

RECYCLING PROGRAMS

4th Quarter 2018

Seattle Public Utilities, Economic Services Section

Report Date: January 30, 2018

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Tonnage Breakdown

Single Family Tons (Without Contaminants)			
Q4 Single Family	13,653 Tons	3.2%	decrease vs. same period in 2017
2018 Cumulative Single Family	53,582 Tons	2.8%	decrease vs. same period in 2017
Multi Family Tons (Without Contaminants)			
Q4 Multi Family	6,413 Tons	0.1%	increase vs. same period in 2017
2018 Cumulative Multi Family	24,520 Tons	0.5%	decrease vs. same period in 2017
Total Residential Tons (Without Contaminants)			
Q4 Total Residential	20,066 Tons	2.2%	decrease vs. same period in 2017
2018 Cumulative Total Residential	78,102 Tons	2.1%	decrease vs. same period in 2017
Business Tons (Without Contaminants)			
Q4 Business Family	907 Tons	9.5%	decrease vs. same period in 2017
2018 Cumulative Business Family	3,554 Tons	8.6%	decrease vs. same period in 2017

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

Selected Recycle Customer Statistics – December 2018

Single Family (4 or less households)			
# SF Households	178,563 HHs	2.6%	increase vs. same period in 2017
Average Monthly Pounds Recyclables per HH	56.9 Lbs	3.3%	decrease vs. same period in 2017
Multi Family (5 or more households)			
# MF Households	215,230 HHs	3.9%	increase vs. same period in 2017
Average Monthly Pounds Recyclables per HH	21.8 Lbs	4.6%	decrease vs. same period in 2017

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 (households) are considered part of the Multi Family Recycling Program for purposes of tracking services. Apartment buildings can choose cart 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)

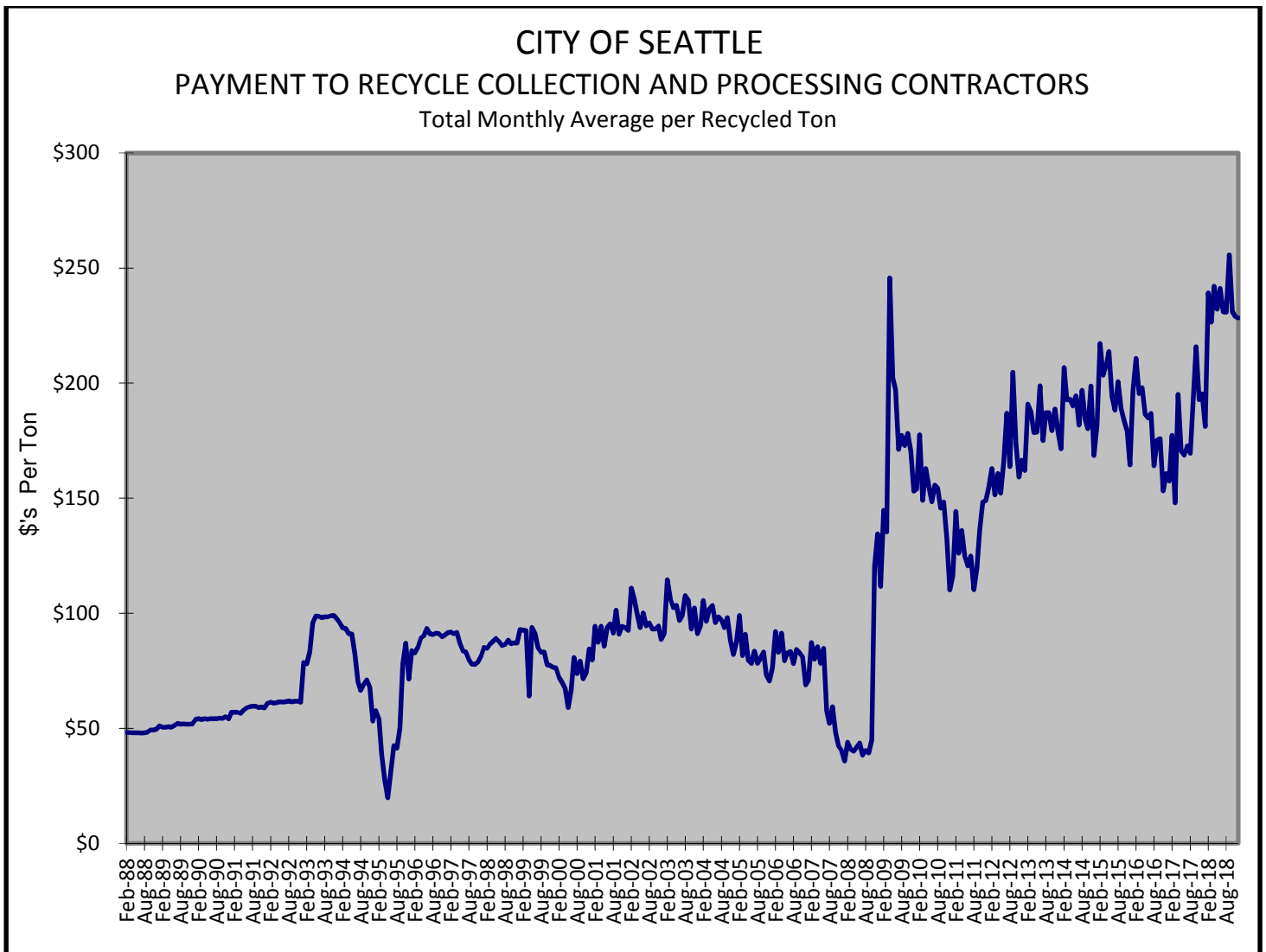
Program Costs¹

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 ²	\$72.78	2008	\$54.28	2016	\$180.21
1993	\$93.25	2001	\$91.64	2009	\$171.38	2017	\$179.22
1994	\$77.38	2002	\$96.46	2010	\$148.54	2018	\$229.64
1995	\$50.27	2003	\$100.62	2011	\$129.41		

Avg. Cost/Ton for 4th Quarter 2018: \$229.43

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



¹ 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.

² 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

SINGLE FAMILY CAN TONS COLLECTED (Includes contaminants)							SINGLE FAMILY (SF) CUSTOMER DATA						
Yr	Mo	Recology Cleanscapes	Waste Management	Total Single Family Tons	Cumulative Single Family Tons	Recology Cleanscapes SF Bldgs	Waste Management SF Bldgs	Total Curb SF ³	Recology SF Households	Waste Management SF Households	Total SF Households ³	LBS PER SF HOUSEHOLD	
2017	1	2,362	3,043	5,405	5,405	N/A	N/A	152,723	N/A	N/A	173,140	62.4	
2017	2	1,933	2,644	4,577	9,982	N/A	N/A	152,812	N/A	N/A	173,237	52.8	
2017	3	2,221	3,048	5,269	15,251	N/A	N/A	152,923	N/A	N/A	173,371	60.8	
2017	4	1,913	2,673	4,586	19,837	N/A	N/A	153,018	N/A	N/A	173,486	52.9	
2017	5	2,223	3,059	5,281	25,118	N/A	N/A	153,095	N/A	N/A	173,552	60.9	
2017	6	2,195	3,049	5,245	30,363	N/A	N/A	153,165	N/A	N/A	173,548	60.4	
2017	7	2,066	2,918	4,984	35,347	N/A	N/A	153,270	N/A	N/A	173,656	57.4	
2017	8	2,231	3,107	5,337	40,685	N/A	N/A	153,521	N/A	N/A	173,967	61.4	
2017	9	2,083	2,866	4,949	45,634	N/A	N/A	153,582	N/A	N/A	174,032	56.9	
2017	10	2,136	2,916	5,052	50,685	N/A	N/A	153,628	N/A	N/A	173,739	58.2	
2017	11	2,246	3,092	5,337	56,023	N/A	N/A	153,717	N/A	N/A	173,861	61.4	
2017	12	2,246	3,066	5,312	61,334	N/A	N/A	153,832	N/A	N/A	173,968	61.1	
2018	1	2,454	3,427	5,881	5,881	N/A	N/A	153,912	N/A	N/A	174,057	67.6	
2018	2	1,823	2,553	4,375	10,257	N/A	N/A	153,990	N/A	N/A	174,127	50.3	
2018	3	2,022	2,856	4,878	15,135	N/A	N/A	154,077	N/A	N/A	173,943	56.1	
2018	4	1,935	2,738	4,673	19,808	N/A	N/A	154,178	N/A	N/A	174,090	53.7	
2018	5	2,120	3,029	5,149	24,957	N/A	N/A	154,299	N/A	N/A	174,131	59.1	
2018	6	2,019	2,845	4,863	29,820	N/A	N/A	154,372	N/A	N/A	174,215	55.8	
2018	7	2,049	2,945	4,994	34,814	N/A	N/A	154,459	N/A	N/A	174,266	57.3	
2018	8	2,133	2,992	5,125	39,939	N/A	N/A	154,481	N/A	N/A	174,266	58.8	
2018	9	1,891	2,598	4,489	44,428	N/A	N/A	154,539	N/A	N/A	174,865	51.3	
2018	10	2,102	2,920	5,022	49,451	N/A	N/A	154,574	N/A	N/A	174,411	57.6	
2018	11	2,115	2,971	5,086	54,537	N/A	N/A	154,555	N/A	N/A	174,037	58.4	
2018	12	2,120	2,963	5,083	59,619	N/A	N/A	154,629	N/A	N/A	178,563	56.9	
SINGLE FAMILY TONNAGE BY MATERIAL DATA (Estimated from periodic composition studies)												AVG LBS	
	ALUM	FERROUS METAL	GLASS	MIXED PAPER	NEWS PAPER	PLASTICS	TIN	CONTAMINANTS	TOTAL w/cont	TOTAL w/o cont	PER HOUSEHOLD		
2018 SF Total:	524	300	15,824	24,647	8,579	3,009	699	6,038	59,619	53,582	56.9		
2017 SF Total:	539	309	16,279	25,356	8,826	3,096	719	6,211	61,334	55,123	58.9		
2016 SF Total:	530	303	16,010	24,937	8,680	3,045	707	6,109	60,322	54,213	62.6		
2015 SF Total:	531	304	16,040	24,983	8,696	3,050	708	6,120	60,434	54,314	64.5		
2014 SF Total:	574	286	10,615	28,987	12,077	2,730	782	3,301	59,353	56,052	63.6		
2013 SF Total:	564	281	10,423	28,462	11,859	2,680	768	3,241	58,278	55,037	62.6		
2012 SF Total:	567	282	10,476	28,607	11,919	2,694	772	3,257	58,575	55,317	63.1		
2011 SF Total:	586	292	10,839	29,598	12,332	2,787	798	3,370	60,604	57,234	65.5		
2010 SF Total:	594	296	10,982	29,988	12,494	2,824	809	3,415	61,401	57,987	66.1		
2009 SF Total:	607	302	11,219	30,636	12,764	2,885	826	3,488	62,728	59,240	68.3		
2008 SF Total:	330	151	11,362	26,594	21,475	1,519	525	1,270	63,227	61,956	68.8		
2007 SF Total:	353	161	12,132	28,373	22,919	1,621	561	1,354	67,475	66,121	72.6		
2006 SF Total:	349	159	11,997	28,049	22,659	1,603	555	1,338	66,710	65,371	72.5		
2005 SF Total:	342	157	11,770	27,496	22,219	1,572	545	1,311	65,413	64,102	71.5		
2004 SF Total:	414	88	10,929	26,218	21,932	1,453	725	2,542	64,302	61,760	69.8		
2003 SF Total:	400	86	10,560	25,333	21,192	1,404	701	2,457	62,133	59,676	67.7		
2002 SF Total:	398	85	10,518	25,217	21,082	1,397	698	2,440	61,847	59,406	67.9		
2001 SF Total:	397	84	10,493	25,149	21,035	1,394	696	2,431	61,680	59,249	66.6		
2000 SF Total:	490	85	11,963	24,987	22,500	1,442	748	2,432	64,410	62,215	69.9		
1999 SF Total:	800	82	12,969	22,870	23,947	727	1,440	1,027	63,862	62,835	70.6		
1998 SF Total:	763	78	12,388	21,878	22,869	695	1,370	993	61,033	60,039	67.5		
1997 SF Total:	741	76	12,029	21,234	22,208	674	1,332	961	59,255	58,294	67.5		
1996 SF Total:	693	71	11,249	19,855	20,769	631	1,246	898	55,412	54,514	61.3		
1995 SF Total:	708	72	11,491	20,289	21,213	644	1,271	920	56,608	55,689	63.1		
1994 SF Total:	696	71	11,307	19,967	20,875	634	1,251	906	55,708	54,802	61.6		
1993 SF Total:	653	67	10,607	18,742	19,579	557	1,171	854	52,268	51,376	57.7		
1992 SF Total:	863	NA	10,702	17,611	17,413	289	1,410	1,260	49,547	48,287	54.2		
1991 SF Total:	685	NA	9,540	19,538	16,103	268	1,424	1,004	48,562	47,558	53.4		
1990 SF Total:	895	NA	9,097	17,202	17,373	163	1,307	686	46,723	46,037	51.3		
1989 SF Total:	433	NA	8,671	15,150	15,116	89	1,280	121	40,860	40,739	46.2		
1988 SF Total:	242	NA	4,834	7,740	10,481	0	649	39	23,986	23,946	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				
2015-2018 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%	38.8%	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. 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 (MF) CUSTOMER DATA ¹										
Yr	Mo	Recology Cleanscapes	Waste Management	Total Multi Family Tons	Cumulative Multi Family Tons	Recology		Waste		Total MF Bldgs	RCS MF Units	WM MF Units	Total MF Units/Bldg	Lbs/Bldg	Lbs/Unit	
						Cleanscapes MF Bldgs	Management MF Bldgs	Management MF Bldgs	Management MF Bldgs							
2017	1	1,465	1,093	2,559	2,559	NA	NA	NA	NA	6,326	NA	NA	198,093	31	808.9	25.8
2017	2	1,309	840	2,149	4,707	NA	NA	NA	NA	6,326	NA	NA	198,238	31	679.3	21.7
2017	3	1,492	937	2,429	7,136	NA	NA	NA	NA	6,332	NA	NA	199,388	31	767.1	24.4
2017	4	1,297	786	2,084	9,220	NA	NA	NA	NA	6,340	NA	NA	200,159	32	657.3	20.8
2017	5	1,475	880	2,355	11,575	NA	NA	NA	NA	6,347	NA	NA	201,574	32	742.2	23.4
2017	6	1,459	850	2,309	13,884	NA	NA	NA	NA	6,355	NA	NA	202,612	32	726.7	22.8
2017	7	1,423	767	2,189	16,073	NA	NA	NA	NA	6,366	NA	NA	203,313	32	687.8	21.5
2017	8	1,485	869	2,353	18,427	NA	NA	NA	NA	6,373	NA	NA	204,305	32	738.6	23.0
2017	9	1,408	762	2,169	20,596	NA	NA	NA	NA	6,393	NA	NA	205,378	32	678.7	21.1
2017	10	1,500	819	2,318	22,915	NA	NA	NA	NA	6,399	NA	NA	206,298	32	724.6	22.5
2017	11	1,538	942	2,480	25,395	NA	NA	NA	NA	6,408	NA	NA	206,919	32	774.1	24.0
2017	12	1,505	933	2,439	27,833	NA	NA	NA	NA	6,408	NA	NA	207,097	32	761.1	23.5
2018	1	1,625	980	2,606	2,606	NA	NA	NA	NA	6,413	NA	NA	207,241	32	812.6	25.1
2018	2	1,292	784	2,076	4,681	NA	NA	NA	NA	6,416	NA	NA	207,324	32	647.0	20.0
2018	3	1,414	834	2,248	6,930	NA	NA	NA	NA	6,425	NA	NA	208,378	32	699.9	21.6
2018	4	1,426	838	2,264	9,194	NA	NA	NA	NA	6,469	NA	NA	209,425	32	699.9	21.6
2018	5	1,457	859	2,317	11,510	NA	NA	NA	NA	6,535	NA	NA	210,544	32	709.0	22.0
2018	6	1,411	812	2,223	13,733	NA	NA	NA	NA	6,584	NA	NA	211,420	32	675.2	21.0
2018	7	1,477	820	2,296	16,029	NA	NA	NA	NA	6,610	NA	NA	212,560	32	694.7	21.6
2018	8	1,492	861	2,352	18,382	NA	NA	NA	NA	6,615	NA	NA	212,992	32	711.3	22.1
2018	9	1,323	739	2,062	20,444	NA	NA	NA	NA	6,624	NA	NA	213,657	32	622.7	19.3
2018	10	1,516	853	2,369	22,813	NA	NA	NA	NA	6,626	NA	NA	214,629	32	715.1	22.1
2018	11	1,495	885	2,380	25,193	NA	NA	NA	NA	6,614	NA	NA	214,531	32	719.6	22.2
2018	12	1,552	939	2,492	27,685	NA	NA	NA	NA	6,622	NA	NA	215,230	33	752.5	23.2
TOTAL MULTIFAMILY PERCENTAGE BREAKDOWN BY MATERIAL (Estimated from periodic composition studies)													Customer Data			
	FERROUS				GLASS	MIXED PAPER	NEWSPAPER	PLASTICS	CONTAM-		TOTAL	TOTAL w/o	Avg			
	ALUM	METAL	TIN	INANTS					w/cont	cont			Lbs/Bldg	Lbs/Unit		
2018 MF Total:	282	81	6,969	12,049	3,501	1,351	289	3,165	27,685	24,520	2018 Avg:	705.0	21.8			
2017 MF Total:	283	81	7,006	12,113	3,520	1,358	290	3,182	27,833	24,652	2017 Avg:	728.9	22.9			
2016 MF Total:	285	82	7,042	12,175	3,538	1,365	292	3,198	27,976	24,778	2016 Avg:	776.3	30.0			
2015 MF Total:	263	75	6,502	11,243	3,267	1,260	269	2,953	25,833	22,880	2015 Avg:	749.9	30.6			
2014 MF Total:	177	68	4,082	12,742	4,066	855	223	1,668	23,880	22,212	2014 Avg:	706.1	29.5			
2013 MF Total:	167	64	3,838	11,981	3,823	804	210	1,568	22,454	20,886	2013 Avg:	675.8	29.0			
2012 MF Total:	164	63	3,785	11,816	3,770	793	207	1,547	22,146	20,599	2012 Avg:	679.5	29.7			
2011 MF Total:	148	56	3,408	10,638	3,394	714	186	1,393	19,937	18,544	2011 Avg:	626.7	27.2			
2010 MF Total:	153	58	3,516	10,974	3,501	736	192	1,437	20,567	19,130	2010 Avg:	668.8	29.6			
2009 MF Total:	144	55	3,316	10,350	3,302	694	181	1,355	19,398	18,043	2009 Avg:	621.9	28.1			
2008 MF Total:	90	106	3,855	9,275	6,014	441	150	530	20,462	21,952	2008 Avg:	626.9	28.7			
2007 MF Total:	93	109	3,965	9,539	6,187	454	155	545	21,046	20,501	2007 Avg:	647.0	30.2			
2006 MF Total:	87	104	3,706	8,903	5,791	424	145	509	19,668	19,159	2006 Avg:	605.8	28.8			
2005 MF Total:	80	95	3,400	8,177	5,309	389	133	467	18,050	17,582	2005 Avg:	582.3	27.6			
2004 MF Total:	82	31	2,691	6,638	5,556	260	128	464	15,850	15,386	2004 Avg:	554.1	26.3			
2003 MF Total:	77	29	2,510	6,190	5,181	242	120	433	14,781	14,348	2003 Avg:	532.6	25.6			
2002 MF Total:	71	27	2,331	5,755	4,823	225	111	402	13,746	13,343	2002 Avg:	509.3	24.5			
2001 MF Total:	70	26	2,283	5,636	4,726	221	109	394	13,465	13,071	2001 Avg:	550.7	25.9			
2000 MF Total:	65	18	2,051	5,269	4,005	180	104	292	11,983	11,691	2000 Avg:	497.0	25.0			
1999 MF Total:	69	NA	1,909	5,648	2,764	87	66	112	10,654	10,542	1999 Avg:	654.7	27.6			
1998 MF Total:	70	NA	1,835	5,020	2,978	100	106	129	10,239	10,110	1998 Avg:	669.2	28.1			
1997 MF Total:	69	NA	1,646	4,686	2,522	87	115	90	9,215	9,125	1997 Avg:	639.2	26.8			
1996 MF Total:	70	NA	1,527	3,297	3,041	79	113	62	8,189	8,127	1996 Avg:	613.5	24.8			
1995 MF Total:	50	NA	1,458	2,556	2,995	13	120	NA	7,192	7,192	1995 Avg:	608.2	22.9			
1994 MF Total:	51	NA	1,225	3,013	1,678	1	111	NA	6,079	6,079	1994 Avg:	657.8	23.6			
1993 MF Total:	47	NA	770	2,517	436	0	86	NA	3,856	3,856	1993 Avg:	646.0	20.2			
1992 MF Total:	3	NA	736	1,439	727	NA	69	NA	2,973	2,973	1992 Avg:	753.3	24.4			
1991 MF Total:	1	NA	411	662	733	NA	24	NA	1,830	1,830	1991 Avg:	733.5	23.4			
1990 MF Total:	NA	NA	229	501	358	NA	6	NA	1,094	1,094	1990 Avg:	712.1	22.8			
1989 MF Total:	NA	NA	70	43	193	NA	NA	NA	305	305	1989 Avg:	NA	NA			
MULTI FAMILY PERCENTAGE BREAKDOWN BY MATERIAL ² (Estimated from periodic composition studies)																
	FERROUS				GLASS	MIXED PAPER	NEWS PAPER	PLASTIC	CONTAM-		TOTAL					
	ALUM	METAL	TIN	INANTS												
2015-2018 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%							

Tonnage data includes contaminants.

1. Before Oct. 206, Multi Family referred to customers that receive dumpster garbage service.

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

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 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)					
2017	1	3,827	4,136	7,963	7,963	315	73	4	25					
2017	2	3,242	3,484	6,725	14,689	292	89	4	45					
2017	3	3,713	3,985	7,698	22,387	334	115	3	61					
2017	4	3,210	3,459	6,670	29,057	305	107	3	50					
2017	5	3,698	3,939	7,637	36,693	342	154	3	61					
2017	6	3,655	3,899	7,554	44,248	319	145	9	67					
2017	7	3,489	3,684	7,173	51,420	349	138	4	60					
2017	8	3,715	3,976	7,691	59,111	313	139	10	61					
2017	9	3,491	3,628	7,119	66,230	318	147	3	72					
2017	10	3,635	3,735	7,370	73,600	371	113	15	73					
2017	11	3,784	4,033	7,817	81,417	324	85	0	64					
2017	12	3,751	4,000	7,750	89,168	308	46	3	79					
2018	1	4,080	4,407	8,487	8,487	349	65	4	78					
2018	2	3,114	3,336	6,451	14,938	259	66	6	66					
2018	3	3,437	3,690	7,127	22,064	300	84	19	130					
2018	4	3,361	3,576	6,937	29,001	294	89	0	122					
2018	5	3,578	3,888	7,466	36,467	283	122	8	129					
2018	6	3,429	3,657	7,086	43,553	237	93	4	121					
2018	7	3,526	3,765	7,290	50,843	328	127	5	154					
2018	8	3,625	3,853	7,478	58,321	315	92	2	140					
2018	9	3,215	3,337	6,551	64,872	283	62	3	118					
2018	10	3,618	3,773	7,392	72,264	312	98	3	112					
2018	11	3,610	3,856	7,466	79,730	291	115	4	85					
2018	12	3,672	3,902	7,574	87,304	304	48	0	84					
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	CONTAMINANTS	TOTAL w/cont	TOTAL w/o cont	MOTOR OIL (Gallons)	ELECTRONICS (units)	APPLIANCES (units)	
2018 Total:	806	381	22,792	36,695	12,080	4,360	987	9,202	87,304	78,102	3,554	1,061	58	1,339
2017 Total:	823	390	23,285	37,469	12,346	4,454	1,009	9,393	89,168	79,775	3,890	1,351	61	718
2016 Total:	815	385	23,052	37,112	12,218	4,409	999	9,307	88,298	78,991	3,912	1,477	131	533
2015 Total:	794	379	22,542	36,226	11,963	4,311	978	9,073	86,266	77,193	3,713	1,438	83	361
2014 Total:	751	354	14,697	41,729	16,143	3,584	1,005	4,969	83,233	78,264	3,294	1,821	49	256
2013 Total:	730	345	14,261	40,443	15,682	3,484	978	4,809	80,732	75,923	3,003	2,445	98	222
2012 Total:	731	345	14,262	40,424	15,689	3,487	979	4,804	80,720	75,916	2,874	14,021	352	1,133
2011 Total:	734	349	14,247	40,236	15,726	3,501	985	4,763	80,541	75,778	2,690	3,035	151	325
2010 Total:	747	354	14,497	40,962	15,996	3,560	1,001	4,851	81,968	77,117	2,896	3,105	147	483
2009 Total:	751	357	14,535	40,986	16,067	3,579	1,008	4,843	82,126	77,283	3,948	1,132	156	417
2008 Total:	420	257	15,216	35,870	27,490	1,960	676	1,800	83,689	83,908				
2007 Total:	446	271	16,097	37,912	29,106	2,075	716	1,899	88,520	86,621				
2006 Total:	436	264	15,703	36,952	28,450	2,027	700	1,848	86,378	84,531				
2005 Total:	422	251	15,170	35,673	27,528	1,961	678	1,778	83,463	81,684				
2004 Total:	496	119	13,620	32,856	27,488	1,712	854	3,006	80,152	77,146				
2003 Total:	477	114	13,070	31,523	26,373	1,646	821	2,890	76,913	74,024				
2002 Total:	470	111	12,849	30,971	25,915	1,623	809	2,843	75,592	72,749				
2001 Total:	467	110	12,776	30,786	25,761	1,614	805	2,826	75,145	72,320				
2000 Total:	555	103	14,014	30,256	26,505	1,622	851	2,724	76,393	73,906				
1999 Total:	868	78	14,878	28,518	26,711	815	1,506	1,139	74,516	73,378				
1998 Total:	833	76	14,223	26,898	25,847	794	1,476	1,122	71,272	70,149				
1997 Total:	810	71	13,675	25,920	24,730	762	1,446	1,050	68,469	67,419				
1996 Total:	763	72	12,777	23,152	23,810	709	1,359	959	63,601	62,641				
1995 Total:	757	71	12,949	22,844	24,209	658	1,391	920	63,801	62,881				
1994 Total:	748	67	12,532	22,981	22,553	635	1,362	906	61,787	60,881				
1993 Total:	700	NA	11,376	21,259	20,015	558	1,257	854	56,124	55,232				
1992 Total:	866	NA	11,438	19,049	18,140	866	1,289	1,260	52,520	51,260				
1991 Total:	686	NA	9,951	20,199	16,836	268	1,447	1,004	50,392	49,388				
1990 Total:	895	NA	9,326	17,703	17,731	163	1,313	686	47,817	47,131				
1989 Total:	433	NA	8,741	15,192	15,308	89	1,280	121	41,165	41,044				
1988 Total:	242	NA	4,834	7,740	10,481	NA	649	39	23,986	23,946				

October 2016: New Billing system (CCB)

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.

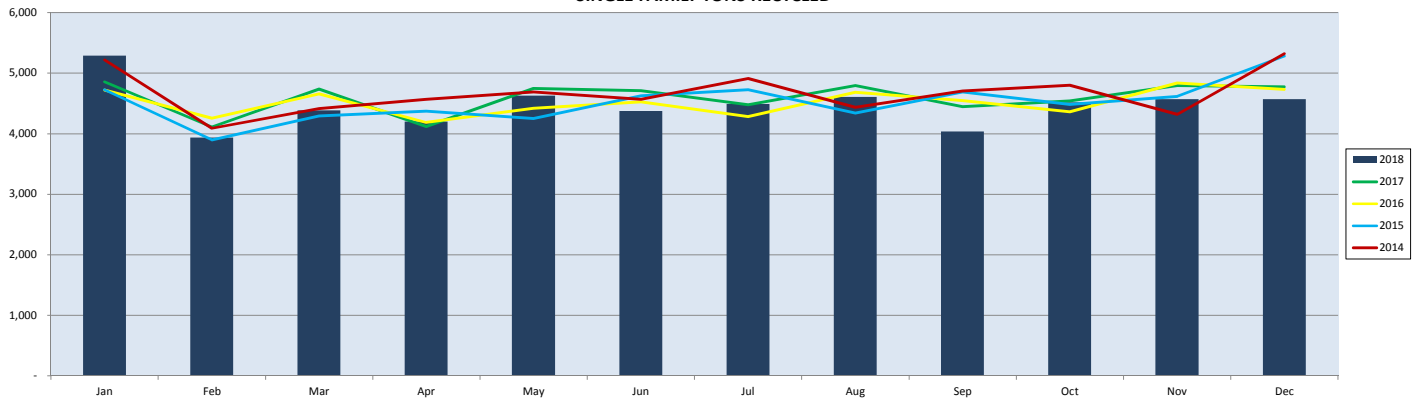
Jan 2005: Ban on recycle in garbage (except plastics) began

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

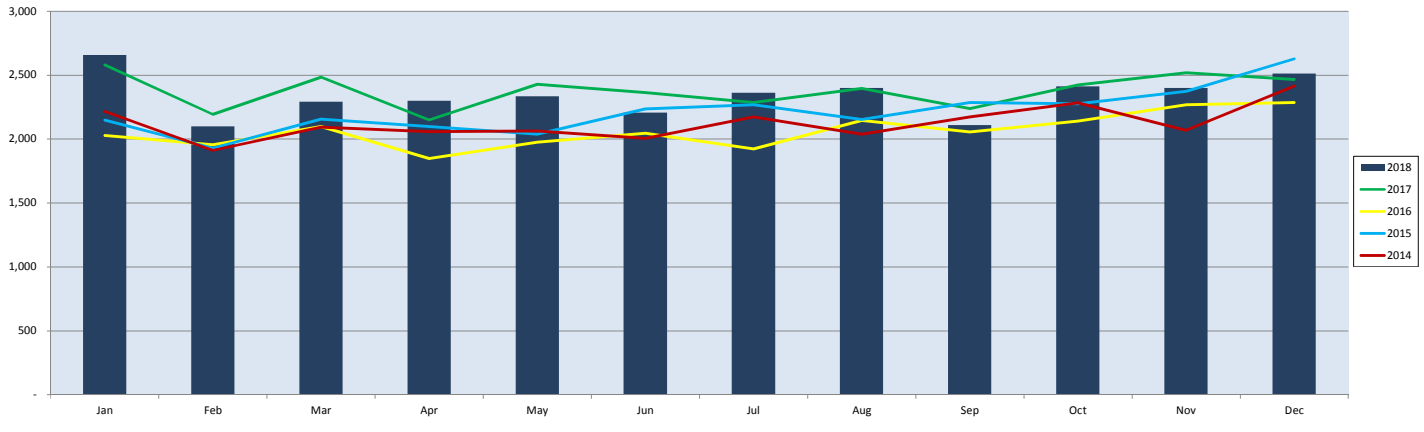
New materials (polycoated paper, aseptic packaging and additional plastics) added to program

Jan 2000: New Billing system (Banner/CCSS)

**CITY OF SEATTLE
SINGLE FAMILY TONS RECYCLED**



**CITY OF SEATTLE
MULTI FAMILY TONS RECYCLED**



**CITY OF SEATTLE
TOTAL RESIDENTIAL AND BUSINESS RECYCLE PROGRAM TONS COLLECTED**

