

RECYCLING PROGRAMS (Revised¹)

4th Quarter 2015

Seattle Public Utilities, Economic Services Section

Report Date: June 14, 2016

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Tonnage Breakdown

Single Family Tons (Without Contaminants)

Q4 2015:	14,380 Tons	0.5%	decrease vs. same period in 2014
Cumulative Single Family:	54,314 Tons	3.1%	decrease vs. same period in 2014

Multi Family Tons (Without Contaminants)

Q4 2015:	6,358 Tons	7.4%	increase vs. same period in 2014
Cumulative Multi Family:	22,880 Tons	3.0%	increase vs. same period in 2014

Total Residential Tons (Without Contaminants)

Q4 2015:	20,737 Tons	1.8%	increase vs. same period in 2014
Cumulative Residential:	77,193 Tons	1.4%	decrease vs. same period in 2014

Business Tons (Includes Contaminants)

Q4 2015:	920 Tons	8.2%	increase vs. same period in 2014
Cumulative Small Business:	3,713 Tons	12.7%	increase vs. same period in 2014

Selected Statistics

Average Monthly Pounds Recyclables collected per Household YTD

Single Family:	64.5	(156,380 households)
Multi Family:	30.6	(142,773 households)

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)

¹ 2015 recycling tonnage numbers have been updated using the results of the 2015 recycle composition study completed May 2016.

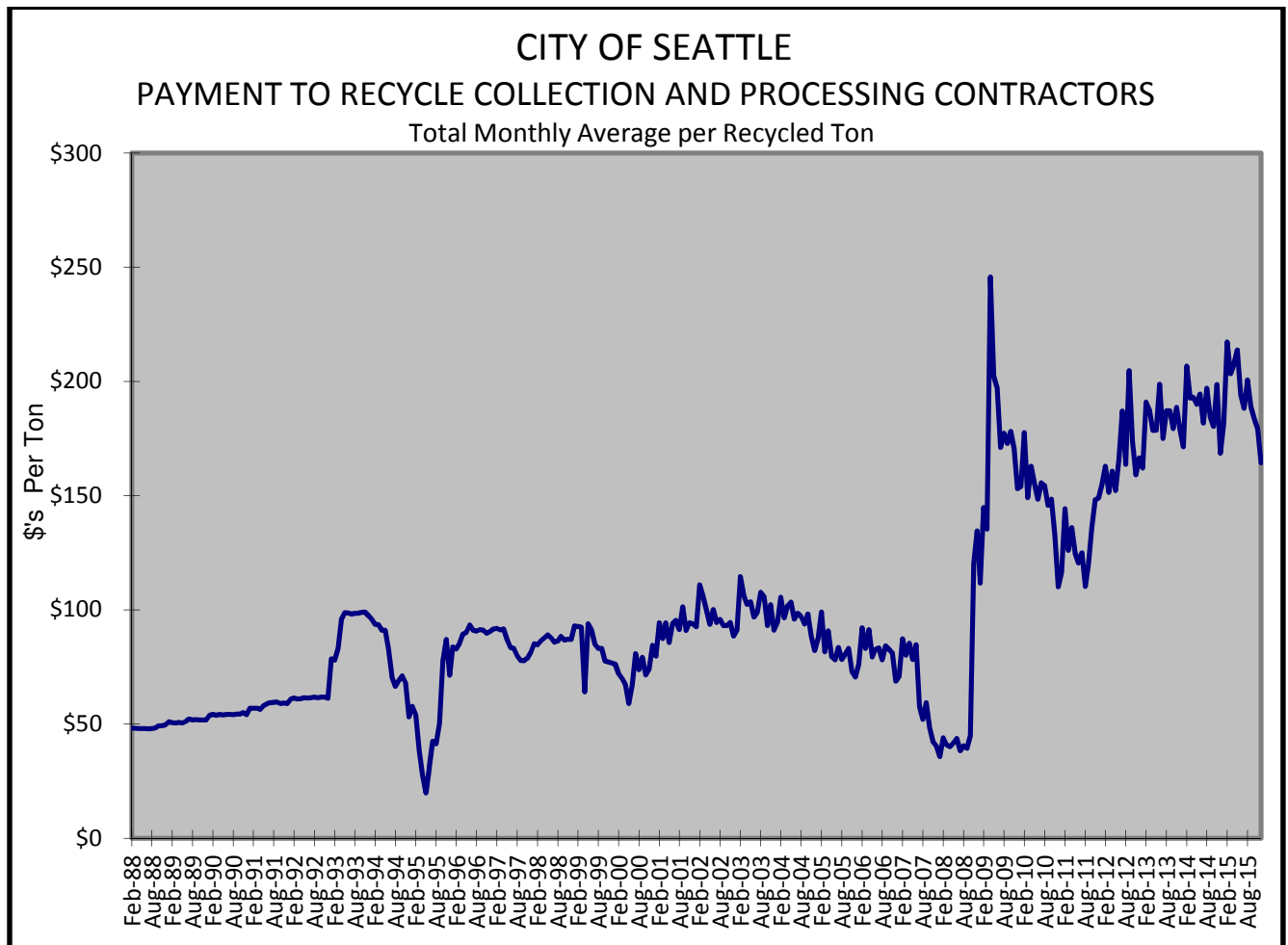
Program Costs²

Citywide Yearly Cumulative Average Cost/Ton

1988	\$48.55	1995	\$50.27	2002	\$96.46	2009	\$171.38
1989	\$51.33	1996	\$89.15	2003	\$100.62	2010	\$148.54
1990	\$54.20	1997	\$84.59	2004	\$95.82	2011	\$129.41
1991	\$58.28	1998	\$86.88	2005	\$81.72	2012	\$166.45
1992	\$61.41	1999	\$86.39	2006	\$81.44	2013	\$182.29
1993	\$93.25	2000 ³	\$72.78	2007	\$64.83	2014	\$187.54
1994	\$77.38	2001	\$91.64	2008	\$54.28	2015	\$192.57

Avg. Cost for 4th Quarter 2015: \$175.19

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



² 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.

³ As of April 2000 recycling program costs include single family, multi-family (apartment) and small business programs. Prior to April 2000, the costs shown are only for the single family program.

SINGLE FAMILY TONS COLLECTED - CITY OF SEATTLE

SINGLE FAMILY CAN TONS COLLECTED (Includes contaminants)						SINGLE FAMILY CAN CUSTOMER DATA						
Yr	Mo	Recology Cleanscapes	Waste Management	Total Single Family Tons	Cumulative Single Family Tons	Recology Cleanscapes Curb Bldgs	Waste Management Curb Bldgs	Total Curb Bldgs	Recology Cleanscapes Curb Households	Waste Management Curb Households	Total Curb Households	LBS PER HOUSEHOLD
2014	1	2,415.5	3,112.5	5,528.0	5,528.0	57,883	90,834	148,717	60,992	94,162	155,154	71.3
2014	2	1,885.2	2,445.9	4,331.1	9,859.1	57,887	90,851	148,738	60,995	94,178	155,173	55.8
2014	3	2,039.7	2,634.5	4,674.1	14,533.3	57,898	90,902	148,800	61,009	94,224	155,233	60.2
2014	4	2,094.8	2,741.2	4,836.0	19,369.2	57,961	90,978	148,939	61,080	94,292	155,372	62.3
2014	5	2,182.0	2,785.2	4,967.2	24,336.4	58,022	91,067	149,089	61,193	94,389	155,582	63.9
2014	6	2,105.9	2,731.3	4,837.2	29,173.6	58,059	91,126	149,185	61,220	94,447	155,667	62.1
2014	7	2,253.9	2,948.3	5,202.2	34,375.8	58,082	91,150	149,232	61,232	94,487	155,719	66.8
2014	8	2,033.3	2,662.6	4,695.9	39,071.7	58,094	91,181	149,275	61,221	94,522	155,743	60.3
2014	9	2,181.5	2,802.3	4,983.9	44,055.6	58,115	91,208	149,323	61,243	94,556	155,799	64.0
2014	10	2,228.8	2,856.6	5,085.4	49,141.0	58,075	91,192	149,267	61,190	94,531	155,721	65.3
2014	11	2,015.2	2,559.9	4,575.1	53,716.1	58,085	91,169	149,254	61,195	94,507	155,702	58.8
2014	12	2,469.6	3,166.9	5,636.5	59,352.6	58,095	91,214	149,309	61,195	94,605	155,800	72.4
2015	1	2,296.1	2,966.3	5,262.4	5,262.4	58,100	91,202	149,302	61,145	94,601	155,746	67.6
2015	2	1,888.9	2,448.4	4,337.3	9,599.7	58,121	91,234	149,355	61,149	94,653	155,802	55.7
2015	3	2,081.2	2,696.6	4,777.8	14,377.5	58,159	91,315	149,474	61,189	94,739	155,928	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	7	2,259.9	2,999.3	5,259.2	34,384.6	58,346	91,629	149,975	61,380	95,069	156,449	67.2
2015	8	2,105.0	2,724.1	4,829.1	39,213.7	58,364	91,657	150,021	61,367	95,113	156,480	61.7
2015	9	2,290.0	2,930.0	5,220.0	44,433.7	58,380	91,670	150,050	61,399	95,131	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	58,291	91,638	149,929	61,299	95,081	156,380	75.2
SINGLE FAMILY TONNAGE BY MATERIAL DATA (Estimated from periodic composition studies)												AVG LBS PER HOUSEHOLD
	ALUM	FERROUS METAL	GLASS	MIXED PAPER	NEWS PAPER	PLASTICS	TIN	CONTAMINANTS	TOTAL w/cont	TOTAL w/o cont		
2015 SF Total:	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 Total:	574.3	286.1	10,615.4	28,987.1	12,077.3	2,729.7	782.0	3,300.7	59,352.6	56,051.9	63.6	
2013 SF Total:	563.9	280.9	10,423.2	28,462.3	11,858.7	2,680.3	767.8	3,241.0	58,278.2	55,037.2	62.6	
2012 SF Total:	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 Total:	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 Total:	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 Total:	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 Total:	329.9	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	
2007 SF Total:	352.6	161.2	12,132.4	28,372.8	22,919.0	1,621.1	561.4	1,354.2	67,474.7	66,120.5	72.6	
2006 SF Total:	348.7	159.4	11,996.9	28,048.8	22,659.4	1,602.9	555.2	1,338.5	66,709.9	65,371.5	72.5	
2005 SF Total:	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 Total:	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 Total:	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 Total:	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 Total:	397.4	84.2	10,493.3	25,149.3	21,034.7	1,393.8	696.3	2,431.5	61,680.4	59,249.0	66.6	
2000 SF Total:	490.2	85.5	11,963.1	24,986.6	22,499.7	1,442.1	747.8	2,432.2	64,410.0	62,215.0	69.9	
1999 SF Total:	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 Total:	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 Total:	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 Total:	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 Total:	707.7	72.5	11,490.8	20,288.7	21,213.5	644.3	1,271.3	919.6	56,608.4	55,688.7	63.1	
1994 SF Total:	696.3	71.3	11,307.4	19,967.5	20,874.6	634.0	1,250.6	905.9	55,707.7	54,801.8	61.6	
1993 SF Total:	652.8	66.9	10,606.8	18,742.1	19,579.3	557.5	1,171.0	854.4	52,288.0	51,376.4	57.7	
1992 SF Total:	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 Total:	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 Total:	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 Total:	433.2	NA	8,671.4	15,149.6	15,115.6	88.9	1,279.9	121.0	40,859.6	40,738.6	46.2	
1988 SF Total:	242.3	NA	4,833.6	7,739.7	10,481.4	0.0	649.2	39.4	23,985.6	23,946.2	31.9	
TOTAL CITY SINGLE FAMILY PERCENTAGE BREAKDOWN BY MATERIAL (Estimated from periodic composition studies) ²												
	ALUM	FERROUS METAL	GLASS	MIXED PAPER	NEWS PAPER	PLASTICS	TIN	CONTAMINANTS	TOTAL			
2015 Avg:	0.9%	0.5%	26.5%	41.3%	14.4%	5.0%	1.2%	10.1%	100%			
2009-2014 Avg:	1.0%	0.5%	17.9%	48.8%	20.3%	4.6%	1.3%	5.6%	100%			
2005-2008 Avg:	0.5%	0.2%	18.0%	42.0%	34.0%	2.4%	0.8%	2.0%	100%			
2001-2004 Avg:	0.6%	0.1%	17.0%	40.8%	34.1%	2.3%	1.1%	3.9%	100%			
2000 Avg:	0.8%	0.1%	18.6%	38.8%	34.9%	2.2%	1.2%	3.8%	100%			
1993-1999 Avg:	1.2%	0.1%	20.3%	35.9%	37.5%	1.1%	2.2%	1.6%	100%			
1992 Avg:	1.7%	NA	21.6%	35.5%	35.1%	0.6%	2.8%	2.5%	100%			
1991 Avg:	1.4%	NA	19.6%	40.2%	33.2%	0.6%	2.9%	2.1%	100%			
1990 Avg:	1.9%	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	20.2%	32.3%	43.7%	0.0%	2.7%	0.2%	100%			

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

2 Composition Studies can be found on the web at: <http://www.seattle.gov/util/Documents/Reports/SolidWasteReports/CompositionStudies/index.htm>

MULTI FAMILY TONS COLLECTED - CITY OF SEATTLE

MULTI FAMILY TONS COLLECTED (Includes contaminants)					MULTIFAMILY CUSTOMER DATA ¹									
Yr	Mo	Recology	Waste	Total Multi	Cumulative Multi	Recology	Waste	Total Apt	RCS Apt	WM Apt	Total Apt	Units/Bldg	Lbs/Bldg	Lbs/Unit
		Cleanscapes	Management	Family Tons	Family Tons	Cleanscapes	Management	Bldgs	Units	Units	Units			
						Curb Bldgs	Apt Bldgs							
2014	1	1,209.7	851.0	2,060.7	2,060.7	3,260	2,338	5,598	88,472	43,895	132,367	24	736.2	31.1
2014	2	1,052.3	735.6	1,787.9	3,848.6	3,258	2,340	5,598	88,325	43,910	132,235	24	638.8	27.0
2014	3	1,131.8	812.2	1,944.1	5,792.7	3,262	2,341	5,603	88,553	44,019	132,572	24	693.9	29.3
2014	4	1,145.5	784.0	1,929.5	7,722.2	3,267	2,347	5,614	89,214	44,467	133,681	24	687.4	28.9
2014	5	1,138.3	806.7	1,945.0	9,667.2	3,277	2,348	5,625	89,661	44,479	134,140	24	691.6	29.0
2014	6	1,141.4	736.6	1,878.0	11,545.2	3,281	2,353	5,634	90,015	44,589	134,604	24	666.7	27.9
2014	7	1,219.8	823.6	2,043.4	13,588.6	3,284	2,352	5,636	90,102	44,575	134,677	24	725.1	30.3
2014	8	1,136.2	762.9	1,899.2	15,487.8	3,294	2,353	5,647	90,587	44,628	135,215	24	672.6	28.1
2014	9	1,217.7	813.3	2,031.0	17,518.8	3,300	2,356	5,656	91,161	45,081	136,242	24	718.2	29.8
2014	10	1,275.8	869.6	2,145.4	19,664.2	3,308	2,360	5,668	92,366	45,082	137,448	24	757.0	31.2
2014	11	1,150.3	788.6	1,938.9	21,603.1	3,311	2,362	5,673	92,584	45,098	137,682	24	683.6	28.2
2014	12	1,331.3	945.9	2,277.2	23,880.3	3,311	2,364	5,675	92,962	45,131	138,093	24	802.5	33.0
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	1,082.5	762.8	1,845.3	3,924.7	3,328	2,368	5,696	93,703	45,204	138,907	24	647.9	26.6
2015	3	1,224.8	850.2	2,075.0	5,999.8	3,326	2,374	5,700	93,677	45,386	139,063	24	728.1	29.8
2015	4	1,219.7	817.9	2,037.6	8,037.4	3,324	2,378	5,702	93,681	45,630	139,311	24	714.7	29.3
2015	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	1,306.7	861.0	2,167.7	12,161.1	3,339	2,390	5,729	94,616	46,324	140,940	25	756.7	30.8
2015	7	1,313.3	888.8	2,202.1	14,363.2	3,342	2,398	5,740	94,620	46,334	140,954	25	767.3	31.2
2015	8	1,226.2	832.6	2,058.8	16,422.0	3,372	2,403	5,775	94,789	46,699	141,488	25	713.0	29.1
2015	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	1,344.9	894.9	2,239.8	20,894.3	3,393	2,404	5,797	95,513	46,612	142,125	25	772.8	31.5
2015	11	1,372.0	961.5	2,333.5	23,227.7	3,396	2,409	5,805	95,580	46,814	142,394	25	803.9	32.8
2015	12	1,525.8	1,079.1	2,604.9	25,832.6	3,409	2,414	5,823	96,081	46,692	142,773	25	894.7	36.5
TOTAL MULTIFAMILY PERCENTAGE BREAKDOWN BY MATERIAL (Estimated from periodic composition studies)												Customer Data		
	FERROUS									TOTAL w/o cont	TOTAL w/o cont	Avg		
	ALUM	METAL	GLASS	MIXED PAPER	NEWSPAPER	PLASTICS	TIN	CONTAM-INANTS	Lbs/Bldg			Lbs/Unit		
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:	748.7	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:	166.5	63.6	3,838.2	11,981.1	3,822.8	803.7	209.8	1,568.5	22,454.2	20,885.7	2013 Avg:	675.8	29.0	
2012 MF Total:	164.2	62.7	3,785.4	11,816.4	3,770.3	792.6	206.9	1,546.9	22,145.6	20,598.7	2012 Avg:	679.5	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:	152.5	58.2	3,515.5	10,973.9	3,501.5	736.1	192.2	1,436.6	20,566.6	19,130.0	2010 Avg:	668.8	29.6	
2009 MF Total:	143.8	54.9	3,315.7	10,350.2	3,302.5	694.3	181.3	1,355.0	19,397.8	18,042.8	2009 Avg:	621.9	28.1	
2008 MF Total:	90.4	106.2	3,854.6	9,275.5	6,014.2	441.0	150.3	529.8	20,461.9	21,951.6	2008 Avg:	626.9	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:	87.1	104.2	3,705.6	8,902.9	5,790.8	424.1	144.6	509.2	19,668.4	19,159.2	2006 Avg:	605.8	28.8	
2005 MF Total:	79.8	94.5	3,400.4	8,177.0	5,309.0	389.1	132.6	467.3	18,049.7	17,582.4	2005 Avg:	582.3	27.6	
2004 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	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:	71.5	26.6	2,331.1	5,754.6	4,822.7	225.3	111.4	402.5	13,745.6	13,343.1	2002 Avg:	509.3	24.5	
2001 MF Total:	70.0	26.0	2,282.6	5,636.3	4,725.9	220.7	109.2	394.2	13,465.0	13,070.8	2001 Avg:	550.7	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:	70.2	NA	1,835.2	5,020.4	2,978.4	99.6	106.1	129.0	10,238.8	10,109.8	1998 Avg:	669.2	28.1	
1997 MF Total:	68.9	NA	1,646.4	4,686.3	2,521.9	87.3	114.5	89.5	9,214.8	9,125.3	1997 Avg:	639.2	26.8	
1996 MF Total:	69.9	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:	51.3	NA	1,224.6	3,013.2	1,678.1	0.8	111.0	NA	6,079.0	6,079.0	1994 Avg:	657.8	23.6	
1993 MF Total:	47.0	NA	769.5	2,517.4	435.6	0.3	85.9	NA	3,855.7	3,855.7	1993 Avg:	646.0	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:	0.9	NA	410.6	661.7	732.7	NA	23.6	NA	1,829.5	1,829.5	1991 Avg:	733.5	23.4	
1990 MF Total:	NA	NA	228.7	500.8	358.4	NA	6.3	NA	1,094.2	1,094.2	1990 Avg:	712.1	22.8	
1989 MF Total:	NA	NA	69.9	42.7	192.8	NA	NA	NA	305.4	305.4	1989 Avg:	NA	NA	
MULTI FAMILY PERCENTAGE BREAKDOWN BY MATERIAL ²														
	FERROUS									CONTAM-INANTS	TOTAL			
	ALUM	METAL	GLASS	MIXED PAPER	NEWS PAPER	PLASTIC	TIN							
2015 Avg:	1.0%	0.3%	25.2%	43.5%	12.6%	4.9%	1.0%	11.4%	100%					
2009-2014 Avg:	0.7%	0.3%	17.1%	53.4%	17.0%	3.6%	0.9%	7.0%	100%					
2005-2008 Avg:	0.4%	0.5%	18.8%	45.3%	29.4%	2.2%	0.7%	2.6%	100%					
2001-2004 Avg:	0.5%	0.2%	17.0%	41.9%	35.1%	1.6%	0.8%	2.9%	100%					
2000 Avg:	0.5%	0.1%	17.1%	44.0%	33.4%	1.5%	0.9%	2.4%	100%					
1999 Avg:	0.6%	NA	17.9%	53.0%	25.9%	0.8%	0.6%	1.1%	100%					
1998 Avg:	0.7%	NA	17.9%	49.0%	29.1%	1.0%	1.0%	1.3%	100%					
1997 Avg:	0.7%	NA	17.9%	50.9%	27.4%	0.9%	1.2%	1.0%	100%					
1996 Avg:	0.9%	NA	18.7%	40.3%	37.1%	1.0%	1.4%	0.8%	100%					
1995 Avg:	0.7%	NA	20.3%	35.5%	41.6%	0.2%	1.7%	NA	100%					
1994 Avg:	0.8%	NA	20.1%	49.6%	27.6%	0.0%	1.8%	NA	100%					
1993 Avg:	1.2%	NA	20.0%	65.3%	11.3%	0.0%	2.2%	NA	100%					
1992 Avg:	NA	NA	24.8%	48.4%	24.4%	NA	2.3%	NA	100%					
1991 Avg:	NA	NA	22.4%	36.2%	40.0%	NA	1.3%	NA	100%					
1990 Avg:	NA	NA	20.9%	45.8%	32.8%	NA	0.6%	NA	100%					
1989 Avg:	NA	NA	22.9%	14.0%	63.1%	NA	0.0%	NA	100%					

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

² 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 RESIDENTIAL RECYCLING TONS COLLECTED (Includes contaminants)							COMMERCIAL BUSINESS RECYCLE PROGRAM	SPECIAL ITEMS						
Yr	Mo	Recology Cleanscapes	Waste Management	Total Tons	Cumulative Tons			MOTOR OIL (Gallons)	ELECTRONICS (units)	APPLIANCES (units)				
2014	1	3,625.2	3,963.5	7,588.7	7,588.7		300.8	123	4	14				
2014	2	2,937.5	3,181.5	6,119.0	13,707.7		249.0	115	4	21				
2014	3	3,171.5	3,446.7	6,618.2	20,326.0		284.4	242	8	35				
2014	4	3,240.3	3,525.1	6,765.5	27,091.4		263.9	225	10	27				
2014	5	3,320.3	3,591.9	6,912.2	34,003.7		255.6	168	4	14				
2014	6	3,247.3	3,467.9	6,715.2	40,718.8		259.7	191	5	28				
2014	7	3,473.7	3,771.9	7,245.6	47,964.5		273.5	155	4	17				
2014	8	3,169.6	3,425.5	6,595.1	54,559.5		271.4	169	2	31				
2014	9	3,399.2	3,615.7	7,014.9	61,574.4		285.3	141	1	15				
2014	10	3,504.6	3,726.2	7,230.8	68,805.2		288.5	142	2	18				
2014	11	3,165.6	3,348.5	6,514.0	75,319.2		264.3	80	3	14				
2014	12	3,801.0	4,112.7	7,913.7	83,232.9		297.3	70	2	22				
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				
TOTAL CITY PERCENTAGE BREAKDOWN BY MATERIAL (Estimated from periodic composition studies)							COMMERCIAL BUSINESS RECYCLE PROGRAM	SPECIAL ITEMS						
	ALUM	FERROUS METAL	GLASS	MIXED PAPER	NEWS PAPER	PLASTICS	TIN	CONTAM- INANTS	TOTAL w/cont	TOTAL w/o cont		MOTOR OIL (Gallons)	ELECTRONICS (units)	APPLIANCES (units)
2015 Total:	794.4	379.3	22,542.2	36,225.9	11,963.3	4,310.6	977.7	9,073.0	86,266.3	77,193.3	3,713.0	1,438	83	361
2014 Total:	751.4	353.7	14,697.3	41,729.1	16,143.0	3,584.4	1,005.1	4,968.8	83,232.9	78,264.1	3,293.7	1,821	49	256
2013 Total:	730.4	344.5	14,261.4	40,443.4	15,681.5	3,484.0	977.7	4,809.5	80,732.3	75,922.9	3,002.5	2,445	98	222
2012 Total:	731.0	345.1	14,261.7	40,423.6	15,689.3	3,486.6	978.7	4,804.4	80,720.3	75,915.9	2,874.4	14,021	352	1,133
2011 Total:	734.3	348.6	14,247.1	40,236.2	15,726.3	3,500.8	984.8	4,763.0	80,541.0	75,778.1	2,689.7	3,035	151	325
2010 Total:	746.7	354.2	14,497.3	40,961.6	15,995.7	3,560.1	1,001.2	4,851.3	81,968.0	77,116.7	2,896.5	3,105	147	483
2009 Total:	750.8	357.3	14,534.9	40,986.1	16,066.7	3,579.2	1,007.7	4,843.5	82,126.2	77,282.8	3,947.9	1,132	156	417
2008 Total:	420.3	257.1	15,216.3	35,869.8	27,489.6	1,959.6	675.8	1,800.2	83,688.6	83,907.9				
2007 Total:	445.6	270.7	16,097.0	37,911.7	29,105.5	2,074.7	716.0	1,899.1	88,520.3	86,621.1				
2006 Total:	435.8	263.7	15,702.5	36,951.7	28,450.2	2,027.0	699.8	1,847.6	86,378.3	84,530.7				
2005 Total:	422.2	251.1	15,170.3	35,673.3	27,528.5	1,961.3	677.6	1,778.5	83,462.8	81,684.3				
2004 Total:	496.4	119.2	13,620.3	32,855.6	27,488.5	1,712.4	853.7	3,006.4	80,152.4	77,146.0				
2003 Total:	476.8	114.2	13,069.8	31,523.3	26,373.1	1,645.9	820.5	2,889.7	76,913.3	74,023.7				
2002 Total:	469.9	111.2	12,849.3	30,971.4	25,915.2	1,622.7	809.4	2,843.0	75,592.1	72,749.2				
2001 Total:	467.5	110.2	12,775.9	30,785.6	25,760.6	1,614.5	805.5	2,825.7	75,145.4	72,319.7				
2000 Total:	555.2	103.3	14,013.8	30,255.8	26,504.6	1,622.0	851.3	2,724.4	76,393.1	73,906.0				
1999 Total:	868.2	78.2	14,877.8	28,518.0	26,710.9	814.5	1,506.3	1,138.7	74,516.3	73,377.6				
1998 Total:	833.0	75.9	14,223.1	26,898.0	25,847.3	794.2	1,475.8	1,122.3	71,271.5	70,149.2				
1997 Total:	809.9	71.0	13,675.5	25,920.0	24,729.9	761.8	1,446.3	1,050.1	68,469.3	67,419.2				
1996 Total:	763.0	72.5	12,776.7	23,152.0	23,810.2	709.5	1,359.1	959.3	63,600.7	62,641.4				
1995 Total:	757.3	71.3	12,949.0	22,844.4	24,208.9	657.8	1,391.3	919.6	63,800.8	62,881.2				
1994 Total:	747.6	66.9	12,532.0	22,980.7	22,552.7	634.9	1,361.5	905.9	61,786.7	60,880.8				
1993 Total:	699.8	NA	11,376.3	21,259.5	20,014.8	557.8	1,257.0	854.4	56,123.7	55,232.1				
1992 Total:	866.1	NA	11,438.2	19,049.1	18,139.6	288.8	1,478.6	1,259.6	52,520.0	51,260.4				
1991 Total:	685.5	NA	9,951.0	20,199.5	16,835.9	268.3	1,447.3	1,004.4	50,392.0	49,387.5				
1990 Total:	895.1	NA	9,325.6	17,702.6	17,731.4	163.1	1,313.1	685.9	47,816.8	47,130.9				
1989 Total:	433.2	NA	8,741.3	15,192.3	15,308.4	88.9	1,279.9	121.0	41,165.0	41,044.0				
1988 Total:	242.3	NA	4,833.6	7,739.7	10,481.4	NA	649.2	39.4	23,985.6	23,946.2				

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)

