prior to April 2000, the costs shown are only for the curbside program.

### SINGLE FAMILY TONS COLLECTED - CITY OF SEATTLE

SING	LE F	AMILY CAN TO	ONS COLLECTED	(Includes c	ontaminants)			SING	LE FAMILY CAN	CUSTOMER DATA	Α	
						Recology	Waste	Total	Recology	Waste		
		Recology	Waste	Total Single	Cumulative Single	Cleanscapes	Management	Curb	Cleanscapes	Management	Total Curb	LBS PER
Yr	Мо		Management		Family Tons	Curb Bldgs	Curb Bldgs	Bldgs <sup>3</sup>	Curb Households	Curb Households	Households <sup>3</sup>	HOUSEHOLD
2015 2015	1	2,296.1 1,888.9	2,966.3 2,448.4	5,262.4 4,337.3	5,262.4 9,599.7	58,100 58,121	91,202 91,234	149,302 149,355	61,145 61,149	94,601 94,653	155,746 155,802	67.6 55.7
2015	3	2,081.2	2,448.4 2,696.6	4,337.3 4,777.8	9,599.7 14,377.5	58,121	91,234	149,355	61,149	94,653	155,802	61.3
2015	4	2,111.7	2,755.5	4,867.1	19,244.6	58,198	91,423	149,621	61,242	94,852	156,094	62.4
2015	5	2,047.4	2,685.5	4,732.8	23,977.5	58,263	91,527	149,790	61,303	94,935	156,238	60.6
2015	6	2,226.8	2,921.1	5,147.9	29,125.4	58,311	91,585	149,896	61,328	95,007	156,335	65.9
2015 2015	7	2,259.9 2.105.0	2,999.3 2,724.1	5,259.2 4,829.1	34,384.6 39,213.7	58,346 58.364	91,629 91,657	149,975 150.021	61,380 61.367	95,069 95.113	156,449 156,480	67.2 61.7
2015	9	2,105.0	2,724.1	5,220.0	39,213.7 44,433.7	58,380	91,657	150,021	61,399	95,113	156,530	66.7
2015	10	2,186.6	2,800.8	4,987.5	49,421.1	58,326	91,629	149,955	61,349	95,052	156,401	63.8
2015	11	2,241.1	2,893.6	5,134.7	54,555.8	58,315	91,622	149,937	61,337	95,045	156,382	65.7
2015	12	2,565.7	3,312.1	5,877.8	60,433.7	58,305	91,642	149,947	61,309	95,079	156,388	75.2
2016	1	2,268.6	2,982.8	5,251.3	5,251.3	58,291	91,638	149,929	61,299	95,081	156,380	67.2
2016 2016	3	2,034.8 2,240.4	2,698.8 2,941.8	4,733.6 5,182.2	9,984.9 15,167.1	58,281 58,338	91,635 91,721	149,916 150,059	61,289 61,312	95,105 95,168	156,394 156,480	60.5 66.2
2016	4	2,000.8	2,657.9	4,658.7	19,825.9	58,401	91,784	150,035	61,450	95,300	156,750	59.4
2016	5	2,129.8	2,788.1	4,917.9	24,743.8	58,454	91,884	150,338	61,514	95,421	156,935	62.7
2016	6	2,177.4	2,860.8	5,038.2	29,781.9	58,514	91,933	150,447	61,586	95,474	157,060	64.2
2016	7	2,035.3	2,729.4	4,764.7	34,546.7	58,471	91,951	150,422	61,348	95,365	156,713	60.8
2016 2016	8	2,243.8 2,191.9	2,966.5 2,867.7	5,210.3 5,059.6	39,757.0 44,816.6	58,500 58,500	91,985 91,985	150,485 150,485	61,352 61,352	95,388 95,388	156,740 156,740	66.5 64.6
2016	10	2,191.9 2,117.0	2,867.7	5,059.6 4,856.7	44,816.6	58,500 N/A	91,985 N/A	150,485	N/A	95,388 N/A	173,894	55.9
2016	11	2,372.0	3,011.1	5,383.1	55,056.4	N/A	N/A	153,111	N/A	N/A	173,894	61.9
2016	12	2,358.4	2,906.8	5,265.3	60,321.6	N/A	N/A	153,111	N/A	N/A	173,894	60.6
			SINGLE FA	MILY TONNA	GE BY MATERIAL	DATA (Estima	ated from per	iodic com	position studies)			AVG LBS
		ALUM	FERROUS METAL	GLASS	MIXED PAPER	NEWS PAPER	PLASTICS	TIN	CONTAMINANTS	TOTAL w/cont	TOTAL w/o cont	PER HOUSEHOLD
2016 SF Tota		530.5	303.4	16,010.0	24,936.9	8,680.4	3,044.7	707.0	6,108.7	60,321.6	54,212.9	62.5
2015 SF Tota		531.5	304.0	16,039.8	24,983.3	8,696.5	3,050.3	708.3	6,120.0	60,433.7	54,313.6	64.5
2014 SF Tota 2013 SF Tota		574.3 563.9	286.1 280.9	10,615.4 10,423.2	28,987.1 28,462.3	12,077.3 11,858.7	2,729.7 2,680.3	782.0 767.8	3,300.7 3,241.0	59,352.6 58,278.2	56,051.9 55,037.2	63.6 62.6
2013 SF Tota		566.8	282.3	10,476.2	28,607.2	11,919.0	2,693.9	771.7	3,257.5	58,574.7	55,317.2	63.1
2011 SF Tota		586.4	292.1	10,839.2	29,598.4	12,332.0	2,787.3	798.5	3,370.3	60,604.2	57,233.9	65.5
2010 SF Tota		594.1	296.0	10,981.8	29,987.7	12,494.2	2,823.9	809.0	3,414.7	61,401.4	57,986.8	66.1
2009 SF Tota		607.0	302.4	11,219.1	30,635.8	12,764.2	2,885.0	826.5	3,488.5	62,728.5	59,240.0	68.3
2008 SF Tota		329.9 352.6	150.8	11,361.8	26,594.3	21,475.4	1,518.6	525.5	1,270.4	63,226.7	61,956.3	68.8 72.6
2007 SF Tota 2006 SF Tota		352.6 348.7	161.2 159.4	12,132.4 11,996.9	28,372.8 28,048.8	22,919.0 22,659.4	1,621.1 1,602.9	561.4 555.2	1,354.2 1,338.5	67,474.7 66,709.9	66,120.5 65,371.5	72.5 72.5
2005 SF Tota		342.4	156.5	11,770.0	27,496.3	22,219.5	1,572.2	545.0	1,311.2	65,413.1	64,101.9	71.5
2004 SF Tota		414.1	88.5	10,929.5	26,217.6	21,932.1	1,452.8	725.4	2,542.2	64,302.2	61,760.0	69.8
2003 SF Tota		400.1	85.5	10,560.2	25,333.0	21,192.3	1,403.8	700.9	2,456.8	62,132.5	59,675.7	67.7
2002 SF Tota		398.4	84.7	10,518.2	25,216.8	21,092.5	1,397.5	698.0	2,440.5	61,846.6	59,406.1	67.9
2001 SF Tota 2000 SF Tota		397.4 490.2	84.2 85.5	10,493.3 11,963.1	25,149.3 24.986.6	21,034.7 22,499.7	1,393.8 1.442.1	696.3 747.8	2,431.5 2.432.2	61,680.4 64,410.0	59,249.0 62,215.0	66.6 69.9
1999 SF Tota		799.6	81.8	12,969.2	22,870.2	23,947.3	727.3	1,439.9	1,026.8	63,862.0	62,835.2	70.6
1998 SF Tota		762.8	78.2	12,387.9	21,877.6	22,868.9	694.6	1,369.7	993.3	61,032.7	60,039.4	67.5
1997 SF Tota	l:	741.0	75.9	12,029.0	21,233.7	22,208.0	674.5	1,331.8	960.6	59,254.5	58,293.9	67.5
1996 SF Tota		693.1	71.0	11,249.4	19,855.4	20,769.0	630.8	1,245.9	897.5	55,412.0	54,514.5	61.3
1995 SF Tota 1994 SF Tota		707.7 696.3	72.5 71.3	11,490.8 11,307.4	20,288.7 19,967.5	21,213.5 20,874.6	644.3 634.0	1,271.3 1,250.6	919.6 905.9	56,608.4 55,707.7	55,688.7 54,801.8	63.1 61.6
1994 SF Tota		652.8	71.3 66.9	11,307.4	18,742.1	19,579.3	557.5	1,250.6	905.9 854.4	55,707.7 52,268.0	54,801.8	57.7
1992 SF Tota		862.8	NA	10,702.0	17,610.6	17,412.9	288.8	1,409.9	1,259.6	49,546.6	48,287.0	54.2
1991 SF Tota	ıl:	684.6	NA	9,540.4	19,537.8	16,103.2	268.3	1,423.7	1,004.4	48,562.4	47,558.0	53.4
1990 SF Tota		895.1	NA	9,096.9	17,201.8	17,373.0	163.1	1,306.8	685.9	46,722.6	46,036.7	51.3
1989 SF Tota 1988 SF Tota		433.2 242.3	NA NA	8,671.4 4,833.6	15,149.6 7,739.7	15,115.6 10,481.4	88.9 0.0	1,279.9 649.2	121.0 39.4	40,859.6 23,985.6	40,738.6 23,946.2	46.2 31.9
										∠ა,900.6	23,946.2	31.9
TOTAL C	IIYS	SINGLE FAMIL ALUM	Y PERCENTAGE FERROUS METAL	BREAKDOW GLASS	N BY MATERIAL MIXED PAPER	(Estimated from NEWS PAPER	n periodic co PLASTICS	mposition TIN	n studies)* CONTAMINANTS	TOTAL		
2015-2016 Av	ra:	0.9%	0.5%	26.5%	41.3%	14.4%	5.0%	1.2%	10.1%	100%		
2009-2014 Av		1.0%	0.5%	17.9%	48.8%	20.3%	4.6%	1.3%	5.6%	100%		
2005-2008Avg	g:	0.5%	0.2%	18.0%	42.0%	34.0%	2.4%	0.8%	2.0%	100%		
2001-2004 Av	g:	0.6%	0.1%	17.0%	40.8%	34.1%	2.3%	1.1%	3.9%	100%		
2000 Avg: 1993-1999 Av		0.8%	0.1% 0.1%	18.6%	38.8%	34.9% 37.5%	2.2%	1.2%	3.8%	100% 100%		
1993-1999 AV 1992 Avg:	y:	1.2% 1.7%	0.1% NA	20.3% 21.6%	35.9% 35.5%	37.5% 35.1%	1.1% 0.6%	2.2% 2.8%	1.6% 2.5%	100% 100%		
1991 Avg:		1.4%	NA NA	19.6%	40.2%	33.2%	0.6%	2.9%	2.1%	100%		
1990 Avg:		1.9%	NA NA	19.5%	36.8%	37.2%	0.3%	2.8%	1.5%	100%		
1989 Avg:		1.1%	NA	21.2%	37.1%	37.0%	0.2%	3.1%	0.3%	100%		
1988 Avg:		1.0%	NA eive can garbage service. To	20.2%	32.3%	43.7%	0.0%	2.7%	0.2%	100%		

<sup>1.</sup> Single Family refers to customers that receive can garbage service. Tonnage data includes contaminants.

2. Recycle Composition Studies are done every 5 years. This report captures the most recent study done in 2015. Composition Studies can be found on the web at: http://www.seattle.gov/util//Documents/Reports/SolidWasteReports/CompositionStudies/index.htm

3. Beginning October 2016, New billing system data and new definition of Single Family premise changed to prems with 4 or fewer dwelling units. Multi Family defined as premises with 5 or more dwelling units

### MULTI FAMILY TONS COLLECTED - CITY OF SEATTLE

MULTI FAMILY TONS COLLECTED (Includes contaminants)						MULTIFAMILY CUSTOMER DATA <sup>1</sup>								
				· ·	Recology	Waste	Tatal Aus			Tatal Aut				
Yr Mo	Recology Cleanscapes	Waste Management		Cumulative Multi Family Tons	Cleanscapes Curb Bldgs	Management Apt Bldgs	Total Apt Bldgs <sup>3</sup>	RCS Apt Units	WM Apt Units	Total Apt Units <sup>3</sup>	Units/Bldg	Lbs/Bldg	Lbs/Unit	
2015 1	1,222.8	856.6	2,079.4	2,079.4	3,319	2,366	5,685	93,559	45,189	138,748	24	731.6	30.0	
2015 2 2015 3	1,082.5 1,224.8	762.8 850.2	1,845.3 2,075.0	3,924.7 5,999.8	3,328	2,368 2,374	5,696	93,703 93,677	45,204	138,907	24 24	647.9 728.1	26.6 29.8	
2015 3 2015 4	1,219.7	817.9	2,075.0	5,999.8 8,037.4	3,326 3,324	2,374	5,700 5,702	93,677	45,386 45,630	139,063 139,311	24	714.7	29.8	
<b>2015</b> 5	1,152.3	803.7	1,956.0	9,993.4	3,334	2,388	5,722	94,309	45,894	140,203	25	683.7	27.9	
2015 6 2015 7	1,306.7	861.0	2,167.7	12,161.1	3,339	2,390	5,729 5,740	94,616	46,324	140,940	25 25	756.7	30.8	
2015 7 2015 8	1,313.3 1,226.2	888.8 832.6	2,202.1 2,058.8	14,363.2 16,422.0	3,342 3,372	2,398 2,403	5,775	94,620 94,789	46,334 46,699	140,954 141,488	25	767.3 713.0	31.2 29.1	
<b>2015</b> 9	1,329.8	902.7	2,232.4	18,654.4	3,388	2,406	5,794	95,224	46,434	141,658	24	770.6	31.5	
2015 10 2015 11	1,344.9 1,372.0	894.9 961.5	2,239.8 2,333.5	20,894.3 23,227.7	3,393 3,396	2,404 2,409	5,797 5,805	95,513 95,580	46,612 46,814	142,125 142,394	25 25	772.8 803.9	31.5 32.8	
<b>2015</b> 12	1,525.8	1,079.1	2,604.9	25,832.6	3,403	2,412	5,815	96,010	46,689	142,699	25	895.9	36.5	
2016 1	1,356.8	933.7	2,290.5	2,290.5	3,409	2,414	5,823	96,081	46,692	142,773	25	786.7	32.1	
2016 2 2016 3	1,299.9 1,404.2	909.4 966.6	2,209.3 2,370.8	4,499.8 6,870.6	3,410 3,412	2,414 2,421	5,824 5,833	95,995 95,826	46,983 46,988	142,978 142,814	25 24	758.7 812.9	30.9 33.2	
2016 4	1,228.4	858.5	2,087.0	8,957.5	3,402	2,418	5,820	95,713	47,558	143,271	25	717.2	29.1	
2016 5 2016 6	1,319.5	910.4	2,229.9 2,310.8	11,187.4	3,414	2,422 2,422	5,836 5,840	95,918	47,565	143,483	25 25	764.2	31.1	
2016 6 2016 7	1,391.8 1,302.0	919.0 870.6	2,310.8	13,498.2 15,670.9	3,418 3,454	2,422	5,840	95,971 97,295	47,482 47,573	143,453 144,868	25 25	791.4 737.5	32.2 30.0	
<b>2016</b> 8	1,458.5	965.6	2,424.1	18,095.0	3,462	2,452	5,914	97,906	47,875	145,781	25	819.8	33.3	
2016 9 2016 10	1,397.4 1,452.5	922.8 965.2	2,320.3 2,417.8	20,415.2 22,833.0	3,462 NA	2,452 NA	5,914 7,414	97,906 NA	47,875 NA	145,781 199,579	25 27	784.7 652.2	31.8 24.2	
<b>2016</b> 10 <b>2016</b> 11	1,487.0	1,074.5	2,561.4	22,833.0 25,394.4	NA NA	NA NA	7,414	NA NA	NA NA	199,579	27	691.0	24.2 25.7	
<b>2016</b> 12	1,463.0	1,118.5	2,581.5	27,975.9	NA	NA	7,414	NA	NA	199,579	27	696.4	25.9	
TC	OTAL MULTIFA	AMILY PERC FERROUS	ENTAGE BR	EAKDOWN BY	MATERIAL (E	stimated fron		COMPOSITIO CONTAM-	n studies)	TOTAL w/o	Cus	tomer Dat Avg	a Avg	
	ALUM	METAL	GLASS	MIXED PAPER	NEWSPAPER	PLASTICS	TIN	INANTS	w/cont	cont		Lbs/Bldg	U	
2016 MF Total:	284.7	81.5	7,042.0	12,175.5	3,537.8	1,364.8	291.7	3,197.9	27,975.9	24,778.0	2016 Avg:	762.2	30.0	
2015 MF Total:	262.9	75.3	6,502.5	11,242.7	3,266.8	1,260.2	269.4	2,952.9	25,832.6	22,879.7	2015 Avg:	749.9	30.6	
2014 MF Total:	177.1	67.6	4,081.9	12,742.0	4,065.7	854.7	223.2	1,668.1	23,880.3	22,212.2	2014 Avg:	706.1	29.5	
2013 MF Total: 2012 MF Total:	166.5 164.2	63.6 62.7	3,838.2 3,785.4	11,981.1 11,816.4	3,822.8 3,770.3	803.7 792.6	209.8 206.9	1,568.5 1,546.9	22,454.2 22,145.6	20,885.7 20,598.7	2013 Avg: 2012 Avg:	675.8 679.5	29.0 29.7	
2011 MF Total:	147.8	56.5	3,407.9	10,637.9	3,394.3	713.6	186.3	1,392.6	19,936.8	18,544.2	2011 Avg:	626.7	27.2	
2010 MF Total: 2009 MF Total:	152.5 143.8	58.2 54.9	3,515.5	10,973.9	3,501.5	736.1 694.3	192.2	1,436.6 1,355.0	20,566.6 19,397.8	19,130.0 18,042.8	2010 Avg:	668.8 621.9	29.6	
2009 MF Total:	90.4	106.2	3,315.7 3,854.6	10,350.2 9,275.5	3,302.5 6,014.2	441.0	181.3 150.3	529.8	20,461.9	21,951.6	2009 Avg: 2008 Avg:	626.9	28.1 28.7	
2007 MF Total:	93.0	109.4	3,964.5	9,539.0	6,186.5	453.6	154.6	544.9	21,045.5	20,500.6	2007 Avg:	647.0	30.2	
2006 MF Total: 2005 MF Total:	87.1 79.8	104.2 94.5	3,705.6 3,400.4	8,902.9 8,177.0	5,790.8 5,309.0	424.1 389.1	144.6 132.6	509.2 467.3	19,668.4 18,049.7	19,159.2 17,582.4	2006 Avg: 2005 Avg:	605.8 582.3	28.8 27.6	
2003 MF Total:	82.3	30.7	2,690.8	6,638.0	5,556.4	259.6	128.3	464.2	15,850.3	15,386.0	2003 Avg. 2004 Avg:	554.1	26.3	
2003 MF Total:	76.8	28.6	2,509.7	6,190.4	5,180.8	242.0	119.6	432.9	14,780.8	14,347.9	2003 Avg:	532.6	25.6	
2002 MF Total: 2001 MF Total:	71.5 70.0	26.6 26.0	2,331.1 2,282.6	5,754.6 5,636.3	4,822.7 4,725.9	225.3 220.7	111.4 109.2	402.5 394.2	13,745.6 13,465.0	13,343.1 13,070.8	2002 Avg: 2001 Avg:	509.3 550.7	24.5 25.9	
2000 MF Total:	65.0	17.8	2,050.6	5,269.2	4,004.9	179.9	103.5	292.2	11,983.2	11,691.0	2000 Avg:	497.0	25.0	
1999 MF Total:	68.6	NA	1,908.6	5,647.9	2,763.6	87.3	66.4	111.9	10,654.3	10,542.4	1999 Avg:	654.7	27.6	
1998 MF Total: 1997 MF Total:	70.2 68.9	NA NA	1,835.2 1,646.4	5,020.4 4,686.3	2,978.4 2,521.9	99.6 87.3	106.1 114.5	129.0 89.5	10,238.8 9,214.8	10,109.8 9,125.3	1998 Avg: 1997 Avg:	669.2 639.2	28.1 26.8	
1996 MF Total:	69.9	NA NA	1,527.3	3,296.6	3,041.2	78.7	113.3	61.8	8,188.7	8,126.9	1996 Avg:	613.5	24.8	
1995 MF Total:	49.6	NA	1,458.3	2,555.7	2,995.5	13.5	120.0	NA	7,192.4	7,192.4	1995 Avg:	608.2	22.9	
1994 MF Total: 1993 MF Total:	51.3 47.0	NA NA	1,224.6 769.5	3,013.2 2,517.4	1,678.1 435.6	0.8	111.0 85.9	NA NA	6,079.0 3,855.7	6,079.0 3,855.7	1994 Avg: 1993 Avg:	657.8 646.0	23.6 20.2	
1992 MF Total:	3.3	NA	736.2	1,438.5	726.7	NA	68.7	NA	2,973.4	2,973.4	1992 Avg:	753.3	24.4	
1991 MF Total: 1990 MF Total:	0.9 NA	NA NA	410.6 228.7	661.7 500.8	732.7 358.4	NA NA	23.6 6.3	NA NA	1,829.5 1,094.2	1,829.5 1,094.2	1991 Avg:	733.5 712.1	23.4 22.8	
1989 MF Total:	NA NA	NA NA	69.9	42.7	192.8	NA NA	NA	NA NA	305.4	305.4	1990 Avg: 1989 Avg:	/ 12.1 NA	22.8 NA	
MUL	TI FAMILY PE	RCENTAGE	BREAKDOW	N BY MATERIA	AL2 (Estimated	from periodi	c composi	ition studies	s)					
		FERROUS						CONTAM-						
	ALUM	METAL	GLASS	MIXED PAPER	NEWS PAPER	PLASTIC	TIN	INANTS	TOTAL					
2015-2016 Avg: 2009-2014 Avg:	1.0% 0.7%	0.3% 0.3%	<b>25.2%</b> 17.1%	<b>43.5%</b> 53.4%	<b>12.6%</b> 17.0%	<b>4.9%</b> 3.6%	1.0% 0.9%	<b>11.4%</b> 7.0%	100% 100%					
2005-2014 Avg: 2005-2008 Avg:	0.7%	0.5%	18.8%	45.3%	29.4%	2.2%	0.9%	2.6%	100%					
2001-2004Avg:	0.5%	0.2%	17.0%	41.9%	35.1%	1.6%	0.8%	2.9%	100%					
2000 Avg: 1999 Avg:	0.5% 0.6%	0.1% NA	17.1% 17.9%	44.0% 53.0%	33.4% 25.9%	1.5% 0.8%	0.9% 0.6%	2.4% 1.1%	100% 100%					
1998 Avg:	0.7%	NA NA	17.9%	49.0%	29.1%	1.0%	1.0%	1.1%	100%					
1997 Avg:	0.7%	NA	17.9%	50.9%	27.4%	0.9%	1.2%	1.0%	100%					
1996 Avg: 1995 Avg:	0.9% 0.7%	NA NA	18.7% 20.3%	40.3% 35.5%	37.1% 41.6%	1.0% 0.2%	1.4% 1.7%	0.8% NA	100% 100%					
1995 Avg: 1994 Avg:	0.7%	NA NA	20.1%	49.6%	27.6%	0.2%	1.7%	NA NA	100%					
1993 Avg:	1.2%	NA	20.0%	65.3%	11.3%	0.0%	2.2%	NA	100%					
1992 Avg: 2. Recycle Compo	NA NA	NA NA	24.8% 22.4%	48.4% 36.2%	24.4% 40.0%	NA NA	2.3% 1.3%	NA NA	100% 100%					
1990 Avg:	NA NA	NA NA	20.9%	36.2% 45.8%	40.0% 32.8%	NA NA	0.6%	NA NA	100%					
1989 Avg:	NA	NA	22.9%	14.0%	63.1%	NA	0.0%	NA	100%					
1 Multi Enmily refere	to customers that rece	aivo dumnetor garba	an convina Tonnaga	data includes contamins	into									

<sup>1969</sup> AVg: 1NA 1.00% INA 1.00% INA 1.00%

1. Multi Family refers to customers that receive dumpster garbage service. Tonnage data includes contaminants.

2. Recycle Composition Studies are done every 5 years. This report captures the most recent study done in 2015. Composition Studies can be found on the web at: http://www.seattle.gov/util/Documents/Reports/SolidWasteReports/CompositionStudies/index.htm

### TOTAL RESIDENTIAL TONS COLLECTED - CITY OF SEATTLE

		TOTAL	CITY RESIDENT	IAL RECYCLI	NG TONS COLL	LECTED	(Includes c	ontamina	nts)			COMMERCIAL	;	SPECIAL ITEMS	S
Yr	Мо	Recology Cleanscapes	Waste Management	Total Tons	Cumulat	ive Tons						BUSINESS RECYCLE PROGRAM	MOTOR OIL (Gallons)	ELECTRONICS (units)	APPLIANCES (units)
2015	1	3,518.9	3,822.9	7,341.8		7,341.8						307.4	177	8	28
2015	2	2,971.5	3,211.1	6,182.6		13,524.4						295.3	98	12	30
2015	3	3,306.1	3,546.8	6,852.8		20,377.2						317.8	134	15	49
2015	4	3,331.4	3,573.4	6,904.8		27,282.0						292.9	80	10	32
2015	5	3,199.7	3,489.1	6,688.8		33,970.9						306.3	125	5	26
2015	6	3,533.5	3,782.0	7,315.6		41,286.4						315.9	161	4	30
2015	7	3,573.3	3,888.1	7,461.3		48,747.8						318.3	133	3	42
2015	8	3,331.2	3,556.7	6,887.9		55,635.7						330.2	134	8	34
2015	9	3,619.7	3,832.7	7,452.4		63,088.1						309.1	134	1	29
2015	10	3,531.6	3,695.7	7,227.3		70,315.4						291.8	106	8	19
2015	11	3,613.1	3,855.1	7,468.2		77,783.6						306.5	62	4	20
2015	12	4,091.5	4,391.2	8,482.7		86,266.3						321.5	94	5	22
2016	1	3,625.4	3,916.5	7,541.8		7,541.8						269.1	93	2	23
2016	2	3,334.7	3,608.1	6,942.9		14,484.7						262.2	95	1	32
2016	3	3,644.6	3,908.4	7,553.0		22,037.7						312.3	124	22	46
2016	4	3,229.2	3,516.5	6,745.7		28,783.4						290.7	154	14	45
2016	5	3,449.3	3,698.5	7,147.8		35,931.2						308.7	181	8	42
2016	6	3,569.2	3,779.8	7,349.0		43,280.1						322.5	159	14	71
2016	7	3,337.4	3,600.0	6,937.4		50,217.5						335.7	131	21	41
2016	8	3,702.4	3,932.1	7,634.5		57,852.0						362.1	133	14	56
2016	9	3,589.4	3,790.5	7,379.9		65,231.8						330.7	136	14	50
2016	10	3,569.5	3,704.9	7,274.4		72,506.3						353.7	97	7	27
2016	11	3,859.0	4,085.5	7,944.5		80,450.8						362.1	109	1	36
2016	12	3,821.5	4,025.3	7,846.7		88,297.5						402.4	65	13	64
	TO	OTAL CITY PER	RCENTAGE BREA	KDOWN BY	MATERIAL (Est	imated fr	om periodi	c compos	ition stud	dies)		COMMERCIAL		SPECIAL ITEMS	S
												BUSINESS			
						NEWS			CONTAM-	TOTAL	TOTAL	RECYCLE	MOTOR OIL	ELECTRONICS	APPLIANCES
		ALUM	FERROUS METAL	GLASS	MIXED PAPER	NEWS PAPER	PLASTICS	TIN	CONTAM- INANTS	TOTAL w/cont	TOTAL w/o cont	RECYCLE PROGRAM	MOTOR OIL (Gallons)	ELECTRONICS (units)	APPLIANCES (units)
2016 Total:		ALUM 815.2	FERROUS METAL 384.9	GLASS 23,052.0	MIXED PAPER 37,112.4		PLASTICS 4,409.5			w/cont					
<b>2016 Total:</b> 2015 Total:						PAPER		TIN	INANTS	w/cont	w/o cont 78,990.9	PROGRAM	(Gallons)	(units)	(units)
		815.2	384.9	23,052.0	37,112.4	PAPER 12,218.2	4,409.5	TIN 998.7	9,306.6	w/cont 88,297.5	<b>w/o cont</b> <b>78,990.9</b> 77,193.3	PROGRAM 3,912.3	(Gallons) 1,477	(units) 131	(units) 533
2015 Total:		<b>815.2</b> 794.4	<b>384.9</b> 379.3	<b>23,052.0</b> 22,542.2	<b>37,112.4</b> 36,225.9	<b>PAPER</b> <b>12,218.2</b> 11,963.3	<b>4,409.5</b> 4,310.6	998.7 977.7	<b>9,306.6</b> 9,073.0	<b>w/cont</b> <b>88,297.5</b> 86,266.3	<b>w/o cont</b> <b>78,990.9</b> 77,193.3 78,264.1	<b>PROGRAM 3,912.3</b> 3,713.0	(Gallons) 1,477 1,438	(units) 131 83	(units) 533 361
2015 Total: 2014 Total:		<b>815.2</b> 794.4 751.4	<b>384.9</b> 379.3 353.7	<b>23,052.0</b> 22,542.2 14,697.3	<b>37,112.4</b> 36,225.9 41,729.1	<b>PAPER</b> <b>12,218.2</b> 11,963.3 16,143.0	<b>4,409.5</b> 4,310.6 3,584.4	998.7 977.7 1,005.1	9,306.6 9,073.0 4,968.8	w/cont 88,297.5 86,266.3 83,232.9	w/o cont 78,990.9 77,193.3 78,264.1 75,922.9	<b>PROGRAM</b> 3,912.3 3,713.0 3,293.7	(Gallons) 1,477 1,438 1,821	(units) 131 83 49	(units) 533 361 256 222 1,133
2015 Total: 2014 Total: 2013 Total:		<b>815.2</b> 794.4 751.4 730.4	384.9 379.3 353.7 344.5	23,052.0 22,542.2 14,697.3 14,261.4	<b>37,112.4</b> 36,225.9 41,729.1 40,443.4	<b>PAPER 12,218.2</b> 11,963.3 16,143.0 15,681.5	<b>4,409.5</b> 4,310.6 3,584.4 3,484.0	998.7 977.7 1,005.1 977.7	9,306.6 9,073.0 4,968.8 4,809.5	w/cont 88,297.5 86,266.3 83,232.9 80,732.3	w/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,915.9	<b>PROGRAM</b> 3,912.3 3,713.0 3,293.7 3,002.5	(Gallons) 1,477 1,438 1,821 2,445	(units) 131 83 49 98	(units) 533 361 256 222
2015 Total: 2014 Total: 2013 Total: 2012 Total:		815.2 794.4 751.4 730.4 731.0	<b>384.9</b> 379.3 353.7 344.5 345.1	23,052.0 22,542.2 14,697.3 14,261.4 14,261.7	<b>37,112.4</b> 36,225.9 41,729.1 40,443.4 40,423.6	PAPER 12,218.2 11,963.3 16,143.0 15,681.5 15,689.3	<b>4,409.5</b> 4,310.6 3,584.4 3,484.0 3,486.6	998.7 977.7 1,005.1 977.7 978.7	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4	<b>W/cont 88,297.5</b> 86,266.3 83,232.9 80,732.3 80,720.3	<b>w/o cont 78,990.9</b> 77,193.3 78,264.1 75,922.9 75,915.9 75,778.1	9ROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4	(Gallons) 1,477 1,438 1,821 2,445 14,021	(units) 131 83 49 98 352	(units) 533 361 256 222 1,133
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2011 Total:		815.2 794.4 751.4 730.4 731.0 734.3	384.9 379.3 353.7 344.5 345.1 348.6	23,052.0 22,542.2 14,697.3 14,261.4 14,261.7 14,247.1	<b>37,112.4</b> 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2	<b>PAPER 12,218.2</b> 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3	<b>4,409.5</b> 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8	998.7 977.7 1,005.1 977.7 978.7 984.8	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0	w/cont 88,297.5 86,266.3 83,232.9 80,732.3 80,720.3 80,541.0 81,968.0	<b>w/o cont 78,990.9</b> 77,193.3 78,264.1 75,922.9 75,915.9 75,778.1	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035	(units) 131 83 49 98 352 151	(units) 533 361 256 222 1,133 325
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2011 Total: 2010 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1	23,052.0 22,542.2 14,697.3 14,261.4 14,261.7 14,247.1 14,497.3 14,534.9 15,216.3	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6	<b>PAPER 12,218.2</b> 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,800.2	w/cont 88,297.5 86,266.3 83,232.9 80,732.3 80,720.3 80,541.0 81,968.0	<b>w/o cont 78,990.9</b> 77,193.3 78,264.1 75,922.9 75,915.9 75,778.1 77,116.7 77,282.8	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2011 Total: 2010 Total: 2009 Total: 2008 Total: 2007 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7	23,052.0 22,542.2 14,697.3 14,261.4 14,261.7 14,247.1 14,497.3 14,534.9 15,216.3 16,097.0	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7	<b>PAPER</b> 12,218.2 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 16,066.7 27,489.6 29,105.5	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1 3,579.2 1,959.6 2,074.7	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,800.2 1,899.1	w/cont 88,297.5 86,266.3 83,232.9 80,732.3 80,720.3 80,541.0 81,968.0 82,126.2 83,688.6 88,520.3	<b>w/o cont 78,990.9</b> 77,193.3 78,264.1 75,922.9 75,915.9 75,778.1 77,116.7 77,282.8 83,907.9 86,621.1	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2011 Total: 2010 Total: 2009 Total: 2008 Total: 2007 Total: 2006 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7	23,052.0 22,542.2 14,697.3 14,261.4 14,261.7 14,247.1 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7	12,218.2 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 16,066.7 27,489.6 29,105.5 28,450.2	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1 3,579.2 1,959.6 2,074.7 2,027.0	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,800.2 1,899.1 1,847.6	w/cont 88,297.5 86,266.3 83,232.9 80,732.3 80,720.3 80,541.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3	w/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,915.9 75,778.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2011 Total: 2010 Total: 2009 Total: 2008 Total: 2007 Total: 2006 Total: 2005 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1	23,052.0 22,542.2 14,697.3 14,261.7 14,247.1 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3	<b>PAPER 12,218.2</b> 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 16,066.7 27,489.6 29,105.5 28,450.2 27,528.5	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1 3,579.2 1,959.6 2,074.7 2,027.0 1,961.3	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8 677.6	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,800.2 1,899.1 1,847.6 1,778.5	w/cont 88,297.5 86,266.3 83,232.9 80,732.3 80,541.0 81,968.0 82,126.2 83,688.6 85,520.3 86,378.3 83,462.8	w/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,915.9 75,778.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7 81,684.3	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2011 Total: 2010 Total: 2009 Total: 2008 Total: 2006 Total: 2005 Total: 2004 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8 422.2	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1 119.2	23,052.0 22,542.2 14,697.3 14,261.4 14,261.7 14,247.1 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6	<b>PAPER 12,218.2</b> 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 27,489.6 29,105.5 28,450.2 27,528.5 27,488.5	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1 3,579.2 1,959.6 2,074.7 2,027.0 1,961.3 1,712.4	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8 677.6 853.7	9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,800.2 1,899.1 1,847.6 1,778.5 3,006.4	w/cont 88,297.5 86,266.3 83,232.9 80,732.3 80,541.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 83,462.8 80,152.4	w/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,778.1 77,116.7 77,116.7 83,907.9 86,621.1 84,530.7 81,684.3 77,146.0	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2011 Total: 2010 Total: 2009 Total: 2008 Total: 2006 Total: 2006 Total: 2004 Total: 2004 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8 422.2 496.4	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1 119.2	23,052.0 22,542.2 14,697.3 14,261.4 14,261.7 14,247.1 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3 13,069.8	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6 31,523.3	<b>PAPER 12,218.2</b> 11,963.3 16,143.0 15,681.5 15,726.3 15,795.7 16,066.7 27,489.6 29,105.5 28,450.2 27,528.5 27,488.5 26,373.1	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1 3,579.2 1,959.6 2,074.7 2,027.0 1,961.3 1,712.4 1,645.9	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8 677.6 853.7	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,800.2 1,899.1 1,847.6 1,778.5 3,006.4 2,889.7	w/cont 88,297.5 86,266.3 80,732.3 80,720.3 80,541.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 83,462.8 80,152.4 76,913.3	w/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,975.9 75,778.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7 81,584.3 77,146.0	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2011 Total: 2010 Total: 2009 Total: 2008 Total: 2007 Total: 2006 Total: 2005 Total: 2004 Total: 2003 Total: 2003 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8 422.2 496.4 476.8	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1 119.2	23,052.0 22,542.2 14,697.3 14,261.4 14,261.7 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3 13,069.8 12,849.3	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6 31,522.3 30,971.4	PAPER 12,218.2 11,963.3 16,143.0 15,681.5 15,726.3 15,995.7 16,066.7 27,489.6 29,105.5 28,450.2 27,528.5 27,488.5 26,373.1 25,915.2	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1 3,579.2 1,959.6 2,074.7 2,027.0 1,961.3 1,712.4 1,645.9 1,622.7	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8 677.6 853.7 820.5	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,800.2 1,899.1 1,847.6 1,778.5 3,006.4 2,889.7 2,843.0	w/cont 88,297.5 86,266.3 83,232.9 80,732.3 80,541.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 83,462.8 76,913.3 75,592.1	w/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,975.9 75,778.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7 81,684.3 77,146.3	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2011 Total: 2010 Total: 2009 Total: 2008 Total: 2006 Total: 2006 Total: 2004 Total: 2004 Total: 2002 Total: 2002 Total: 2001 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8 422.2 496.4 476.8 469.9	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1 119.2 111.2	23,052.0 22,542.2 14,697.3 14,261.4 14,261.7 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3 13,069.8 12,849.3 12,775.9	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6 31,523.3 30,971.4 30,785.6	PAPER 12,218.2 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 16,066.7 27,489.6 29,105.5 28,450.2 27,528.5 27,488.5 26,373.1 25,915.2 25,760.6	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,550.1 3,579.2 1,959.6 2,074.7 2,027.0 1,961.3 1,712.4 1,645.9 1,622.7 1,614.5	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8 677.6 853.7 820.5 809.4	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,809.2 1,899.1 1,847.6 1,778.5 3,006.4 2,889.7 2,843.0 2,825.7	w/cont 88,297.5 86,266.3 83,232.9 80,720.3 80,541.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 83,462.8 80,152.4 76,913.3 75,592.1 75,145.4	w/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,975.1 77,716.7 77,282.8 83,907.9 86,621.1 84,530.7 81,684.3 77,146.0 74,023.7 74,023.7 72,749.2 72,319.7	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2010 Total: 2010 Total: 2009 Total: 2007 Total: 2006 Total: 2005 Total: 2004 Total: 2003 Total: 2003 Total: 2004 Total: 2007 Total: 2007 Total: 2007 Total: 2007 Total: 2007 Total: 2007 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8 422.2 496.4 476.8 469.9	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1 119.2 114.2 111.2 110.2	23,052.0 22,542.2 14,697.3 14,261.7 14,247.1 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3 13,069.8 12,849.3 12,775.9 14,013.8	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6 31,523.3 30,971.4 30,785.6 30,255.8	PAPER 12,218.2 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 16,066.7 27,489.6 29,105.5 28,450.2 27,528.5 27,488.5 26,373.1 25,915.2 25,760.6 26,504.6	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1 3,579.2 1,959.6 2,074.7 2,027.0 1,961.3 1,712.4 1,645.9 1,622.7	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8 677.6 853.7 820.5 809.4 805.5 851.3	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,800.2 1,847.6 1,778.5 3,006.4 2,889.7 2,843.0 2,825.7 2,724.4	w/cont 88,297.5 86,266.3 83,232.9 80,732.3 80,541.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 83,462.8 80,152.4 76,913.3 75,592.1 75,145.4 76,393.1	w/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,975.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7 81,684.3 77,146.0 74,023.7 72,749.2 72,319.7	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2011 Total: 2010 Total: 2009 Total: 2007 Total: 2007 Total: 2005 Total: 2004 Total: 2003 Total: 2002 Total: 2002 Total: 2003 Total: 2000 Total: 2001 Total: 2001 Total: 2001 Total:		815.2 794.4 751.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8 422.2 496.4 476.8 469.9 467.5 555.2 868.2	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 277.2 263.7 251.1 119.2 114.2 111.2 110.2 103.3 78.2	23,052.0 22,542.2 14,697.3 14,261.7 14,247.1 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3 12,849.3 12,849.3 12,775.9 14,013.8	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6 31,523.3 30,971.4 30,785.6 30,255.8 28,518.0	PAPER 12,218.2 11,963.3 16,143.0 15,681.5 15,689.3 15,796.7 27,489.6 29,105.5 28,450.2 27,528.5 27,488.5 26,373.1 25,915.2 25,760.6 26,504.6 26,710.9	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1 3,579.2 1,959.6 2,074.7 2,027.0 1,961.3 1,712.4 1,645.9 1,622.7 1,614.5 1,622.0 814.5	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8 677.6 853.7 820.5 809.4 805.5 851.3 1,506.3	9,306.6 9,070.4 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 1,800.2 1,899.1 1,847.6 1,778.5 3,006.4 2,849.7 2,843.0 2,825.7 2,724.4 1,138.7	w/cont 88,297.5 86,266.3 80,732.3 80,720.3 80,541.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 83,462.8 80,152.4 76,913.3 75,592.1 75,145.4 76,393.1 74,516.3	W/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,915.9 75,778.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7 81,684.3 77,146.0 74,023.7 72,749.2 72,319.7 73,996.0 73,977.6	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2011 Total: 2010 Total: 2009 Total: 2008 Total: 2006 Total: 2005 Total: 2004 Total: 2003 Total: 2002 Total: 2001 Total: 2001 Total: 2001 Total: 2001 Total: 2001 Total: 1999 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8 422.2 496.4 476.8 469.9 467.5 555.5 868.2 833.0	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1 119.2 114.2 110.2 103.3 78.2 75.9	23,052.0 22,542.2 14,697.3 14,261.4 14,261.7 14,247.1 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3 13,069.8 12,849.3 12,775.9 14,013.8 14,877.8 14,223.1	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6 31,523.3 30,971.4 30,785.6 30,255.8 28,518.0 26,898.0	PAPER 12,218.2 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 27,489.6 29,105.5 28,450.2 27,528.5 27,528.5 26,373.1 25,915.2 25,760.6 26,710.9 25,847.3	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1 3,579.2 1,959.6 2,074.7 2,027.0 1,961.3 1,712.4 1,645.9 1,622.7 1,614.5 1,622.0 814.5 794.2	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8 677.6 853.7 820.5 809.4 805.5 851.3 1,506.3	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 1,800.2 1,899.1 1,847.6 1,778.3 2,843.0 2,825.7 2,724.1 1,138.7 1,122.3	w/cont 88,297.5 86,266.3 80,732.3 80,720.3 80,541.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 83,462.8 80,152.4 76,913.3 75,592.1 75,145.4 76,393.1 74,516.3 71,271.5	w/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,915.9 75,778.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7 81,684.3 77,146.0 74,023.7 72,749.2 72,319.7 73,906.0 73,907.6 70,149.2	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2011 Total: 2011 Total: 2009 Total: 2008 Total: 2006 Total: 2006 Total: 2004 Total: 2004 Total: 2002 Total: 2001 Total: 2000 Total: 2000 Total: 2001 Total: 2001 Total: 2001 Total: 2001 Total: 2001 Total: 2001 Total: 2001 Total: 2001 Total: 2001 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8 422.2 496.4 476.8 469.9 467.5 555.2 868.2 833.0	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1 119.2 111.2 110.2 103.3 75.9 71.0	23,052.0 22,542.2 14,697.3 14,261.4 14,261.7 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3 13,069.8 12,849.3 12,775.9 14,013.8 14,877.8 14,223.1 13,675.5	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6 31,523.3 30,971.4 30,785.6 30,255.8 28,518.0 26,898.0 25,920.0	PAPER 12,218.2 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 16,066.7 27,489.6 29,105.5 28,450.2 27,528.5 27,528.5 26,373.1 25,915.2 25,760.6 26,504.6 26,710.9 25,847.3 24,729.9	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1 3,579.2 1,959.6 2,074.7 2,027.0 1,961.3 1,712.4 1,645.9 1,622.7 1,614.5 1,622.7 1,614.5 7,94.2 761.8	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8 677.6 853.7 820.5 809.4 805.5 851.3 1,506.3 1,506.3	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,800.2 1,899.1 1,847.6 1,778.5 3,006.4 2,843.0 2,825.7 2,724.4 1,138.7 1,122.3 1,050.1	w/cont 88,297.5 86,266.3 80,732.3 80,720.3 80,541.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 80,152.4 76,913.3 75,592.1 75,145.4 76,393.1 74,516.3 71,271.5 68,469.3	W/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,915.9 75,778.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7 81,684.3 77,146.0 74,023.7 72,749.2 72,319.7 73,906.0 73,377.6 70,149.2 67,419.2	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2012 Total: 2010 Total: 2010 Total: 2008 Total: 2006 Total: 2005 Total: 2005 Total: 2004 Total: 2007 Total: 2007 Total: 2007 Total: 2007 Total: 2008 Total: 2009 Total: 2000 Total: 2001 Total: 2000 Total: 1998 Total: 1998 Total: 1998 Total: 1997 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8 422.2 496.4 476.8 469.9 467.5 555.2 868.2 833.0 809.9	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1 119.2 114.2 110.2 103.3 78.2 75.9 71.0 72.5	23,052.0 22,542.2 14,697.3 14,261.7 14,247.1 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3 12,849.3 12,775.9 14,013.8 14,827.8 14,223.1 13,675.5 12,776.7	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6 31,523.3 30,971.4 30,785.6 30,255.8 28,518.0 26,898.0 25,920.0 23,152.0	PAPER 12,218.2 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 16,066.7 27,489.6 29,105.5 28,450.2 27,528.5 27,488.5 26,373.1 25,915.2 25,760.6 26,504.6 26,710.9 25,847.3 24,729.9 23,810.2	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,550.1 3,579.2 1,959.6 2,074.7 2,027.0 1,961.3 1,712.4 1,645.9 1,622.7 1,614.5 1,622.0 814.5 794.2 761.8 709.5	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8 677.6 853.7 820.5 809.4 805.5 851.3 1,476.8 1,446.8 1,359.1	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,809.2 1,899.1 1,847.6 1,778.5 3,006.4 2,882.7 2,843.0 2,825.7 2,724.4 1,138.7 1,122.3 1,050.1 1,959.3	w/cont 88,297.5 86,266.3 80,720.3 80,720.3 80,541.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 83,462.8 80,152.4 76,913.3 75,592.1 75,145.4 76,393.1 74,516.3 71,271.5 68,469.3 63,600.7	w/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,915.9 75,778.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7 81,684.3 77,146.0 74,023.7 72,749.2 72,319.7 73,906.0 73,377.6 73,149.2 67,449.2 62,641.4	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
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2015 Total: 2014 Total: 2013 Total: 2012 Total: 2010 Total: 2009 Total: 2008 Total: 2007 Total: 2008 Total: 2007 Total: 2005 Total: 2004 Total: 2004 Total: 2002 Total: 2004 Total: 2005 Total: 2007 Total: 2008 Total: 2009 Total: 2009 Total: 2009 Total: 1999 Total: 1999 Total: 1998 Total: 1998 Total: 1996 Total: 1996 Total: 1996 Total: 1997 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8 422.2 496.4 476.8 469.9 467.5 555.2 868.2 833.0 809.9 763.0 757.3 747.6 699.8	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1 119.2 111.2 110.2 103.3 78.2 75.9 71.0 72.5 71.3 66.9 NA	23,052.0 22,542.2 14,697.3 14,261.4 14,261.7 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3 13,069.8 12,849.3 12,775.9 14,013.8 14,877.8 14,223.1 13,675.5 12,776.7 12,949.0 12,532.0 11,376.3	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6 31,523.3 30,971.4 30,785.6 30,255.8 28,518.0 26,898.0 25,920.0 23,152.0 22,844.4 22,980.7 21,259.5	PAPER 12,218.2 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 16,066.7 27,489.6 29,105.5 28,450.2 27,528.5 27,528.5 26,373.1 25,915.2 25,760.6 26,504.6 26,710.9 25,847.3 24,729.9 23,810.2 24,208.9 22,552.7 20,014.8	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1 3,579.2 1,959.6 2,074.7 2,027.0 1,961.3 1,712.4 1,645.9 1,622.7 1,614.5 1,622.0 814.5 794.2 761.8 709.5 657.8	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8 677.6 853.7 820.5 809.4 805.5 851.3 1,506.3 1,475.8 1,446.3 1,391.3 1,391.5 1,391.5	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 1,800.2 1,899.1 1,847.6 1,778.5 3,006.4 2,889.7 2,843.0 2,825.7 2,724.4 1,138.7 1,122.3 1,050.1 959.3 919.6 905.9 854.4	w/cont 88,297.5 86,266.3 83,232.9 80,732.3 80,541.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 83,462.8 80,152.4 76,913.3 75,592.1 75,145.4 76,393.1 74,516.3 71,271.5 68,469.3 63,600.7 63,800.8 61,786.7 56,123.7	W/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,915.9 75,778.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7 81,684.3 77,146.0 74,023.7 72,749.2 72,319.7 73,907.6 70,149.2 62,641.4 62,881.2 60,880.8 55,232.1	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2013 Total: 2011 Total: 2010 Total: 2009 Total: 2008 Total: 2006 Total: 2005 Total: 2005 Total: 2004 Total: 2001 Total: 2002 Total: 2001 Total: 2000 Total: 2001 Total: 2001 Total: 1999 Total: 1999 Total: 1998 Total: 1996 Total: 1995 Total: 1996 Total: 1995 Total: 1996 Total: 1996 Total: 1997 Total: 1998 Total: 1999 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8 422.2 496.4 476.8 469.9 467.5 555.2 868.2 833.0 809.9 763.0 757.3 747.6 699.8 866.1	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1 119.2 111.2 110.2 103.3 78.2 75.9 71.0 72.5 71.3 66.9 NA	23,052.0 22,542.2 14,697.3 14,261.4 14,261.7 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3 12,775.9 14,013.8 14,877.8 14,223.1 13,675.5 12,776.7 12,949.0 12,532.0 11,376.3 11,438.2	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6 31,523.3 30,971.4 30,785.6 30,255.8 28,518.0 26,898.0 25,920.0 23,152.0 22,844.4 22,980.7 21,259.5 19,049.1	PAPER 12,218.2 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 16,066.7 27,488.5 26,373.1 25,915.2 25,760.6 26,504.6 26,710.9 25,847.3 24,729.9 23,810.2 24,208.9 22,014.8 18,139.6	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1 3,579.2 1,959.2 1,959.3 1,712.4 1,645.9 1,622.7 1,614.5 1,622.7 1,614.5 1,622.7 61.8 709.5 657.8 634.9 557.8 288.8	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8 677.6 853.7 820.5 809.4 805.5 851.3 1,506.3 1,506.3 1,407.8 1,446.3 1,359.1 1,391.3 1,361.5 1,257.0 1,478.6	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,800.2 1,899.1 1,847.6 1,778.5 3,006.4 2,825.7 2,724.4 1,138.7 1,122.3 1,050.1 959.3 919.6 905.9 854.4 1,259.6	w/cont 88,297.5 86,266.3 80,732.3 80,720.3 80,541.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 80,152.4 76,913.3 75,592.1 75,145.4 76,393.1 74,516.3 71,271.5 68,469.3 63,600.7 63,800.8 61,786.7 56,123.7 52,520.0	W/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,915.9 75,778.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7 81,684.3 77,146.0 74,023.7 72,749.2 72,319.7 73,906.0 73,377.6 70,149.2 62,641.4 62,881.2 60,880.8 55,232.1 51,260.4	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2013 Total: 2011 Total: 2010 Total: 2008 Total: 2008 Total: 2007 Total: 2006 Total: 2005 Total: 2005 Total: 2004 Total: 2001 Total: 2001 Total: 2002 Total: 2001 Total: 2000 Total: 1998 Total: 1998 Total: 1998 Total: 1997 Total: 1997 Total: 1996 Total: 1997 Total: 1997 Total: 1998 Total: 1997 Total: 1998 Total: 1999 Total: 1999 Total: 1991 Total: 1992 Total: 1991 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8 422.2 496.4 476.8 469.9 467.5 555.2 868.2 833.0 809.9 763.0 757.3 747.6 699.8 866.1 685.5	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1 119.2 111.2 110.2 103.3 78.2 75.9 71.0 72.5 71.3 66.9 NA NA	23,052.0 22,542.2 14,697.3 14,261.7 14,261.7 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3 12,775.9 14,013.8 14,877.8 14,223.1 13,675.5 12,776.7 12,949.0 12,532.0 11,376.3 11,438.2 9,951.0	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6 31,523.3 30,971.4 30,785.6 30,255.8 28,518.0 26,898.0 25,920.0 23,152.0 22,844.4 22,980.7 21,259.5 19,049.1 20,199.5	PAPER 12,218.2 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 16,066.7 27,489.6 29,105.5 28,450.2 27,528.5 27,488.5 26,373.1 25,915.2 25,760.6 26,504.6 26,710.9 25,847.3 24,729.9 23,810.2 24,208.9 22,552.7 20,014.8 8,139.6 16,835.9	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,550.1 3,579.2 1,959.6 2,074.7 2,027.0 1,961.3 1,712.4 1,645.9 1,622.7 1,614.5 1,622.0 814.5 794.2 761.8 709.5 657.8 634.9 557.8 288.8 268.3	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 676.6 853.7 820.5 851.3 1,506.3 1,475.8 1,446.3 1,359.1 1,391.3 1,257.0 1,478.6 1,478.6	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,809.2 1,899.1 1,847.6 1,778.5 3,006.4 2,882.7 2,724.4 1,138.7 1,122.3 1,050.1 959.3 919.6 905.9 854.4 1,259.6 1,004.4	w/cont 88,297.5 86,266.3 80,720.3 80,741.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 83,462.8 80,152.4 76,913.3 75,592.1 75,145.4 76,393.1 74,516.3 63,600.7 63,800.8 61,786.7 56,123.7 52,520.0 50,392.0	W/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,915.9 75,778.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7 81,684.3 77,146.0 73,777.4 72,749.2 72,319.7 73,976.0 73,377.6 62,641.4 62,881.2 60,880.8 55,232.1 51,260.4 49,387.5	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2013 Total: 2011 Total: 2010 Total: 2009 Total: 2009 Total: 2006 Total: 2005 Total: 2004 Total: 2004 Total: 2002 Total: 2001 Total: 2001 Total: 2003 Total: 2004 Total: 2004 Total: 2007 Total: 2008 Total: 2009 Total: 2009 Total: 2009 Total: 2009 Total: 2009 Total: 1999 Total: 1999 Total: 1999 Total: 1996 Total: 1994 Total: 1994 Total: 1994 Total: 1995 Total: 1994 Total: 1995 Total: 1999 Total: 1999 Total: 1999 Total: 1999 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.8 422.2 496.4 476.8 469.9 467.5 555.2 868.2 833.0 809.9 767.3 747.6 699.8 866.1 685.5	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1 119.2 114.2 110.2 103.3 78.2 75.9 71.0 72.5 71.3 66.9 NA NA NA	23,052.0 22,542.2 14,697.3 14,261.7 14,261.7 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3 13,069.8 12,849.3 12,775.9 14,013.8 14,877.8 14,223.1 13,675.5 12,776.7 12,949.0 12,532.0 11,376.3 11,438.2 9,951.0 9,325.6	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6 31,523.3 30,971.4 30,785.6 30,255.8 28,518.0 26,898.0 25,920.0 23,152.0 22,844.4 22,980.7 21,259.5 19,049.1 20,199.5 17,702.6	PAPER 12,218.2 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 27,489.6 29,105.5 28,450.2 27,528.5 27,488.5 26,373.1 25,916.6 26,501.6 26,710.9 25,847.3 24,729.9 23,810.2 24,208.9 22,552.7 20,014.8 18,139.6 16,835.9 17,731.4	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,560.1 3,579.2 1,959.6 2,0774.7 2,027.0 1,961.3 1,712.4 1,645.9 1,622.0 814.5 794.2 761.8 709.5 657.8 634.9 557.8 288.8 268.3 163.1	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 716.0 699.8 677.6 853.7 820.5 809.4 805.5 851.3 1,506.3 1,475.8 1,446.3 1,391.3 1,361.5 1,257.0 1,478.6	9,306.6 9,070.4 9,968.8 4,809.5 4,804.4 4,763.0 4,851.3 1,800.2 1,899.1 1,847.6 1,778.5 3,006.4 2,889.7 2,843.0 2,825.7 1,122.3 1,050.1 959.3 1,050.1 959.3 854.4 1,259.6 1,004.4 685.9	w/cont 88,297.5 86,266.3 80,732.3 80,720.3 80,741.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 75,592.1 75,145.4 76,913.3 71,271.5 68,469.3 71,271.5 68,469.3 63,600.7 63,800.8 61,786.7 52,520.0 50,392.0 47,816.8	W/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,975.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7 81,684.3 77,146.0 74,023.7 72,749.2 72,319.7 70,149.2 67,419.2 62,641.4 62,881.2 60,880.8 55,232.1 54,7130.9	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483
2015 Total: 2014 Total: 2013 Total: 2013 Total: 2011 Total: 2010 Total: 2009 Total: 2007 Total: 2006 Total: 2005 Total: 2005 Total: 2004 Total: 2003 Total: 2004 Total: 2001 Total: 2002 Total: 2001 Total: 2000 Total: 1999 Total: 1999 Total: 1997 Total: 1997 Total: 1996 Total: 1996 Total: 1997 Total: 1994 Total: 1993 Total: 1994 Total: 1993 Total:		815.2 794.4 751.4 730.4 731.0 734.3 746.7 750.8 420.3 445.6 435.8 422.2 496.4 476.8 469.9 467.5 555.2 868.2 833.0 809.9 763.0 757.3 747.6 699.8 866.1 685.5	384.9 379.3 353.7 344.5 345.1 348.6 354.2 357.3 257.1 270.7 263.7 251.1 119.2 111.2 110.2 103.3 78.2 75.9 71.0 72.5 71.3 66.9 NA NA	23,052.0 22,542.2 14,697.3 14,261.7 14,261.7 14,497.3 14,534.9 15,216.3 16,097.0 15,702.5 15,170.3 13,620.3 12,775.9 14,013.8 14,877.8 14,223.1 13,675.5 12,776.7 12,949.0 12,532.0 11,376.3 11,438.2 9,951.0	37,112.4 36,225.9 41,729.1 40,443.4 40,423.6 40,236.2 40,961.6 40,986.1 35,869.8 37,911.7 36,951.7 35,673.3 32,855.6 31,523.3 30,971.4 30,785.6 30,255.8 28,518.0 26,898.0 25,920.0 23,152.0 22,844.4 22,980.7 21,259.5 19,049.1 20,199.5	PAPER 12,218.2 11,963.3 16,143.0 15,681.5 15,689.3 15,726.3 15,995.7 16,066.7 27,489.6 29,105.5 28,450.2 27,528.5 27,488.5 26,373.1 25,915.2 25,760.6 26,504.6 26,710.9 25,847.3 24,729.9 23,810.2 24,208.9 22,552.7 20,014.8 8,139.6 16,835.9	4,409.5 4,310.6 3,584.4 3,484.0 3,486.6 3,500.8 3,550.1 3,579.2 1,959.6 2,074.7 2,027.0 1,961.3 1,712.4 1,645.9 1,622.7 1,614.5 1,622.0 814.5 794.2 761.8 709.5 657.8 634.9 557.8 288.8 268.3	998.7 977.7 1,005.1 977.7 978.7 984.8 1,001.2 1,007.7 675.8 676.6 853.7 820.5 851.3 1,506.3 1,475.8 1,446.3 1,359.1 1,391.3 1,257.0 1,478.6 1,478.6	9,306.6 9,073.0 4,968.8 4,809.5 4,804.4 4,763.0 4,851.3 4,843.5 1,809.2 1,899.1 1,847.6 1,778.5 3,006.4 2,882.7 2,724.4 1,138.7 1,122.3 1,050.1 959.3 919.6 905.9 854.4 1,259.6 1,004.4	w/cont 88,297.5 86,266.3 80,732.3 80,741.0 81,968.0 82,126.2 83,688.6 88,520.3 86,378.3 83,462.8 80,152.4 76,913.3 75,592.1 75,145.4 76,393.1 74,516.3 71,271.5 68,469.3 63,600.7 63,800.8 61,786.7 56,123.7 52,520.0 50,392.0 47,816.8 41,165.0	W/o cont 78,990.9 77,193.3 78,264.1 75,922.9 75,975.1 77,116.7 77,282.8 83,907.9 86,621.1 84,530.7 81,684.3 77,146.0 74,023.7 72,749.2 72,319.7 70,149.2 67,419.2 62,641.4 62,881.2 60,880.8 55,232.1 54,7130.9	PROGRAM 3,912.3 3,713.0 3,293.7 3,002.5 2,874.4 2,689.7 2,896.5	(Gallons) 1,477 1,438 1,821 2,445 14,021 3,035 3,105	(units) 131 83 49 98 352 151 147	(units) 533 361 256 222 1,133 325 483

July 25-Aug 2, 2012: Waste Management work stoppage due to strike.

March 30, 2009: New contracts began. Cleanscapes and Waste Management are contracted haulers.

Business Recycling tons included in residential tons prior to 2009.

Jan 2005: Ban on recycle in garbage (except plastics) began

April 2000: New contract begins. Allied Waste and Waste Mangement are contracted haulers

New materials (polycoated paper, aseptic packaging and additional plastics) added to program

Jan 2000: New Billing system (Banner/CCSS)

