

# RECYCLING PROGRAMS

4th Quarter 2010

Seattle Public Utilities, Economic Services Section  
Report Date: January 28, 2010

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## TONNAGE BREAKDOWN

### Single Family Tons (Without Contaminants)

Q4 2010:	14,868 Tons	3.0%	decrease vs. same period in 2009
Cumulative Single Family:	57,137 Tons	2.8%	decrease vs. same period in 2009

### Multi Family Tons (Without Contaminants)

Q4 2010:	5,157 Tons	7.6%	increase vs. same period in 2009
Cumulative Multi Family:	19,267 Tons	8.3%	increase vs. same period in 2009

### Business Tons (Includes Contaminants)

Q4 2010:	720 Tons	19.1%	decrease vs. same period in 2009
Cumulative Small Business:	2,896Tons	26.6%	decrease vs. same period in 2009

## Selected Statistics for January – December 2010

### Average Pounds per Household per Month

Single Family:	66.1	(153,737 households)
Multi Family:	29.6	(118,972 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 electronic item, \$30 per appliance, \$38 per appliance containing CFC's)

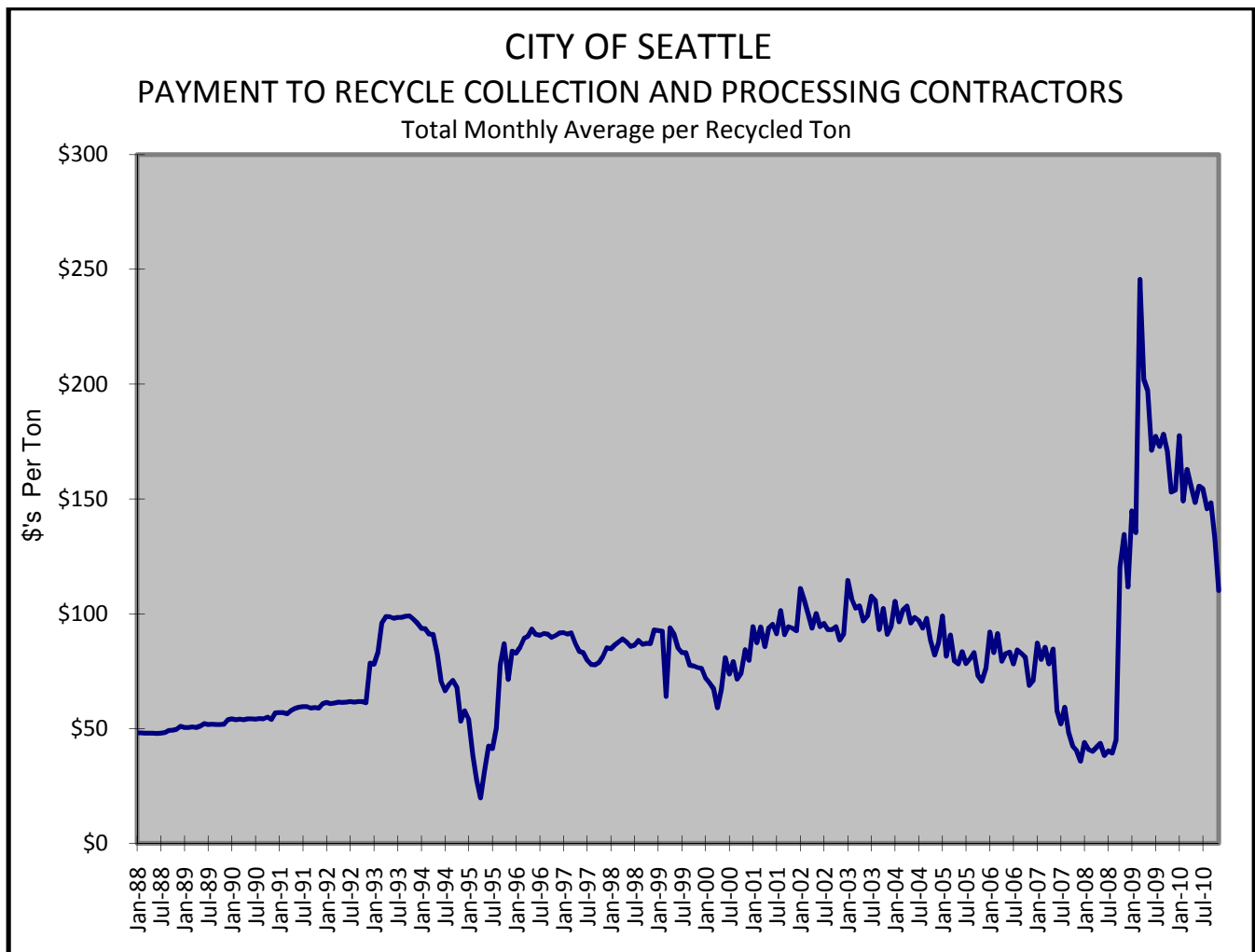
## Program Costs<sup>1</sup>

### 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		
1991	\$ 58.28	1998	\$ 86.88	2005	\$ 81.72		
1992	\$ 61.41	1999	\$ 86.39	2006	\$ 81.44		
1993	\$ 93.25	2000 <sup>2</sup>	\$ 72.78	2007	\$ 64.83		
1994	\$ 77.38	2001	\$ 91.64	2008	\$ 54.28		

### **Avg. Cost for 4th Quarter 2010: \$128.98**

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



<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>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 CAN TONS COLLECTED						SINGLE FAMILY CAN CUSTOMER DATA						
Yr	Mo	Allied - Cleanscapes	Waste Management	Total SF Tons	Cumulative SF Tons	CS Curb Bldgs	WM Curb Bldgs	Total Curb Bldgs	CS Curb Households	WM Crub households	Total Curb Households	LBS PER HOUSEHOLD
2009	1	3,284.8	3,201.1	6,485.8	6,485.8	57,160	88,656	145,816	60,354	91,884	152,238	85.2
2009	2	2,333.4	1,958.8	4,292.2	10,778.0	56,933	88,947	145,880	60,156	92,187	152,343	56.3
2009	3	2,386.8	2,156.5	4,543.3	15,321.3	56,897	89,118	146,015	60,083	92,355	152,438	59.6
2009	4	2,064.2	2,958.4	5,022.6	20,343.9	56,950	89,197	146,147	60,132	92,445	152,577	65.8
2009	5	2,107.3	2,744.0	4,851.3	25,195.2	57,029	89,344	146,373	60,168	92,602	152,770	63.5
2009	6	2,314.8	2,949.9	5,264.7	30,459.8	57,077	89,498	146,575	60,199	92,771	152,970	68.8
2009	7	2,459.8	3,138.8	5,598.6	36,058.4	57,108	89,627	146,735	60,289	92,926	153,215	73.1
2009	8	2,201.2	2,836.5	5,037.8	41,096.2	57,170	89,689	146,859	60,339	92,990	153,329	65.7
2009	9	2,353.2	2,922.4	5,275.6	46,371.7	57,200	89,740	146,940	60,349	93,054	153,403	68.8
2009	10	2,239.3	2,856.4	5,095.7	51,467.5	57,260	89,765	147,025	60,404	93,073	153,477	66.4
2009	11	2,386.6	2,970.0	5,356.6	56,824.0	57,245	89,771	147,016	60,383	93,084	153,467	69.8
2009	12	2,629.7	3,274.8	5,904.4	62,728.5	57,244	89,722	146,966	60,380	93,010	153,390	77.0
2010	1	2,351.4	3,093.4	5,444.9	5,444.9	57,194	89,708	146,902	60,299	92,995	153,294	71.0
2010	2	1,916.6	2,540.6	4,457.2	9,902.0	57,211	89,716	146,927	60,320	93,007	153,327	58.1
2010	3	2,220.7	2,887.7	5,108.4	15,010.4	57,271	89,767	147,038	60,409	93,058	153,467	66.6
2010	4	2,099.7	2,610.6	4,710.4	19,720.8	57,338	89,838	147,176	60,475	93,132	153,607	61.3
2010	5	2,067.1	2,808.0	4,875.1	24,595.9	57,402	89,955	147,357	60,544	93,228	153,772	63.4
2010	6	2,238.6	2,914.9	5,153.5	29,749.4	57,431	90,015	147,446	60,563	93,275	153,838	67.0
2010	7	2,196.2	2,941.6	5,137.7	34,887.2	57,438	90,070	147,508	60,582	93,321	153,903	66.8
2010	8	2,231.4	2,854.5	5,085.9	39,973.0	57,445	90,062	147,507	60,595	93,313	153,908	66.1
2010	9	2,263.5	2,867.8	5,131.3	45,104.3	57,470	90,052	147,522	60,612	93,299	153,911	66.7
2010	9	2,066.6	2,684.0	4,750.6	49,855.0	57,449	89,999	147,448	60,583	93,247	153,830	61.8
2010	9	2,222.7	2,859.4	5,082.1	54,937.0	57,452	89,976	147,428	60,597	93,219	153,816	66.1
2010	9	2,644.6	3,387.6	6,032.2	60,969.2	57,456	89,991	147,447	60,515	93,222	153,737	78.5

Tons collected by Allied Waste until 3/29/2009.  
Tons collected from Cleanscapes beginning 3/30/2010

TOTAL CITY SINGLE FAMILY TONNAGE BY MATERIAL DATA (Estimated from periodic composition studies)												
	FERROUS							CONTAM- INANTS	TOTAL w/cont	TOTAL w/o cont	AVG LBS PER HOUSEHOLD	
	ALUM	METAL	GLASS	MIXED PAPER	NEWS PAPER	PLASTICS	TIN					
2010 SF Total:	590.0	293.9	10,904.5	29,776.6	12,406.3	2,804.1	803.3	3,390.6	60,969.2	57,578.6	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	52,268.0	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)										
	FERROUS							CONTAM- INANTS	TOTAL	
	ALUM	METAL	GLASS	MIXED PAPER	NEWS PAPER	PLASTICS	TIN			
2009-2010 Avg <sup>2</sup> :	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 Preliminary data from 2010 composition study.

MULTI FAMILY TONS COLLECTED						MULTIFAMILY CUSTOMER DATA <sup>1</sup>								
Yr	Mo	Allied -		Total Apt Tons	Cumulative Apt Tons	Cleanscapes		Total Apt Bldgs	CS Apt Units	WM Apt Units	Total Apt Units	Units/		
		Cleanscapes	Waste Management			Apt Bldgs	Apt Bldgs					Bldg	Lbs/ Bldg	Lbs/ Unit
2009	1	1,303.1	806.1	2,109.2	2,109.2	2,998	2,184	5,182	77,119	37,135	114,254	22	814.1	36.9
2009	2	925.7	493.8	1,419.4	3,528.7	2,997	2,187	5,184	77,095	37,409	114,504	22	547.6	24.8
2009	3	954.8	559.5	1,514.3	5,043.0	2,994	2,194	5,188	76,695	37,395	114,090	22	583.8	26.5
2009	4	806.6	532.5	1,339.1	6,382.0	2,996	2,199	5,195	76,362	37,482	113,844	22	515.5	23.5
2009	5	899.4	527.7	1,427.1	7,809.1	2,999	2,201	5,200	76,113	37,704	113,817	22	548.9	25.1
2009	6	998.4	571.3	1,569.7	9,378.8	2,996	2,204	5,200	76,203	37,784	113,987	22	603.7	27.5
2009	7	1,035.3	629.5	1,664.8	11,043.5	3,002	2,206	5,208	76,963	37,856	114,819	22	639.3	29.0
2009	8	970.2	565.0	1,535.2	12,578.7	3,004	2,201	5,205	76,862	37,817	114,679	22	589.9	26.8
2009	9	989.8	605.1	1,594.9	14,173.6	3,008	2,202	5,210	77,554	38,080	115,634	22	612.2	27.6
2009	10	1,034.1	612.3	1,646.4	15,820.0	3,005	2,200	5,205	77,852	38,081	115,933	22	632.6	28.4
2009	11	1,072.8	667.1	1,740.0	17,560.0	3,008	2,197	5,205	78,102	38,141	116,243	22	668.6	29.9
2009	12	1,131.3	706.5	1,837.8	19,397.8	3,005	2,199	5,204	78,090	38,186	116,276	22	706.3	31.6
2010	1	1,081.8	617.3	1,699.1	1,699.1	3,013	2,201	5,214	78,745	38,361	117,106	22	651.8	29.0
2010	2	931.7	585.7	1,517.4	3,216.5	3,016	2,203	5,219	78,818	38,380	117,198	22	581.5	25.9
2010	3	1,068.4	685.5	1,753.9	4,970.4	3,015	2,204	5,219	79,000	38,398	117,398	22	672.1	29.9
2010	4	1,024.8	657.3	1,682.1	6,652.5	3,018	2,206	5,224	79,386	38,513	117,899	23	644.0	28.5
2010	5	1,012.3	628.3	1,640.6	8,293.1	3,018	2,206	5,224	79,368	38,837	118,205	23	628.1	27.8
2010	6	1,071.7	687.9	1,759.6	10,052.7	3,019	2,208	5,227	79,434	38,950	118,384	23	673.3	29.7
2010	7	1,071.0	674.9	1,745.9	11,798.6	3,023	2,216	5,239	79,294	39,137	118,431	23	666.5	29.5
2010	8	1,070.1	675.9	1,746.0	13,544.6	3,026	2,217	5,243	79,491	39,146	118,637	23	666.0	29.4
2010	9	1,118.4	714.6	1,832.9	15,377.5	3,024	2,220	5,244	79,357	39,166	118,523	23	699.1	30.9
2010	9	1,032.9	671.5	1,704.3	17,081.8	3,024	2,223	5,247	79,832	39,789	119,621	23	649.6	28.5
2010	9	1,127.7	716.3	1,844.0	18,925.8	3,022	2,222	5,244	79,491	39,726	119,217	23	703.3	30.9
2010	9	1,237.1	835.9	2,073.0	20,998.8	3,023	2,225	5,248	79,233	39,739	118,972	23	790.0	34.8

Tons collected by Allied Waste until 3/29/2009.  
Tons collected from Cleanscapes beginning 3/30/2010

TOTAL MULTIFAMILY PERCENTAGE BREAKDOWN BY MATERIAL (Estimated from periodic composition studies)													
	FERROUS		GLASS	MIXED PAPER	NEWSPAPER	PLASTICS	TIN	CONTAM-		TOTAL w/cont	TOTAL w/o cont	Avg Lbs/Bldg	Avg Lbs/Unit
	ALUM	METAL						INANTS	INANTS				
2010 MF Total:	155.7	59.5	3,589.4	11,204.5	3,575.1	751.6	196.2	1,466.8	20,998.8	19,532.0	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	712.1	22.8	
1989 MF Total:	NA	NA	69.9	42.7	192.8	NA	NA	NA	305.4	305.4	NA	NA	

MULTI FAMILY PERCENTAGE BREAKDOWN BY MATERIAL										
	FERROUS		GLASS	MIXED PAPER	NEWS PAPER	PLASTIC	TIN	CONTAM-		TOTAL
	ALUM	METAL						INANTS	INANTS	
2009-2010 Avg <sup>2</sup> :	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%	
2001-2004Avg:	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%	

<sup>1</sup> This data represents apartment customers who are signed up for recycle service.

<sup>2</sup> Preliminary data from 2010 composition study.

TOTAL CITY RESIDENTIAL RECYCLING TONS COLLECTED							COMMERCIAL BUSINESS RECYCLE PROGRAM <sup>1</sup>	SPECIAL ITEMS		
Yr	Mo	Allied - Cleanscapes	Waste Management	Total Tons	Cumulative Tons	MOTOR OIL (Gallons)		ELEC-TRONICS (units)	APPLIANCES (units)	
2009	1	4,587.9	4,007.2	8,595.1	8,595.1					
2009	2	3,259.1	2,452.6	5,711.6	14,306.7					
2009	3	3,341.6	2,716.0	6,057.6	20,364.3					
2009	4	2,870.7	3,490.9	6,361.6	26,725.9	18.5				
2009	5	3,006.6	3,271.7	6,278.3	33,004.3	858.4	21	59		
2009	6	3,313.2	3,521.2	6,834.3	39,838.6	846.4	19	64		
2009	7	3,495.1	3,768.3	7,263.4	47,102.0	323.7	24	71		
2009	8	3,171.4	3,401.5	6,572.9	53,674.9	337.9	25	48		
2009	9	3,343.0	3,527.5	6,870.4	60,545.3	356.9	23	41		
2009	10	3,273.4	3,468.7	6,742.2	67,287.5	315.6	7	38		
2009	11	3,459.4	3,637.1	7,096.5	74,384.0	331.8	545	10		
2009	12	3,761.0	3,981.2	7,742.2	82,126.2	238.0	441	13		
2010	1	3,433.2	3,710.8	7,144.0	7,144.0	320.6	146	14		
2010	2	2,848.3	3,126.2	5,974.5	13,118.5	340.4	219	12		
2010	3	3,289.1	3,573.2	6,862.3	19,980.8	248.7	191	13		
2010	4	3,124.6	3,267.9	6,392.5	26,373.3	246.2	374	20		
2010	5	3,079.4	3,436.3	6,515.7	32,889.0	215.3	338	8		
2010	6	3,310.3	3,602.8	6,913.1	39,802.1	216.1	290	12		
2010	7	3,267.2	3,616.5	6,883.6	46,685.7	234.6	302	23		
2010	8	3,301.5	3,530.4	6,831.9	53,517.6	221.3	263	17		
2010	9	3,381.9	3,582.4	6,964.2	60,481.8	220.2	250	5		
2010	9	3,099.5	3,355.5	6,455.0	66,936.8	233.6	361	12		
2010	9	3,350.3	3,575.7	6,926.1	73,862.9	244.0	282	13		
2010	9	3,881.7	4,223.5	8,105.2	81,968.0	230.0	127	5		
2010	9					246.1	108	7		

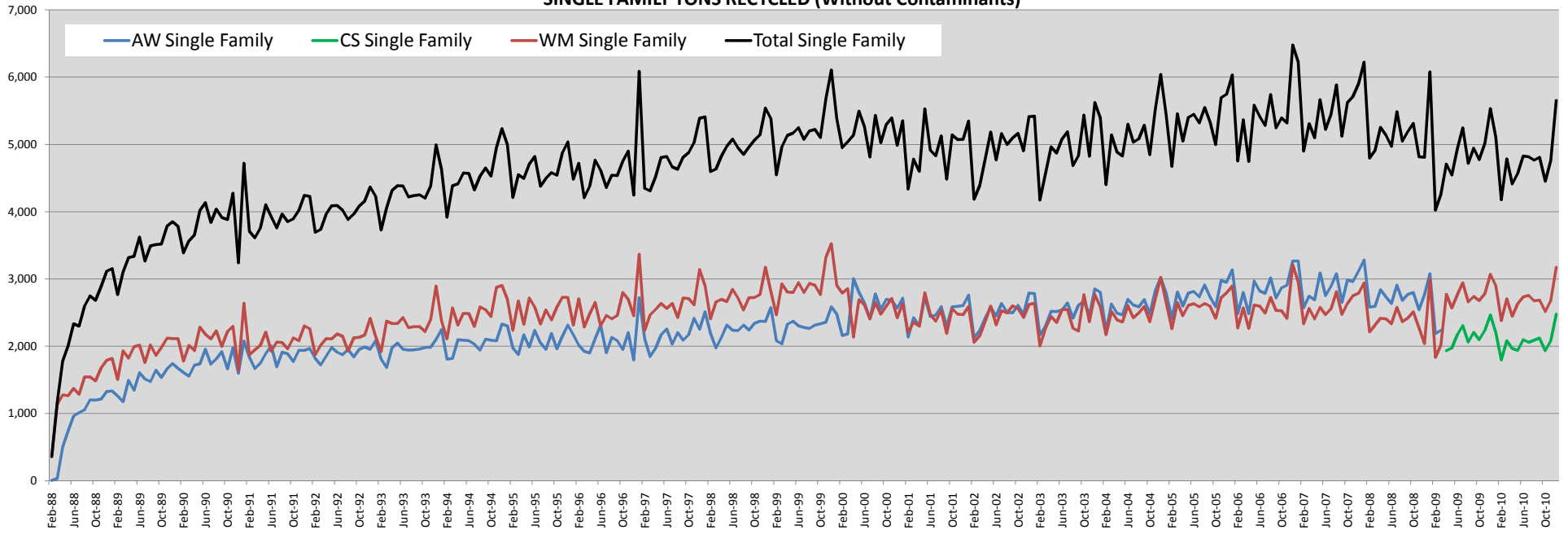
Tons collected by Allied Waste until 3/29/2009. Tons collected from Cleanscapes beginning 3/30/2010

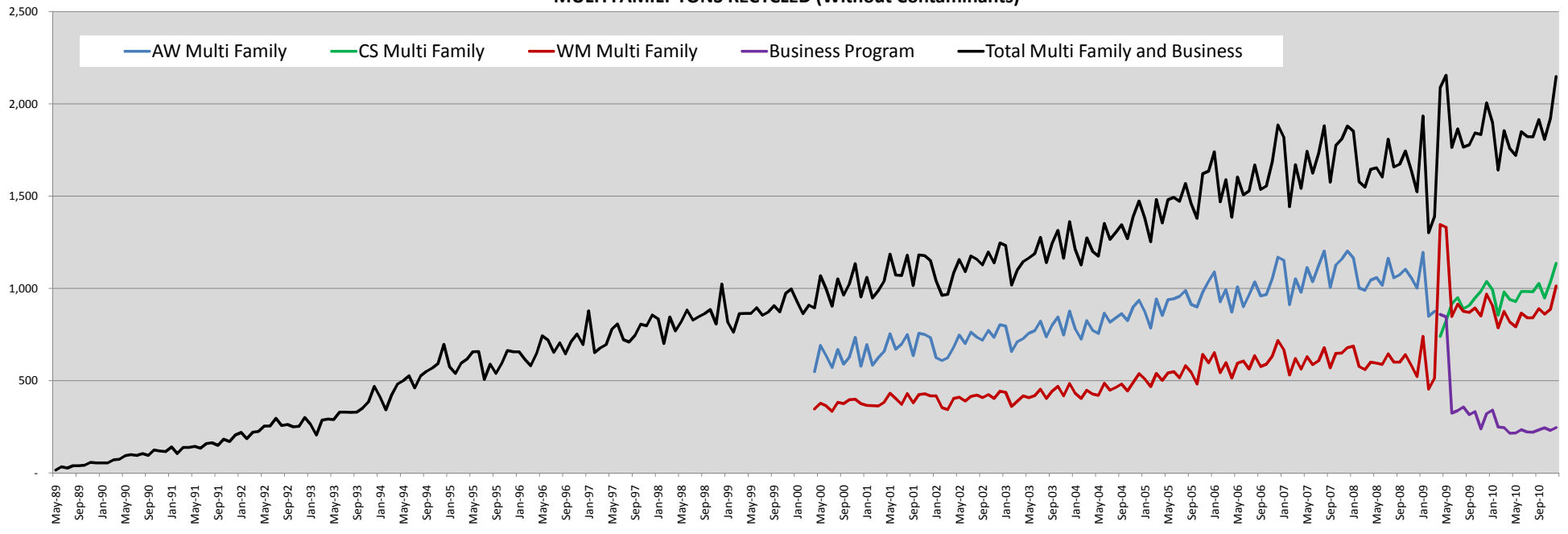
TOTAL CITY PERCENTAGE BREAKDOWN BY MATERIAL (Estimated from periodic composition studies)											COMMERCIAL BUSINESS RECYCLE PROGRAM	SPECIAL ITEMS		
	FERROUS METAL		GLASS	MIXED PAPER	NEWS PAPER	PLASTICS	TIN	CONTAMINANTS	TOTAL w/cont	TOTAL w/o cont		MOTOR OIL (Gallons)	ELEC-TRONICS (units)	APPLIANCES (units)
	ALUM	METAL												
2010 Total:	745.7	353.4	14,493.9	40,981.2	15,981.3	3,555.6	999.5	4,857.5	81,968.0	77,110.6	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				

March 30, 2009: New contracts began. Cleanscapes and Waste Management are contracted haulers.  
 Jan 2005: Ban on recycle in garbage (except plastics) began  
 April 2000: New contract begins. Allied Waste and Waste Management are contracted haulers  
 New materials (polycoated paper, aseptic packaging and additional plastics) added to program  
 Jan 2000: New Billing system (Banner/CCSS)  
<sup>1</sup> Business Recycling tons included in residential tons prior to 2009.

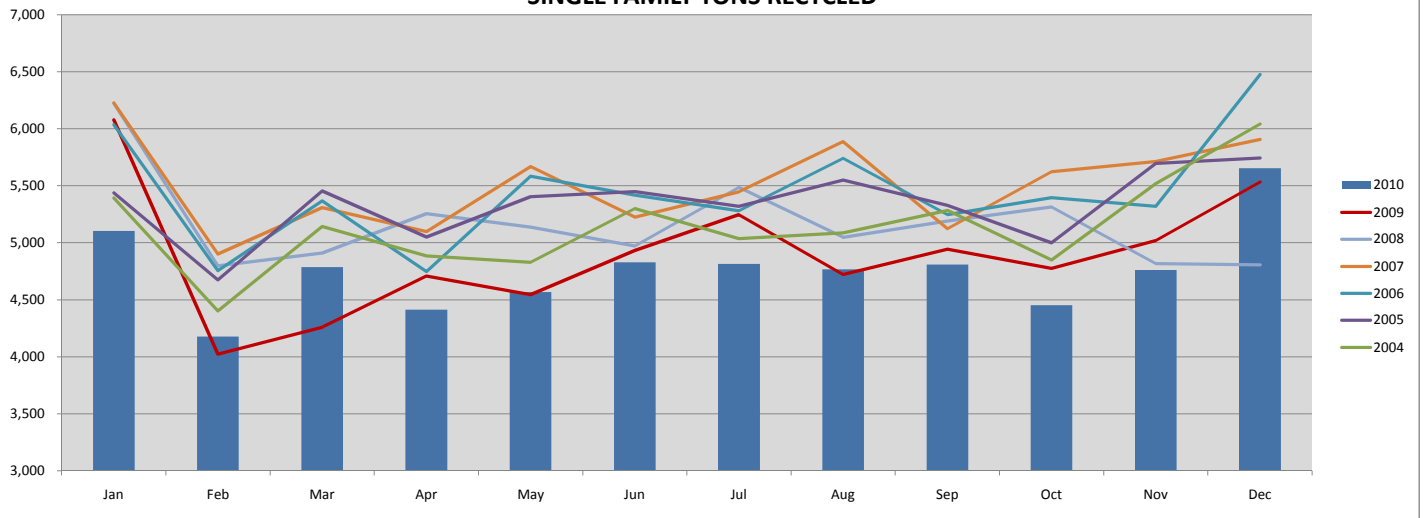
**CITY OF SEATTLE  
SINGLE FAMILY TONS RECYCLED (Without Contaminants)**



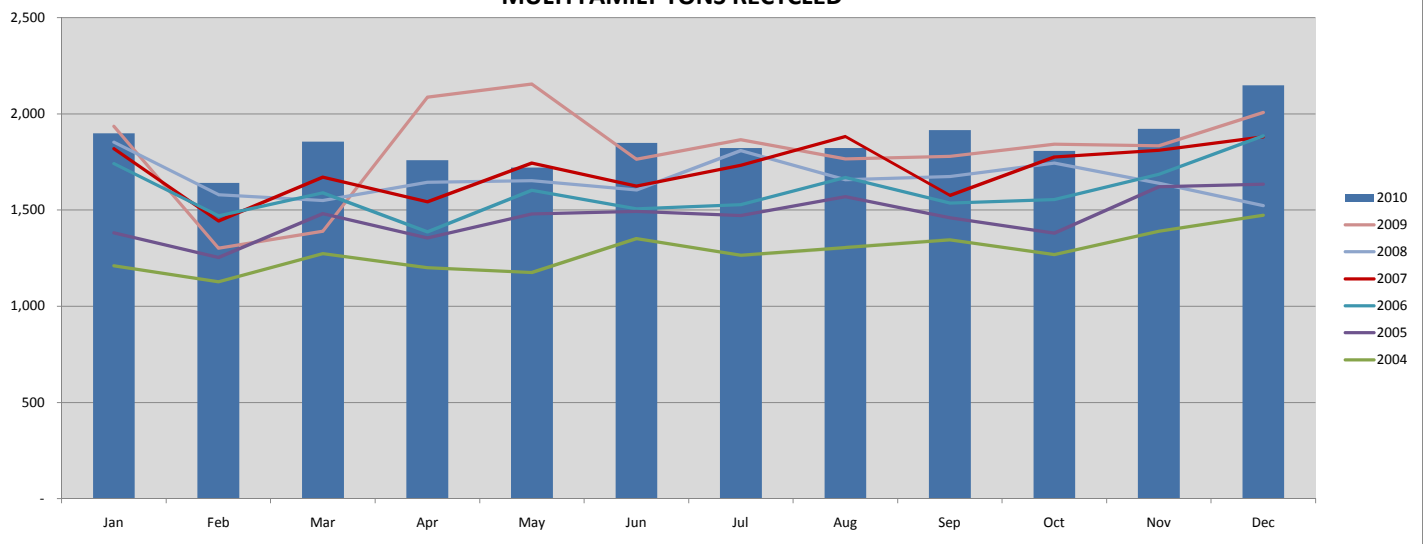
**CITY OF SEATTLE  
MULTI FAMILY TONS RECYCLED (Without Contaminants)**



### CITY OF SEATTLE SINGLE FAMILY TONS RECYCLED



### CITY OF SEATTLE MULTI FAMILY TONS RECYCLED



### CITY OF SEATTLE TOTAL RESIDENTIAL AND BUSINESS RECYCLE PROGRAM TONS RECYCLED

