

APARTMENT RECYCLING REPORT

December 2004

Seattle Public Utilities, Resource Planning Division, Forecasting & Evaluation Section

Report Date: Feb 18, 2005

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Tonnage Summary (without contaminants)

North End Tons (WM):

December 2004:	537 Tons	10.9% increase vs. same period in 2003
Cumulative North end:	5,481 Tons	7.5% increase vs. same period in 2003

South End Tons (USD):

December 2004:	936 Tons	6.6% increase vs. same period in 2003
Cumulative South end:	9,905 Tons	7.1% increase vs. same period in 2003

Citywide Tons:

December 2004:	1,473 Tons	8.1% increase vs. same period in 2003
Cumulative Citywide:	15,386 Tons	7.2% increase vs. same period in 2003

Basics of City-Sponsored Apartment Recycling Program

Before April 1, 2000, Seattle Public Utilities hired four private contractors to collect multi-family recycling. Each collected different materials and used different kinds of containers. With the new contracts, SPU uses only two contractors and the materials collected and containers used for set-out are uniform throughout the city. Further, the range of materials is broader (including more types of paper and plastics) and is the same range of materials picked up at single-family residences.

Service Areas:

- North End: Waste Management services the area north of the Ship Canal.
- South End: USD services the area south of the Ship Canal.

Materials:

- Commingled collection with separate container for glass
- Service must include collection of aluminum, glass, mixed paper, newspaper, tin, plastic, plastic bags, plastic food tubs, as well as milk & juice cartons.

Subscription Status as of December 2004:

	Buildings Signed Up	Units Signed Up	Eligible Buildings	Eligible Units	% Bldgs Signed Up	% Units Signed Up
North End	1,939	34,213	2,147	37,293	90.3%	91.7%
South End	2,867	66,354	3,400	76,249	84.3%	87.0%
Citywide	4,806	100,567	5,547	113,542	86.6%	88.6%

Service Type Details as of December 2004:

Multi-Family buildings with dumpster garbage service can choose either apartment recycling service or single-family style curbside service. Most buildings with five or fewer units choose single-family style curbside service.

	Bldgs with Curb Recycling	Bldgs with Apt Recycling	Total Buildings with Recycling	Units with Curb Recycling	Units with Apt Recycling	Total Units with Recycling
North End	235	1,704	1,939	1,140	33,073	34,213
South End	377	2,490	2,867	2,378	63,976	66,354
Citywide	612	4,194	4,806	3,518	97,049	100,567

APARTMENT RECYCLING PROGRAM

NORTH END TONNAGE DATA												Sign-Up Data				
Yr	Mo	ALUM	FERROUS METAL	GLASS	MIXED PAPER	NEWS-PAPER	PLASTIC (PET/HDPE)	TIN	CONTAM-INANTS	TOTAL w/cont	TOTAL w/o cont	Bldgs	Units	Units/ Bldg	Lbs/ Bldg	Lbs/ Unit
2003	1	2.6	0.7	67.4	180.9	172.8	7.9	4.1	12.8	449.1	436.3	1,796	30,544	17.0	485.8	28.6
2003	2	2.1	0.5	55.6	149.4	142.7	6.5	3.4	10.6	371.0	360.4	1,799	30,568	17.0	400.6	23.6
2003	3	2.3	0.6	59.9	160.8	153.6	7.0	3.7	11.4	399.3	387.9	1,798	30,597	17.0	431.5	25.4
2003	4	2.5	0.6	64.5	173.3	165.5	7.6	3.9	12.3	430.2	417.9	1,802	30,681	17.0	463.9	27.2
2003	5	2.4	0.6	62.9	169.0	161.4	7.4	3.8	12.0	419.5	407.5	1,803	30,717	17.0	452.1	26.5
2003	6	2.5	0.6	64.6	173.5	165.8	7.6	3.9	12.3	430.9	418.6	1,802	30,778	17.1	464.5	27.2
2003	7	2.7	0.7	70.0	188.0	179.6	8.2	4.3	13.3	466.9	453.6	1,809	31,251	17.3	501.5	29.0
2003	8	2.4	0.6	62.3	167.3	159.8	7.3	3.8	11.9	415.3	403.5	1,818	31,385	17.3	443.9	25.7
2003	9	2.6	0.7	68.3	183.2	175.0	8.0	4.2	13.0	455.0	442.0	1,817	31,372	17.3	486.5	28.2
2003	10	2.8	0.7	72.5	194.7	186.0	8.5	4.4	13.8	483.5	469.7	1,829	31,668	17.3	513.6	29.7
2003	11	2.5	0.6	64.4	172.9	165.2	7.6	3.9	12.3	429.4	417.1	1,830	31,716	17.3	455.9	26.3
2003	12	2.9	0.7	74.9	201.0	192.0	8.8	4.6	14.2	499.0	484.8	1,832	31,757	17.3	529.2	30.5
2004	1	2.5	0.6	66.5	178.6	170.6	7.8	4.1	12.7	443.5	430.8	1,843	31,862	17.3	467.5	27.0
2004	2	2.4	0.6	62.2	167.0	159.5	7.3	3.8	11.8	414.6	402.8	1,846	32,195	17.4	436.4	25.0
2004	3	2.6	0.7	69.3	185.9	177.6	8.1	4.2	13.2	461.7	448.5	1,854	32,637	17.6	483.8	27.5
2004	4	2.5	0.6	66.0	177.2	169.3	7.7	4.0	12.6	440.0	427.4	1,858	32,747	17.6	460.1	26.1
2004	5	2.5	0.6	64.9	174.2	166.4	7.6	4.0	12.3	432.5	420.1	1,864	32,812	17.6	450.8	25.6
2004	6	2.9	0.7	75.0	201.4	192.3	8.8	4.6	14.3	500.0	485.7	1,869	32,893	17.6	519.7	29.5
2004	7	2.6	0.7	69.2	185.7	177.4	8.1	4.2	13.2	461.2	448.0	1,873	33,222	17.7	478.4	27.0
2004	8	2.7	0.7	71.6	192.2	183.6	8.4	4.4	13.6	477.2	463.5	1,878	33,263	17.7	493.7	27.9
2004	9	2.8	0.7	74.5	200.0	191.0	8.7	4.6	14.2	496.5	482.3	1,887	33,462	17.7	511.2	28.8
2004	10	2.6	0.7	68.5	184.0	175.7	8.0	4.2	13.0	456.7	443.7	1,892	33,685	17.8	469.0	26.3
2004	11	2.9	0.7	75.7	203.3	194.2	8.9	4.6	14.4	504.8	490.4	1,912	33,935	17.7	513.0	28.9
2004	12	3.2	0.8	83.0	222.8	212.9	9.7	5.1	15.8	553.3	537.5	1,939	34,213	17.6	554.4	31.4
2004 Total:		32.3	8.2	846.4	2,272.3	2,170.6	99.3	51.7	161.0	5,641.8	5,480.8		2004 Avg:		486.5	27.6
2003 Total:		30.1	7.7	787.4	2,114.1	2,019.5	92.4	48.1	149.8	5,249.1	5,099.2		2003 Avg:		469.1	27.3
2002 Total:		28.5	7.2	745.7	2,002.0	1,912.4	87.5	45.6	141.9	4,970.9	4,829.0		2002 Avg:		460.8	27.2
2001 Total:		28.1	7.1	735.2	1,973.7	1,885.4	86.3	44.9	139.9	4,900.6	4,760.7		2001 Avg: ¹		583.9	35.4
2000 Total:		33.8	5.0	891.2	2,569.3	1,867.1	87.6	52.9	119.5	5,626.4	5,507.0		2000 Avg: ³	NA	NA	NA
1999 Total:		66.5	NA	1,688.5	5,081.8	2,208.9	86.5	54.1	111.9	9,298.1	9,186.2		1999 Avg:		673.4	28.9
1998 Total:		68.2	NA	1,626.6	4,507.7	2,452.0	98.8	93.7	129.0	8,976.0	8,847.0		1998 Avg:		694.7	29.6
1997 Total:		66.2	NA	1,420.4	4,206.5	1,982.7	86.3	100.3	89.5	7,951.9	7,862.3		1997 Avg:		656.5	28.0
1996 Total:		67.4	NA	1,332.8	2,863.2	2,531.1	77.7	100.3	61.8	7,034.3	6,972.5		1996 Avg:		629.8	25.9
1995 Total:		47.2	NA	1,294.1	2,169.0	2,530.9	12.6	107.6	NA	6,161.3	6,161.3		1995 Avg:		633.5	24.8
1994 Total:		48.4	NA	1,060.6	2,746.4	1,209.6	NA	98.8	NA	5,163.8	5,163.8		1994 Avg:		701.5	25.3
1993 Total:		40.1	NA	724.1	2,483.9	66.4	NA	84.4	NA	3,398.9	3,398.9		1993 Avg:		740.1	23.1
1992 Total:		NA	NA	733.4	1,436.2	503.9	NA	68.7	NA	2,742.1	2,742.1		1992 Avg:		845.9	27.9
1991 Total:		NA	NA	409.9	661.2	659.3	NA	23.6	NA	1,754.0	1,754.0		1991 Avg:		777.1	25.5
1990 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 Total:		NA	NA	69.9	42.7	192.8	NA	NA	NA	305.4	305.4		1989 Avg:		NA	NA

NORTH END PERCENTAGE BREAKDOWN BY MATERIAL										
YEAR	ALUM	FERROUS METAL	GLASS	MIXED PAPER	NEWS-PAPER	PLASTIC (PET/HDPE)	TIN	CONTAM-INANTS	TOTAL w/cont	TOTAL w/o cont
2004 Avg:	0.57%	0.15%	15.00%	40.28%	38.47%	1.76%	0.92%	2.85%	100%	
2003 Avg:	0.57%	0.15%	15.00%	40.28%	38.47%	1.76%	0.92%	2.85%	100%	
2002 Avg:	0.57%	0.15%	15.00%	40.28%	38.47%	1.76%	0.92%	2.85%	100%	
2001 Avg:	0.57%	0.15%	15.00%	40.28%	38.47%	1.76%	0.92%	2.85%	100%	
2000 Avg:	0.69%	0.09%	15.84%	45.66%	33.18%	1.56%	0.94%	2.12%	100%	
1999 Avg:	1.36%	NA	18.16%	54.65%	23.76%	0.93%	0.58%	1.20%	100%	
1998 Avg:	1.39%	NA	18.12%	50.22%	27.32%	1.10%	1.04%	1.44%	100%	
1997 Avg:	1.35%	NA	17.86%	52.90%	24.93%	1.09%	1.26%	1.13%	100%	
1996 Avg:	1.38%	NA	18.95%	40.70%	35.98%	1.11%	1.43%	0.88%	100%	
1995 Avg:	0.96%	NA	21.00%	35.20%	41.08%	0.20%	1.75%	NA	100%	
1994 Avg:	0.99%	NA	20.54%	53.18%	23.42%	NA	1.91%	NA	100%	
1993 Avg:	0.82%	NA	21.30%	73.08%	1.95%	NA	2.48%	NA	100%	
1992 Avg:	NA	NA	26.74%	52.37%	18.38%	NA	2.50%	NA	100%	
1991 Avg:	NA	NA	23.37%	37.69%	37.59%	NA	1.35%	NA	100%	
1990 Avg:	NA	NA	20.90%	45.77%	32.76%	NA	0.58%	NA	100%	
1989 Avg:	NA	NA	22.90%	13.97%	63.13%	NA	NA	NA	100%	

APARTMENT RECYCLING PROGRAM

SOUTH END TONNAGE DATA												Sign-Up Data				
Yr	Mo	ALUM	FERROUS METAL	GLASS	MIXED PAPER	NEWS-PAPER	PLASTIC (PET/HDPE)	TIN	CONTAM-INANTS	TOTAL w/cont	TOTAL w/o cont	Bldgs	Units	Units/ Bldg	Lbs/ Bldg	Lbs/ Unit
2003	1	4.0	1.8	148.2	350.8	272.1	12.9	6.2	24.4	820.4	796.0	2,634	61,080	23.2	604.4	26.1
2003	2	3.3	1.5	122.4	289.8	224.7	10.6	5.1	20.1	677.6	657.4	2,642	61,413	23.2	497.7	21.4
2003	3	3.6	1.6	132.4	313.3	243.0	11.5	5.5	21.8	732.5	710.8	2,633	60,831	23.1	539.9	23.4
2003	4	3.7	1.6	135.4	320.4	248.5	11.8	5.6	22.3	749.3	727.1	2,641	60,830	23.0	550.6	23.9
2003	5	3.8	1.7	141.0	333.7	258.8	12.3	5.9	23.2	780.4	757.2	2,649	61,285	23.1	571.7	24.7
2003	6	3.9	1.7	143.5	339.7	263.4	12.5	6.0	23.6	794.3	770.7	2,659	61,575	23.2	579.7	25.0
2003	7	4.2	1.9	153.3	362.8	281.3	13.3	6.4	25.2	848.2	823.0	2,662	61,413	23.1	618.4	26.8
2003	8	3.7	1.7	137.2	324.8	251.9	11.9	5.7	22.6	759.4	736.8	2,668	61,585	23.1	552.3	23.9
2003	9	4.0	1.8	149.1	352.9	273.7	13.0	6.2	24.5	825.1	800.6	2,680	61,748	23.0	597.5	25.9
2003	10	4.3	1.9	157.3	372.4	288.8	13.7	6.5	25.9	870.7	844.9	2,684	61,722	23.0	629.6	27.4
2003	11	3.8	1.7	139.0	329.0	255.2	12.1	5.8	22.8	769.3	746.5	2,682	61,736	23.0	556.7	24.2
2003	12	4.4	2.0	163.4	386.8	300.0	14.2	6.8	26.9	904.6	877.7	2,690	61,979	23.0	652.6	28.3
2004	1	3.9	1.8	145.3	343.8	266.6	12.6	6.0	23.9	804.0	780.1	2,697	62,415	23.1	578.5	25.0
2004	2	3.7	1.6	134.9	319.2	247.6	11.7	5.6	22.2	746.4	724.2	2,704	62,491	23.1	535.7	23.2
2004	3	4.2	1.9	153.6	363.7	282.0	13.3	6.4	25.3	850.3	825.1	2,718	62,851	23.1	607.1	26.3
2004	4	3.9	1.8	143.8	340.3	263.9	12.5	6.0	23.6	795.8	772.2	2,716	62,739	23.1	568.6	24.6
2004	5	3.8	1.7	140.6	332.7	258.0	12.2	5.8	23.1	778.0	754.9	2,721	63,007	23.2	554.9	24.0
2004	6	4.4	2.0	161.3	381.8	296.1	14.0	6.7	26.5	892.8	866.3	2,737	63,541	23.2	633.0	27.3
2004	7	4.1	1.9	152.1	360.1	279.3	13.2	6.3	25.0	842.0	817.0	2,744	63,706	23.2	595.5	25.6
2004	8	4.2	1.9	156.6	370.7	287.5	13.6	6.5	25.7	866.7	841.0	2,756	64,183	23.3	610.3	26.2
2004	9	4.4	2.0	160.8	380.6	295.2	14.0	6.7	26.4	889.9	863.5	2,771	64,569	23.3	623.2	26.7
2004	10	4.2	1.9	153.7	363.8	282.2	13.4	6.4	25.3	850.7	825.5	2,778	64,723	23.3	594.3	25.5
2004	11	4.5	2.0	167.5	396.5	307.5	14.6	7.0	27.5	927.2	899.6	2,815	65,366	23.2	639.2	27.5
2004	12	4.7	2.1	174.3	412.5	319.9	15.1	7.2	28.6	964.5	935.9	2,867	66,354	23.1	652.9	28.2
2004 Total:		50.0	22.5	1844.5	4365.7	3385.8	160.3	76.6	303.2	10208.4	9905.3		2004 Avg:		599.4	25.8
2003 Total:		46.7	21.0	1722.2	4076.3	3161.4	149.6	71.5	283.1	9531.7	9248.7		2003 Avg:		579.2	25.1
2002 Total:		43.0	19.3	1585.4	3752.5	2910.3	137.7	65.8	260.6	8774.7	8514.1		2002 Avg:		560.1	24.2
2001 Total:		42.0	18.8	1,547.4	3,662.6	2,840.5	134.4	64.2	254.3	8,564.4	8,310.1		2001 Avg: ¹		464.8	23.5
2000 Total:		31.2	12.8	1,159.4	2,699.9	2,137.8	92.3	50.6	172.7	6,356.7	6,184.0		2000 Avg: ³		662.3	27.4
1999 Total:		2.1	NA	220.1	566.1	554.7	0.8	12.4	NA	1,356.2	1,356.2		1999 Avg:		515.4	20.0
1998 Total:		2.0	NA	208.7	512.6	526.4	0.8	12.4	NA	1,262.8	1,262.8		1998 Avg:		492.3	19.2
1997 Total:		2.7	NA	226.0	479.8	539.2	1.0	14.2	NA	1,263.0	1,263.0		1997 Avg:		517.3	20.1
1996 Total:		2.5	NA	194.5	433.5	510.1	0.9	13.0	NA	1,154.4	1,154.4		1996 Avg:		506.9	19.1
1995 Total:		2.4	NA	164.2	386.7	464.5	0.9	12.4	NA	1,031.1	1,031.1		1995 Avg:		490.7	17.7
1994 Total:		2.9	NA	164.0	266.8	468.6	0.8	12.1	NA	915.2	915.2		1994 Avg:		477.0	16.9
1993 Total:		6.9	NA	45.4	33.4	369.2	0.3	1.6	NA	456.9	456.9		1993 Avg:		318.9	10.2
1992 Total:		3.3	NA	2.8	2.3	222.8	NA	NA	NA	231.3	231.3		1992 Avg:		330.5	9.8
1991 Total:		0.9	NA	0.7	0.5	73.4	NA	NA	NA	75.6	75.6		1991 Avg:		345.1	7.6

SOUTH END PERCENTAGE BREAKDOWN BY MATERIAL									
YEAR	ALUM	FERROUS METAL	GLASS	MIXED PAPER	NEWS-PAPER	PLASTIC (PET/HDPE)	TIN	CONTAM-INANTS	TOTAL w/cont
2004 Avg:	0.49%	0.22%	18.07%	42.77%	33.17%	1.57%	0.75%	2.97%	100%
2003 Avg:	0.49%	0.22%	18.07%	42.77%	33.17%	1.57%	0.75%	2.97%	100%
2002 Avg:	0.49%	0.22%	18.07%	42.77%	33.17%	1.57%	0.75%	2.97%	100%
2001 Avg:	0.49%	0.22%	18.07%	42.77%	33.17%	1.57%	0.75%	2.97%	100%
2000 Avg:	0.49%	0.20%	18.24%	42.47%	33.63%	1.45%	0.80%	2.72%	100%
1999 Avg:	0.16%	NA	16.23%	41.74%	40.90%	0.06%	0.91%	NA	100%
1998 Avg:	0.16%	NA	16.52%	40.59%	41.68%	0.06%	0.99%	NA	100%
1997 Avg:	0.21%	NA	17.90%	37.99%	42.69%	0.08%	1.13%	NA	100%
1996 Avg:	0.22%	NA	16.85%	37.55%	44.19%	0.08%	1.12%	NA	100%
1995 Avg:	0.23%	NA	15.93%	37.50%	45.05%	0.08%	1.21%	NA	100%
1994 Avg:	0.31%	NA	17.92%	29.16%	51.20%	0.09%	1.33%	NA	100%
1993 Avg:	1.51%	NA	9.94%	7.32%	80.81%	0.07%	0.35%	NA	100%
1992 Avg:	1.44%	NA	1.22%	1.01%	96.33%	NA	NA	NA	100%
1991 Avg:	1.22%	NA	0.91%	0.69%	97.18%	NA	NA	NA	100%

APARTMENT RECYCLING PROGRAM

TOTAL CITY TONNAGE DATA											Sign-Up Data					
Yr	Mo	ALUM	FERROUS METAL	GLASS	MIXED PAPER	NEWS-PAPER	PLASTIC (PET/HDPE)	TIN	CONTAM-INANTS	TOTAL w/cont	TOTAL w/o cont	Bldgs	Units	Units/ Bldg	Lbs/ Bldg	Lbs/ Unit
2003	1	6.6	2.5	215.6	531.7	444.9	20.8	10.3	37.2	1,269.5	1,232.3	4,430	91,624	20.7	556.3	26.9
2003	2	5.4	2.0	178.1	439.2	367.4	17.2	8.5	30.7	1,048.5	1,017.8	4,441	91,981	20.7	458.4	22.1
2003	3	5.9	2.2	192.3	474.1	396.6	18.5	9.2	33.2	1,131.8	1,098.7	4,431	91,428	20.6	495.9	24.0
2003	4	6.1	2.3	199.9	493.7	414.0	19.3	9.6	34.5	1,179.5	1,145.0	4,443	91,511	20.6	515.4	25.0
2003	5	6.2	2.3	203.9	502.7	420.2	19.6	9.7	35.2	1,199.9	1,164.8	4,452	92,002	20.7	523.2	25.3
2003	6	6.4	2.4	208.1	513.2	429.2	20.1	9.9	35.9	1,225.1	1,189.2	4,461	92,353	20.7	533.2	25.8
2003	7	6.8	2.5	223.3	550.8	461.0	21.5	10.6	38.5	1,315.1	1,276.6	4,471	92,664	20.7	571.1	27.6
2003	8	6.1	2.3	199.5	492.0	411.7	19.2	9.5	34.4	1,174.7	1,140.3	4,486	92,970	20.7	508.4	24.5
2003	9	6.6	2.5	217.3	536.1	448.7	21.0	10.4	37.5	1,280.1	1,242.6	4,497	93,120	20.7	552.6	26.7
2003	10	7.0	2.6	229.9	567.1	474.8	22.2	11.0	39.7	1,354.3	1,314.6	4,513	93,390	20.7	582.6	28.2
2003	11	6.2	2.3	203.4	501.9	420.3	19.6	9.7	35.1	1,198.7	1,163.6	4,512	93,452	20.7	515.8	24.9
2003	12	7.3	2.7	238.3	587.8	492.0	23.0	11.4	41.1	1,403.6	1,362.5	4,522	93,736	20.7	602.6	29.1
2004	1	6.5	2.4	211.8	522.4	437.3	20.4	10.1	36.5	1,247.4	1,210.9	4,540	94,277	20.8	533.4	25.7
2004	2	6.0	2.2	197.1	486.2	407.1	19.0	9.4	34.0	1,161.0	1,127.0	4,550	94,686	20.8	495.4	23.8
2004	3	6.8	2.5	222.9	549.6	459.6	21.5	10.6	38.4	1,312.0	1,273.6	4,572	95,488	20.9	557.1	26.7
2004	4	6.4	2.4	209.8	517.5	433.2	20.2	10.0	36.2	1,235.7	1,199.5	4,574	95,486	20.9	524.5	25.1
2004	5	6.3	2.3	205.5	506.9	424.4	19.8	9.8	35.4	1,210.5	1,175.1	4,585	95,819	20.9	512.6	24.5
2004	6	7.2	2.7	236.3	583.2	488.5	22.8	11.3	40.8	1,392.8	1,352.0	4,606	96,434	20.9	587.1	28.0
2004	7	6.8	2.5	221.3	545.8	456.7	21.3	10.5	38.2	1,303.1	1,265.0	4,617	96,928	21.0	548.0	26.1
2004	8	7.0	2.6	228.2	562.8	471.1	22.0	10.9	39.4	1,343.9	1,304.6	4,634	97,446	21.0	563.0	26.8
2004	9	7.2	2.7	235.3	580.6	486.2	22.7	11.2	40.6	1,386.4	1,345.8	4,658	98,031	21.0	577.9	27.5
2004	10	6.8	2.5	222.2	547.8	457.9	21.4	10.6	38.3	1,307.5	1,269.2	4,670	98,408	21.1	543.5	25.8
2004	11	7.4	2.8	243.3	599.8	501.7	23.4	11.6	41.9	1,432.0	1,390.0	4,727	99,301	21.0	588.1	28.0
2004	12	7.9	2.9	257.3	635.3	532.8	24.9	12.3	44.4	1,517.8	1,473.4	4,806	100,567	20.9	613.1	29.3
2004 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:	553.6	26.4
2003 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:	534.6	25.8
2002 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:	520.0	25.2
2001 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: ¹	502.5	26.8
2000 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: ³	497.0	25.0
1999 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 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 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 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 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 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 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 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 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 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 Total:		NA	NA	69.9	42.7	192.8	NA	NA	NA	305.4	305.4			1989 Avg:	NA	NA

TOTAL CITY PERCENTAGE BREAKDOWN BY MATERIAL									
YEAR	ALUM	FERROUS METAL	GLASS	MIXED PAPER	NEWS-PAPER	PLASTIC (PET/HDPE)	TIN	CONTAM-INANTS	TOTAL w/cont
2004 Avg:	0.52%	0.19%	16.98%	41.88%	35.06%	1.64%	0.81%	2.93%	100%
2003 Avg:	0.52%	0.19%	16.98%	41.88%	35.05%	1.64%	0.81%	2.93%	100%
2002 Avg:	0.52%	0.19%	16.96%	41.86%	35.09%	1.64%	0.81%	2.93%	100%
2001 Avg:	0.52%	0.19%	16.95%	41.86%	35.10%	1.64%	0.81%	2.93%	100%
2000 Avg:	0.54%	0.15%	17.11%	43.97%	33.42%	1.50%	0.86%	2.44%	100%
1999 Avg:	0.64%	NA	17.91%	53.01%	25.94%	0.82%	0.62%	1.05%	100%
1998 Avg:	0.69%	NA	17.92%	49.03%	29.09%	0.97%	1.04%	1.26%	100%
1997 Avg:	0.75%	NA	17.87%	50.86%	27.37%	0.95%	1.24%	0.97%	100%
1996 Avg:	0.85%	NA	18.65%	40.26%	37.14%	0.96%	1.38%	0.75%	100%
1995 Avg:	0.69%	NA	20.27%	35.53%	41.65%	0.19%	1.67%	NA	100%
1994 Avg:	0.84%	NA	20.14%	49.57%	27.61%	0.01%	1.83%	NA	100%
1993 Avg:	1.22%	NA	19.96%	65.29%	11.30%	0.01%	2.23%	NA	100%
1992 Avg:	NA	NA	24.76%	48.38%	24.44%	NA	2.31%	NA	100%
1991 Avg:	NA	NA	22.44%	36.17%	40.05%	NA	1.29%	NA	100%
1990 Avg:	NA	NA	20.90%	45.77%	32.76%	NA	0.58%	NA	100%
1989 Avg:	NA	NA	22.90%	13.97%	63.13%	NA	0.00%	NA	100%

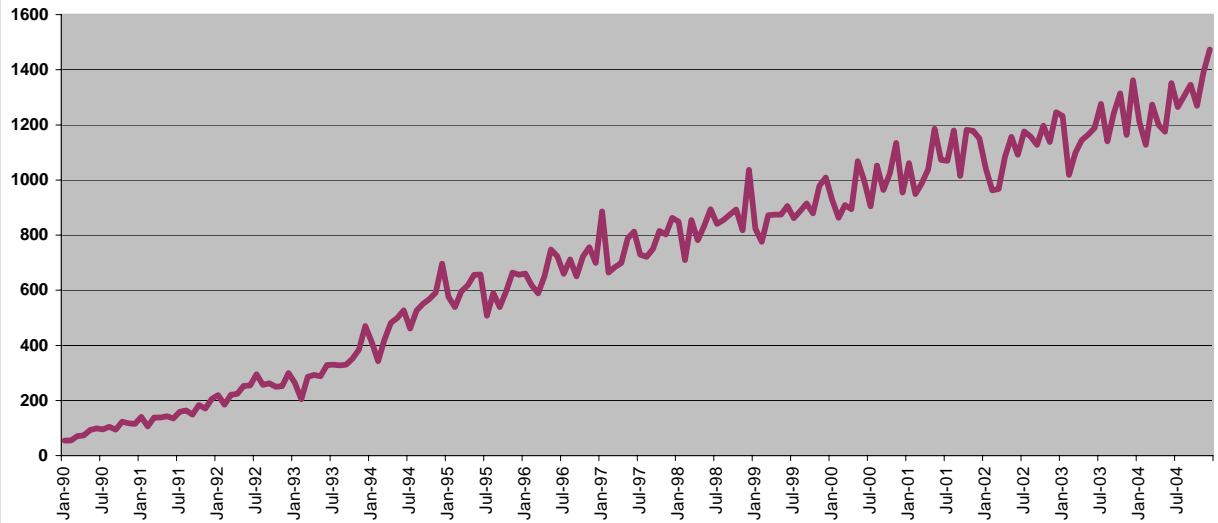
¹ New billing system took effect April 2001. New subscription information not available until March 2002

² New materials (polycoated paper, aseptic packaging and additional plastics) added to program effective April 2000.

³ Subscription data inaccurate due to transfer of accounts during change in contractors Jan 2000

APARTMENT RECYCLING

Monthly Tons Collected
(not including contamination¹)

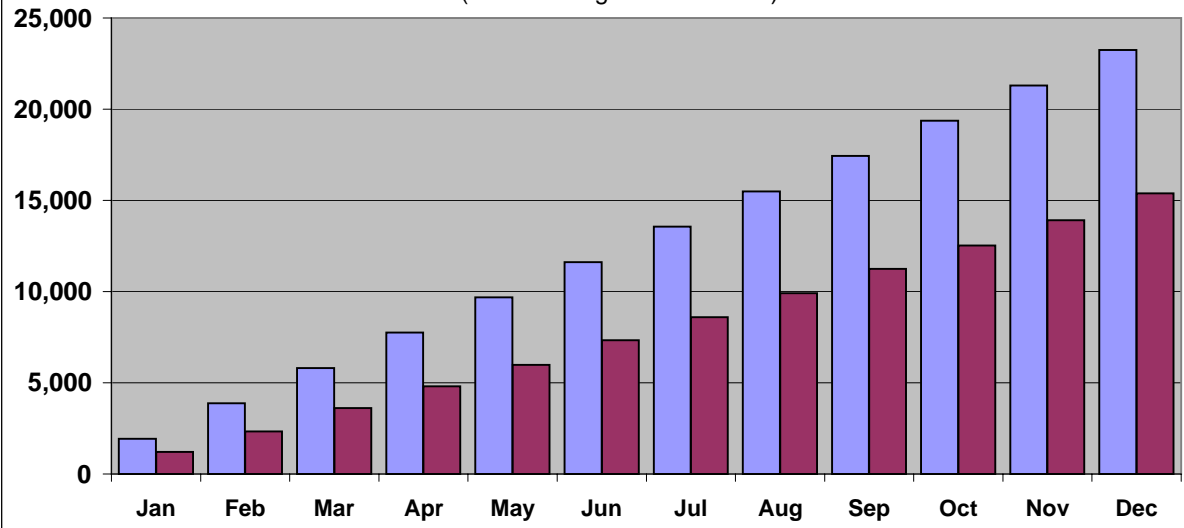


(1) Contamination rate established through composition study performed 2000-2001 applied to tons collected since April 2000. Prior to that, contamination data is incomplete.

APARTMENT RECYCLING

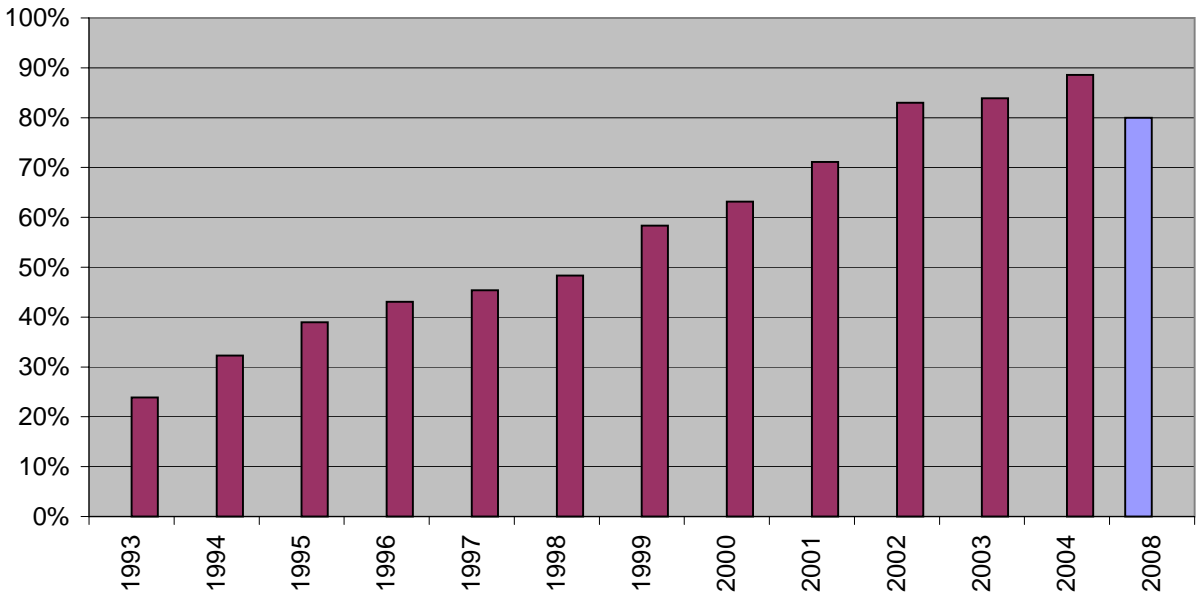
Cumulative Tons Collected 2004
(not including contamination)

■ 2008 Goal ■ 2004 Actual



APARTMENT RECYCLING

Accounts Signed-up¹



¹ As of 2002 chart shows % of units signed up. Before 2002, chart shows % of buildings signed up