

GARBAGE REPORT

Q1 2020

Seattle Public Utilities, Rates & Financial Planning
Report Date: May 20, 2020

Email: SPU_SW_Reports@seattle.gov

Total City Tonnage Breakdown

Self Haul		
Q1 Self Haul Cars	936 Tons	6.0% ↑ vs. same period in 2019
2020 Cumulative Self Haul Cars:	936 Tons	6.0% ↑ vs. same period in 2019
Q1 Self Haul Trucks ¹ :	22,705 Tons	5.31% ↑ vs. same period in 2019
2020 Cumulative Self Haul Trucks:	22,705 Tons	5.31% ↑ vs. same period in 2019
2020 Cumulative Self Haul Cars & Trucks:	23,641 Tons	5.34% ↑ vs. same period in 2019
Residential		
Q1 Single Family:	14,950 Tons	7.2% ↑ vs. same period in 2019
2020 Cumulative Single Family:	14,950 Tons	7.2% ↑ vs. same period in 2019
Q1 Multi Family:	12,830 Tons	6.3% ↑ vs. same period in 2019
2020 Cumulative Multi Family:	12,830 Tons	6.3% ↑ vs. same period in 2019
Q1 Total Residential:	27,779 Tons	6.8% ↑ vs. same period in 2019
2020 Cumulative Total Residential:	27,779 Tons	6.8% ↑ vs. same period in 2019
Commercial		
Q1 Commercial:	31,749 Tons	0.7% ↓ vs. same period in 2019
2020 Cumulative Commercial:	31,749 Tons	0.7% ↓ vs. same period in 2019
Total Tons Collected		
Q1 Total Collected:	83,170 Tons	3.4% ↑ vs. same period in 2019
2020 Cumulative Total Collected:	83,170 Tons	3.4% ↑ vs. same period in 2019
Total Tons Delivered To Arlington²		
Q1 Total Delivered:	85,814 Tons	3.7% ↑ vs. same period in 2019
2020 Cumulative Total Delivered:	85,814 Tons	3.7% ↑ vs. same period in 2019

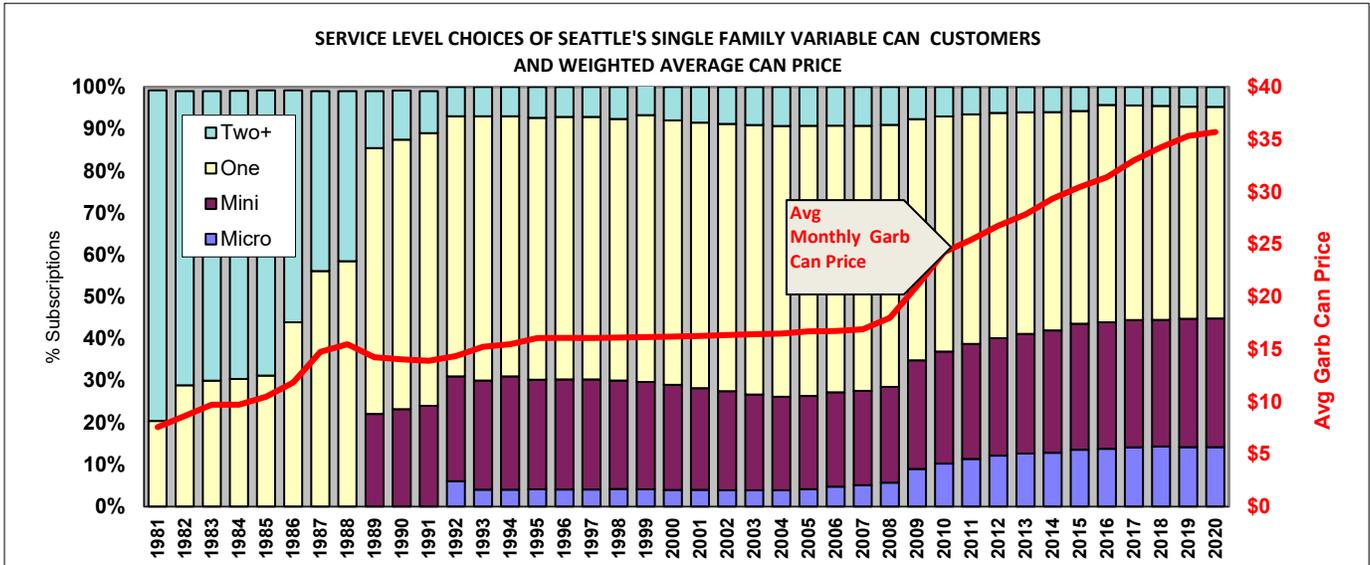
Selected Garbage Customer Statistics – March 2020

Single Family (4 or less households)		
# SF Households	169,406 HHs	0.9% ↑ vs. same period in 2019
Average Monthly Pounds Garbage per HH	58.9 Lbs	6.3% ↑ vs. same period in 2019
Multi Family (5 or more households)		
# MF Households	197,148 HHs	3.2% ↑ vs. same period in 2019
Average Monthly Pounds Garbage per HH	43.5 Lbs	2.85% ↑ vs. same period in 2019

¹ An estimated 38% of the self-haul truck tons are commercial according to a waste stream sampling study conducted in 2012.

² Total tons collected not equal to total tons delivered due to operational factors.

Variable Can Service Levels for Single Family Can Customers



	Micro	Mini	One	Two+
1981			18.00%	82.00%
1982			29.00%	71.00%
1985			30.00%	70.00%
1986			54.00%	46.00%
1987			62.00%	38.00%
1989		24.00%	64.00%	12.00%
1992	6.00%	25.00%	62.00%	7.00%
1993	4.00%	26.00%	63.00%	7.00%
1994	4.00%	27.00%	62.00%	7.00%
1995	4.06%	26.15%	62.44%	7.35%
1997	4.04%	26.23%	62.59%	7.14%
1998	4.16%	25.88%	62.35%	7.61%
1999	4.06%	25.60%	63.62%	7.72%
2000	3.93%	25.08%	63.02%	7.97%
2001	3.96%	24.24%	63.32%	8.49%
2002	3.85%	23.62%	63.72%	8.82%
2003	3.84%	22.85%	64.23%	9.08%
2004	3.86%	22.31%	64.54%	9.30%
2005	4.13%	22.22%	64.37%	9.28%
2006	4.72%	22.49%	63.57%	9.21%
2007	5.05%	22.50%	63.17%	9.28%
2008	5.66%	22.85%	62.45%	9.04%
2009	8.93%	25.89%	57.51%	7.67%
2010	10.21%	26.69%	56.08%	7.02%
2011	11.31%	27.45%	54.72%	6.53%
2012	12.13%	27.98%	53.68%	6.21%
2013	12.62%	28.49%	52.85%	6.04%
2014	12.75%	28.66%	52.58%	6.02%
2015	12.90%	29.29%	51.83%	5.98%
2016	13.99%	30.49%	51.22%	4.30%
2017	14.02%	30.52%	51.15%	4.31%
2018	14.26%	30.20%	51.01%	4.53%
2019	14.13%	30.62%	50.53%	4.72%
2020	14.14%	30.66%	50.45%	4.75%

Monthly Variable Can Rates

Micro (12 gal)	\$24.25
Mini (19 gal)	\$29.70
One Can (32 gal)	\$38.65
Two Cans (64 gal)	\$77.25
Each Add'l Can	\$12.00

Residential Dumpster Service

Most Common Monthly Rate*
\$243.78

*This is the rate for a one cubic yard un-compacted container picked up once per week. Residential dumpster service rates vary based on the number and size of containers and the number of pickups per week

Self Haul Rates

Cars: \$30 per trip
 Trucks*: \$145.00 per ton
 (\$30.00 minimum)

*Vans & pickup trucks pay the per ton truck rate.

CITY OF SEATTLE GARBAGE TONNAGE REPORT

		SELF HAUL		RESIDENTIAL								COMMERCIAL GARBAGE						GRAND					
		Self Haul ²³		Recology/ CleanScapes ¹⁹		Waste Management		TOTALS					Recology/CleanScapes		Rabanco		Waste Management		TOTAL	TOTAL			
		Self Haul		City	Eastmont/ Lander ²⁰	City	East- mont	Single Family	SF ²⁴ Lbs/HH	Multi Family	MF ²⁴ Lbs/HH	Total Residential	City	East- mont	Recol- ogy ²²	City	Lander ²¹	East- mont	City	East- mont	COMMERCIAL	GARBAGE	
Year	Month	Cars ²	Trucks	Stations	Lander ²⁰	Stations	East- mont	Family	Lbs/HH	Family	Lbs/HH	Residential	Stations	East- mont	Recol- ogy ²²	Stations	Lander ²¹	East- mont	Stations	Lander	East- mont	COMMERCIAL	GARBAGE
2019	1	283	7,617	7,900	5,026	0	4,623	0	5,221	62	4,428	47	9,649	5,264	0	168		882	4,828	484	11,626	29,175	
2019	2	228	5,790	6,019	4,064	0	3,734	0	4,152	50	3,646	38	7,798	4,508	1	111		661	3,855	398	9,533	23,350	
2019	3	372	8,153	8,525	4,475	0	4,079	6	4,567	54	3,992	42	8,559	5,035	0	109		734	4,417	506	10,800	27,884	
2019	4	320	8,118	8,438	4,784	0	4,270	66	4,826	58	4,295	45	9,120	5,197	0	143		761	4,807	455	11,363	28,922	
2019	5	398	8,702	9,100	4,995	0	4,554	0	5,110	61	4,439	46	9,549	5,460	0	148		796	4,797	555	11,756	30,405	
2019	6	395	8,806	9,200	4,591	0	4,058	0	4,573	54	4,076	42	8,649	5,391	0	112		719	4,388	554	11,164	29,013	
2019	7	386	9,372	9,758	5,220	0	4,696	0	5,246	62	4,670	48	9,916	5,642	0	59		819	4,886	416	11,822	31,497	
2019	8	396	9,535	9,931	4,904	4	4,435	4	4,953	59	4,393	45	9,347	5,478	1	135		799	4,810	436	11,659	30,936	
2019	9	358	8,656	9,014	4,802	0	4,289	0	4,818	57	4,273	44	9,091	5,212	0	111		806	4,542	533	11,204	29,309	
2019	10	298	8,663	8,961	5,047	0	4,522	0	5,083	60	4,486	46	9,568	5,496	0	28		825	4,819	523	11,692	30,221	
2019	11	279	7,276	7,555	4,646	1	4,153	0	4,661	55	4,139	42	8,800	5,043	8	74		783	4,387	510	10,806	27,160	
2019	12	278	6,829	7,106	4,921	0	4,396	0	4,981	59	4,336	44	9,317	5,113	0	59		886	4,760	444	11,261	27,685	
2020	1	286	7,257	7,543	5,148	0	4,663	0	5,330	63	4,482	46	9,811	5,344	0	148		919	4,852	529	11,793	29,148	
2020	2	313	7,977	8,290	4,445	0	4,014	7	4,420	52	4,047	41	8,466	4,856	0	60		723	4,390	450	10,480	27,236	
2020	3	337	7,471	7,808	4,970	0	4,526	6	5,201	61	4,301	44	9,502	4,068	0	0		823	4,179	407	9,477	26,786	
Total 2020		936	22,705	23,641	14,564	0	13,203	13	14,950	177	12,830	130	27,779	14,268	0	208		2,465	13,422	1,386	31,749	83,170	
Total 2019		3,991	97,516	101,506	57,476	5	51,807	76	58,191	58	51,174	44	109,365	62,839	10	1,257		9,471	55,296	5,814	134,686	345,557	
Total 2018		3,699	97,127	100,826	55,836	29	51,247	374	57,725	58	49,760	45	107,485	63,626	306	1,270		9,662	57,148	6,192	138,204	346,515	
Total 2017		3,483	95,808	99,291	54,364	0	50,947	4	56,541	57	48,773	46	105,315	65,197	0	1,439		9,697	57,604	5,381	139,317	343,923	
Total 2016		2,236	63,604	65,840	53,258	0	50,437	40	54,298	55	49,437	55	103,736	65,528	0	1,746		9,169	56,426	5,860	138,729	308,305	
Total 2015		2,190	58,748	60,938	52,231	21	49,713	8	52,529	53	49,443	57	101,972	66,831	38	5,870		5,884	55,394	5,539	139,557	302,467	
Total 2014		2,487	55,360	57,847	56,344	230	55,396	241	59,772	61	52,439	63	112,211	66,888	2,431	3,378		5,680	55,804	5,275	139,457	309,515	
Total 2013		6,569	67,450	74,018	52,050	3,667	50,889	4,233	60,302	62	50,537	63	110,838	35,955	31,556			5,623	33,975	25,233	132,343	317,199	
Total 2012		6,285	64,190	70,474	52,651	3,007	53,052	2,709	60,906	62	50,514	65	111,420	41,082	27,298			5,883	38,527	21,300	134,089	315,984	
Total 2011		6,206	64,827	71,033	54,180	2,320	54,935	1,339	62,779	64	49,993	65	112,773	41,090	26,773			5,519	39,170	22,984	135,536	319,342	
Total 2010		6,230	73,062	79,292	53,799	3,587	54,995	1,715	64,309	66	49,788	66	114,097	37,844	32,486			2,742	42,042	27,066	142,180	335,569	
Total 2009		6,354	75,210	81,565	57,760	4,730	52,243	3,992	118,725	31,939	24,020		127,219					13,703	4,206	9,278	151,398	351,688	
Total 2008		5,750	85,144	90,894	72,125	7,324	47,111	660	127,219				133,426					63,903	15,523	38,414	176,791	394,904	
Total 2007		6,755	100,343	107,098	73,433	9,827	49,918	248	133,426				134,674					55,453	77,257	693	199,018	439,542	
Total 2006		7,711	95,717	103,428	72,436	10,551	49,718	969	134,674				134,557					59,890	76,187		201,205	438,308	
Total 2005		7,487	93,011	100,499	78,520	4,390	51,638	9	134,557				142,527					59,107	81,223		205,846	440,902	
Total 2004		7,723	92,043	99,766	77,887	8,398	53,125	3,118	142,527				143,532					32,492	114,374		216,112	458,405	
Total 2003		7,386	93,845	101,232	83,943	3,596	54,147	1,845	143,532				142,910					28,843	113,688		213,247	458,010	
Total 2002		7,353	95,537	102,891	86,806	4,066	55,145	554	142,910				144,557					31,135	112,409		217,195	462,996	
Total 2001		6,818	95,487	102,305	87,793	539	56,216	9	144,557				145,845						145,933		82,472	228,405	475,268
Total 2000		6,323	95,560	101,883	77,300	869	67,309	368	145,845				147,718						136,695		91,722	228,417	476,145
Total 1999 ¹³		6,989	97,378	104,367	46,595		101,123		147,718				145,934						139,396		85,952	225,348	477,433
Total 1998		16,883	81,136	98,019	43,621	2,230	100,083		145,934				147,938						133,429		80,217	213,646	457,598
Total 1997		15,750	81,396	97,146	47,290	16	100,632		147,938				144,289						129,617		79,053	208,670	453,754
Total 1996 ¹²		13,777	70,091	83,868	47,784	962	95,543		144,289				150,124						123,521		71,448	194,969	423,127
Total 1995 ⁸		13,279	71,208	84,487	48,626	572	100,926		150,124				150,089						121,121		75,581	196,702	431,313
Total 1994		13,064	74,291	87,354	46,922	2,043	101,123		150,089				144,127						119,623		75,144	194,767	432,210
Total 1993		8,665	76,853	85,518	47,269		96,859		144,127				142,154						126,676		73,915	200,591	430,236
Total 1992		8,178	80,742	88,920	45,475		96,679		142,154				140,722						125,596		68,742	194,338	425,412
Total 1991		7,947	68,576	76,523	44,228		96,494		140,722				140,528						147,868		74,389	222,257	439,502
Total 1990 ³		7,253	73,939	81,192	44,249		96,278		140,528				143,222						157,664		78,461	236,125	457,845
Total 1989 ^{4,5}		6,919	58,720	65,639	45,338		97,884		143,222				179,968						121,029		75,513	196,542	405,403
Total 1988 ⁵		11,810	75,557	87,367	96,405		93,564		179,968				188,844						125,494		72,680	198,174	465,509
Total 1987 ⁷		13,622	88,147	101,769	99,159		89,685		188,844				190,586						170,703		55,212	225,915	516,528
Total 1986		25,278	105,442	130,720	100,190		90,396		190,586										151,189		50,947	202,136	523,442

1 The two city owned recycling and disposal stations are NRDS in the north end of the city and SRDS in the South end.

2 Beginning Feb 2014 car trips are weighed. Prior to this, car weights were calculated based on composition study results.

Car weight estimate for 2009 - Jan 2014 based on 480.8 pounds per car

Car weight estimate for 2001/2008 based on 378.8 pounds per car.

Car weight estimate for 1999/2000 based on 333 pounds per car

Car weight estimate for 1998 based on 433 pounds per car.

Car weight estimate for 1994/95 based on 290 pounds per car.

3 Wood Waste Program at city owned transfer stations began in Jan, 1990, ended as separate program 2009

4 Apartment Recycling Program began in May, 1989

5 Curbside Yard Waste Collection began in January, 1989

6 Curbside Recycling Program began in February, 1988

7 Yard Waste "Clean Green" Program began in August, 1987

8 In 1995 3,220 tons of yard waste residuals were returned to SRDS and not weighed in. Added to self haul truck tons.

9 When tons are diverted to a private station it is usually due to equipment failure or maintenance.

10 Eastmont figures are "incoming" tons as reported by Waste Management.

11 Rabanco's tons are "incoming" beginning 1/1/1999 as reported by Rabanco.

12 158 commercial tons were taken to Klickitat from Rabanco in May 96 due to container shortages. These tons have been added back in the above table.

13 The large decrease in car tons from '98 to '99 is attributable to two factors. There was an increase in the per ton "car" rate from \$8.50 to \$13.00.

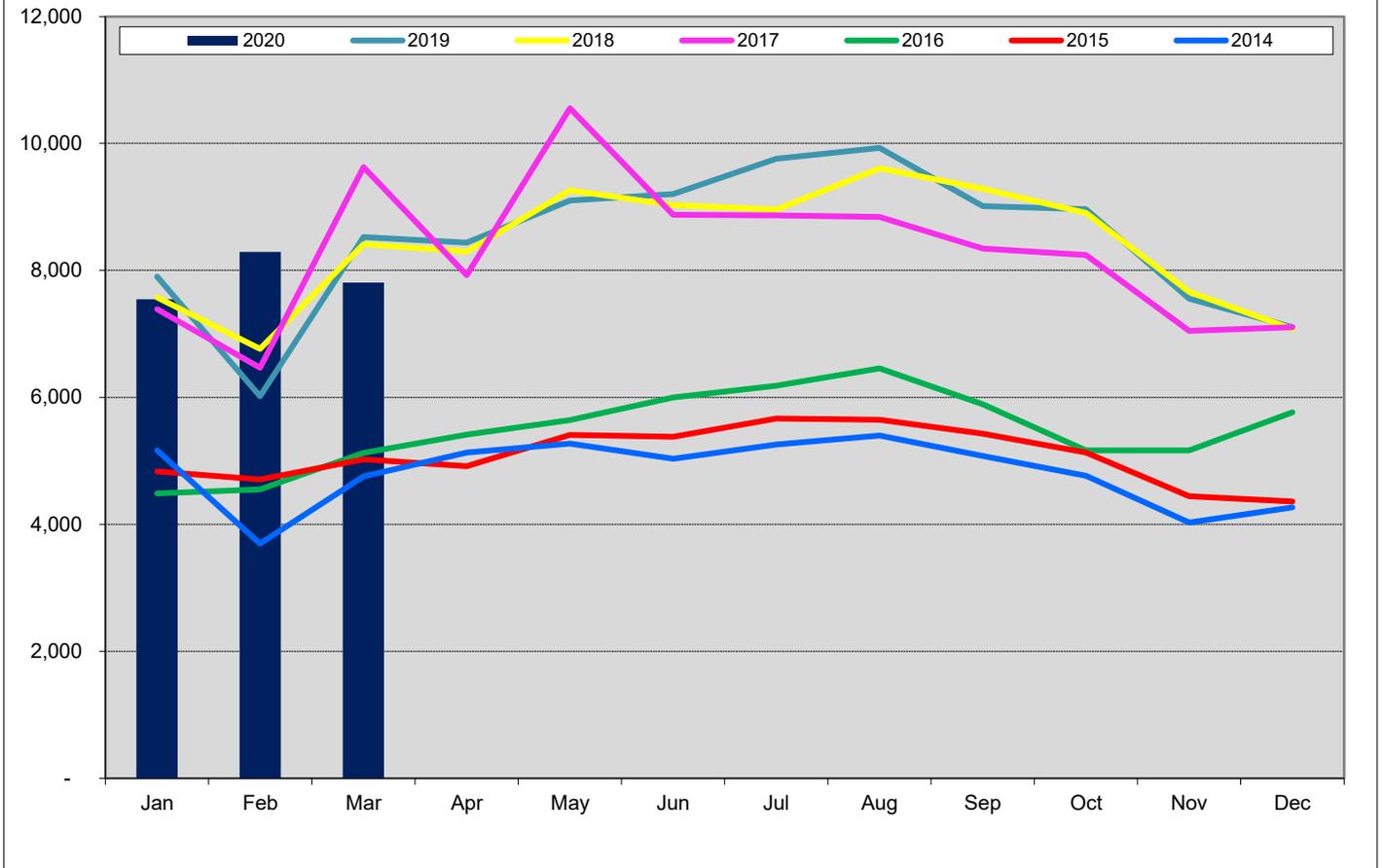
In addition, vans/pick-ups are no longer considered as "car" rate & must pay the per ton rate as "trucks".

16 January 2005 Ban on recyclables in garbage is instituted. January 2015 ban on organics, including food waste in garbage instituted

17 Beginning April 2005 Rabanco began Co-Collecting multi-family residential and commercial garbage in the same truck.

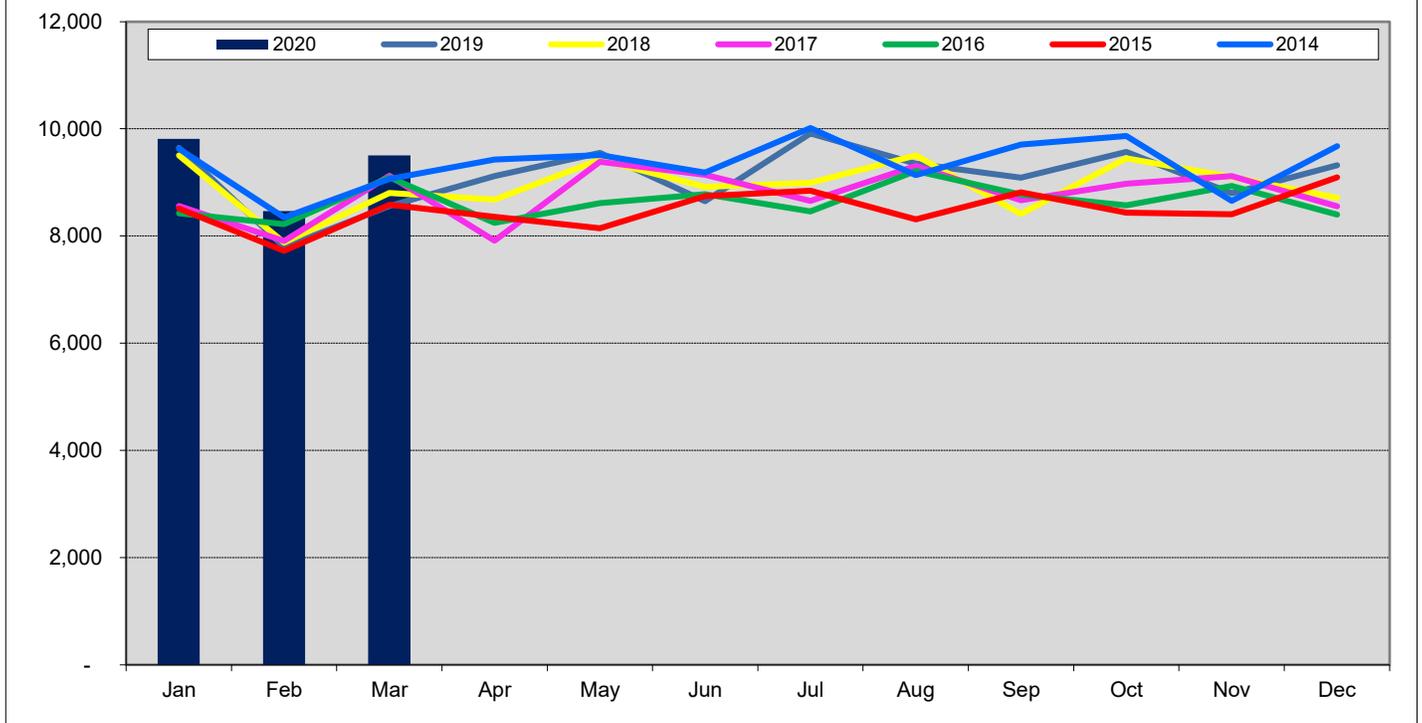
18 Aug 2007 Eastmont Station open to commercial garbage again

CITY OF SEATTLE SELF HAUL TO CITY OWNED STATIONS Self Haul Cars and Trucks Tons

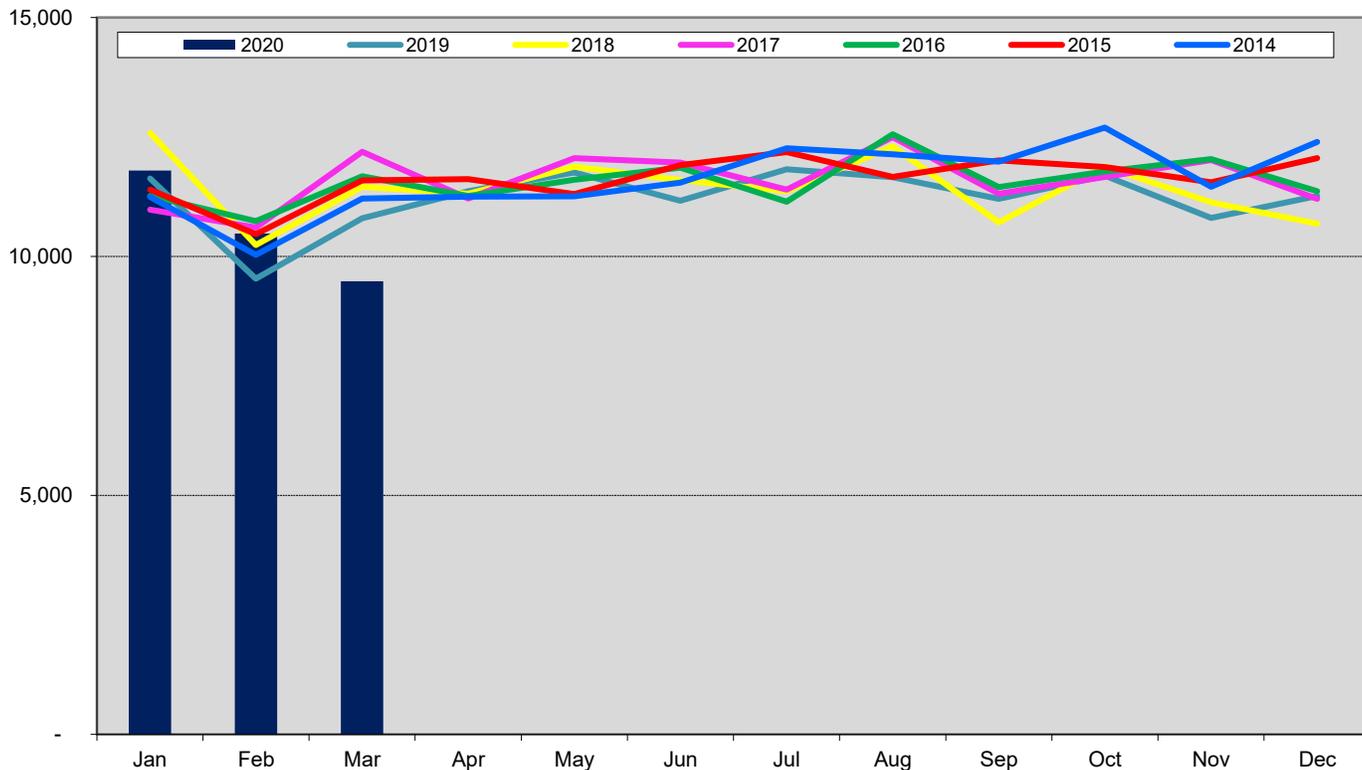


The North Transfer Station was closed from January 2014 - November 2016 for a rebuild.

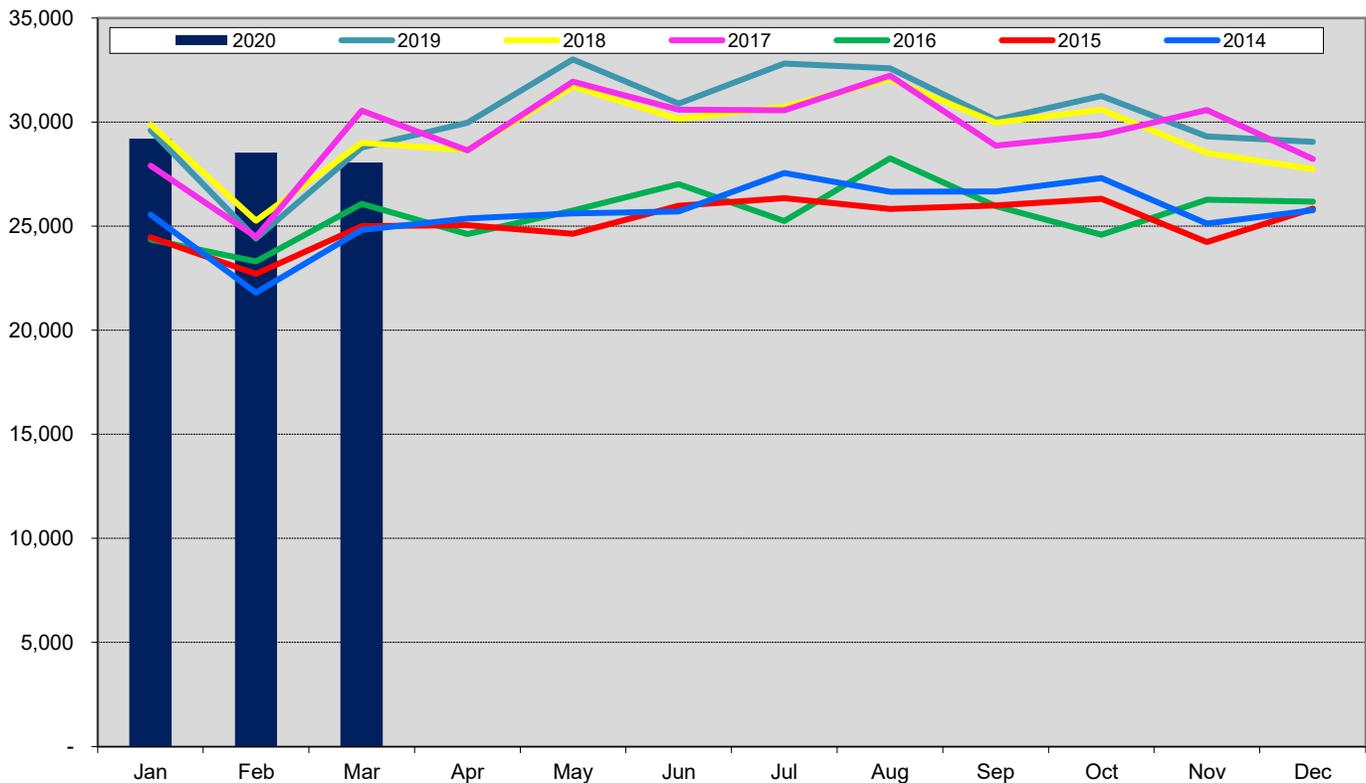
CITY OF SEATTLE RESIDENTIAL COLLECTION Total City Tons



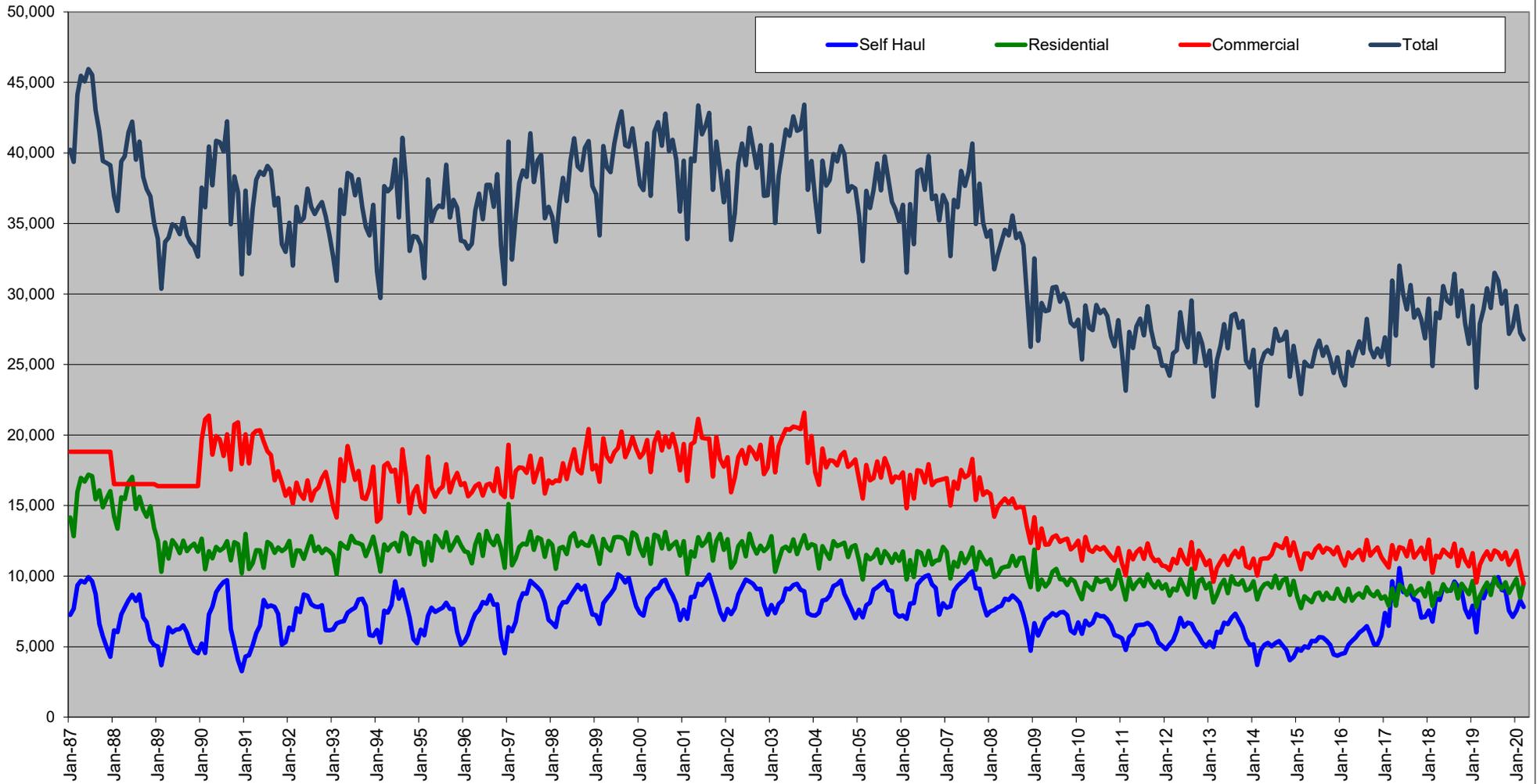
CITY OF SEATTLE Commercial Garbage Total Tons Collected



CITY OF SEATTLE TOTAL OUTBOUND TONS Total Tons Delivered to Arlington Landfill



City of Seattle Garbage Disposal



Monthly commercial tonnage for 1987-1989 estimated from annual data.

