

GARBAGE REPORT

4th Quarter 2017

Seattle Public Utilities, Economic Services Section

Report Date: February 16, 2018

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Total City Tonnage Breakdown

Self Haul¹

Q4 Self Haul Cars ²	720 Tons	48.0%	increase vs. same period in 2016
2016 Cumulative Self Haul Cars:	3,483 Tons	55.8%	increase vs. same period in 2016
Q4 Self Haul Trucks ³ :	21,676 Tons	38.9%	increase vs. same period in 2016
2017 Cumulative Self Haul Trucks:	95,807 Tons	50.6%	increase vs. same period in 2016
2017 Cumulative Self Haul Cars & Trucks:	99,290 Tons	50.8%	increase vs. same period in 2016

Residential

Q4 Single Family:	14,311 Tons	3.6%	increase vs. same period in 2016
2017 Cumulative Single Family:	56,541 Tons	4.1%	increase vs. same period in 2016
Q4 Multi Family:	11,679 Tons	0.4%	decrease vs. same period in 2016
2017 Cumulative Multi Family:	47,892 Tons	3.8%	decrease vs. same period in 2016
Q4 Total Residential:	25,990 Tons	1.8%	increase vs. same period in 2016
2017 Cumulative Total Residential:	104,434 Tons	0.3%	increase vs. same period in 2016

Commercial

Q4 Commercial:	34,724 Tons	1.3%	decrease vs. same period in 2016
2017 Cumulative Commercial:	139,038 Tons	0.2%	increase vs. same period in 2016

Total Tons Collected

Q4 Total Collected:	83,110 Tons	8.2%	increase vs. same period in 2016
2017 Cumulative Total Collected:	342,762 Tons	11.0%	increase vs. same period in 2016

Total Tons Delivered To Arlington⁴

Q4 Total Delivered:	88,200 Tons	14.5%	increase vs. same period in 2016
2017 Cumulative Total Delivered:	353,976 Tons	15.1%	increase vs. same period in 2016

Selected Statistics

Average Monthly Pounds Garbage Collected per Household YTD

Single Family Customers: 57 lbs/hh (165,482 hhs)
(4 or less dwelling units)

Multi Family Customers 46 lbs/hh (181,545 hhs)
(5 or more dwelling units)

Recycling & Disposal Station Self Haul Garbage Rates⁵

Cars: \$30.00 per trip

Trucks: \$145.00 per ton (\$30.00 minimum)

¹ The North Recycle & Disposal Station re-opened Nov 28, 2016 after a rebuild.

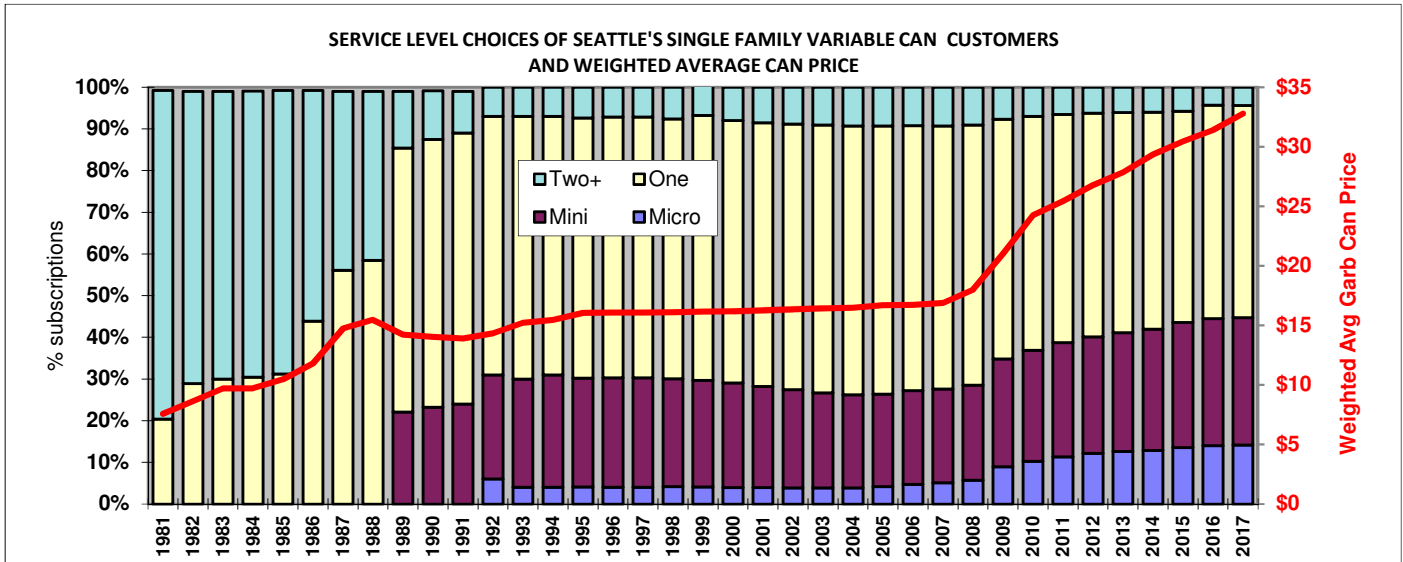
² Beginning Feb 2014 car trips are weighed. Prior to Feb 2014, car weights were calculated based on composition study results. Average weighed car trips were 280 pounds/car for Q1 2014 as compared to 480.8 pounds/car that were used from 2009 to present based on the 2008 waste composition study.

³ An estimated 38% of the self-haul truck tons are commercial according to a waste stream sampling study conducted in 2012.

⁴ Total tons collected not equal to total tons delivered due to operational factors.

⁵ Vans & pickup trucks pay the per ton truck rate.

Variable Can Service Level for Single Family Can Customers



	Micro	Mini	One	Two+	Weighted Avg Price
1981			20.40%	78.80%	\$7.57
1982			28.87%	70.13%	\$8.63
1985			31.20%	68.00%	\$10.47
1986			43.90%	55.30%	\$11.81
1987			56.10%	42.90%	\$14.74
1989		22.05%	63.36%	13.59%	\$14.22
1992	6.00%	25.00%	62.00%	7.00%	\$14.34
1993	4.00%	26.00%	63.00%	7.00%	\$15.23
1994	4.00%	27.00%	62.00%	7.00%	\$15.47
1995	4.06%	26.15%	62.44%	7.35%	\$16.06
1996	4.04%	26.23%	62.59%	7.14%	\$16.07
1998	4.16%	25.88%	62.35%	7.61%	\$16.10
1999	4.06%	25.60%	63.62%	7.72%	\$16.15
2000	3.93%	25.08%	63.02%	7.97%	\$16.19
2001	3.96%	24.24%	63.32%	8.49%	\$16.25
2002	3.85%	23.62%	63.72%	8.82%	\$16.35
2003	3.84%	22.85%	64.23%	9.08%	\$16.42
2004	3.86%	22.31%	64.54%	9.30%	\$16.48
2005	4.13%	22.22%	64.37%	9.28%	\$16.70
2006	4.72%	22.49%	63.57%	9.21%	\$16.73
2007	5.05%	22.50%	63.17%	9.28%	\$16.90
2008	5.66%	22.85%	62.45%	9.04%	\$17.98
2009	8.94%	25.89%	57.51%	7.67%	\$21.01
2010	10.21%	26.69%	56.08%	7.02%	\$24.25
2011	11.31%	27.45%	54.72%	6.53%	\$25.43
2012	12.13%	27.98%	53.68%	6.21%	\$26.76
2013	12.62%	28.49%	52.85%	6.04%	\$27.85
2014	12.80%	29.17%	52.01%	6.01%	\$29.34
2015	13.52%	30.02%	50.71%	5.75%	\$30.46
2016	13.99%	30.49%	51.22%	4.30%	\$31.39
2017	14.24%	30.62%	50.71%	4.43%	\$32.79

The weighted average method is used to estimate the average variable can price.

Current Monthly Variable Can Rates

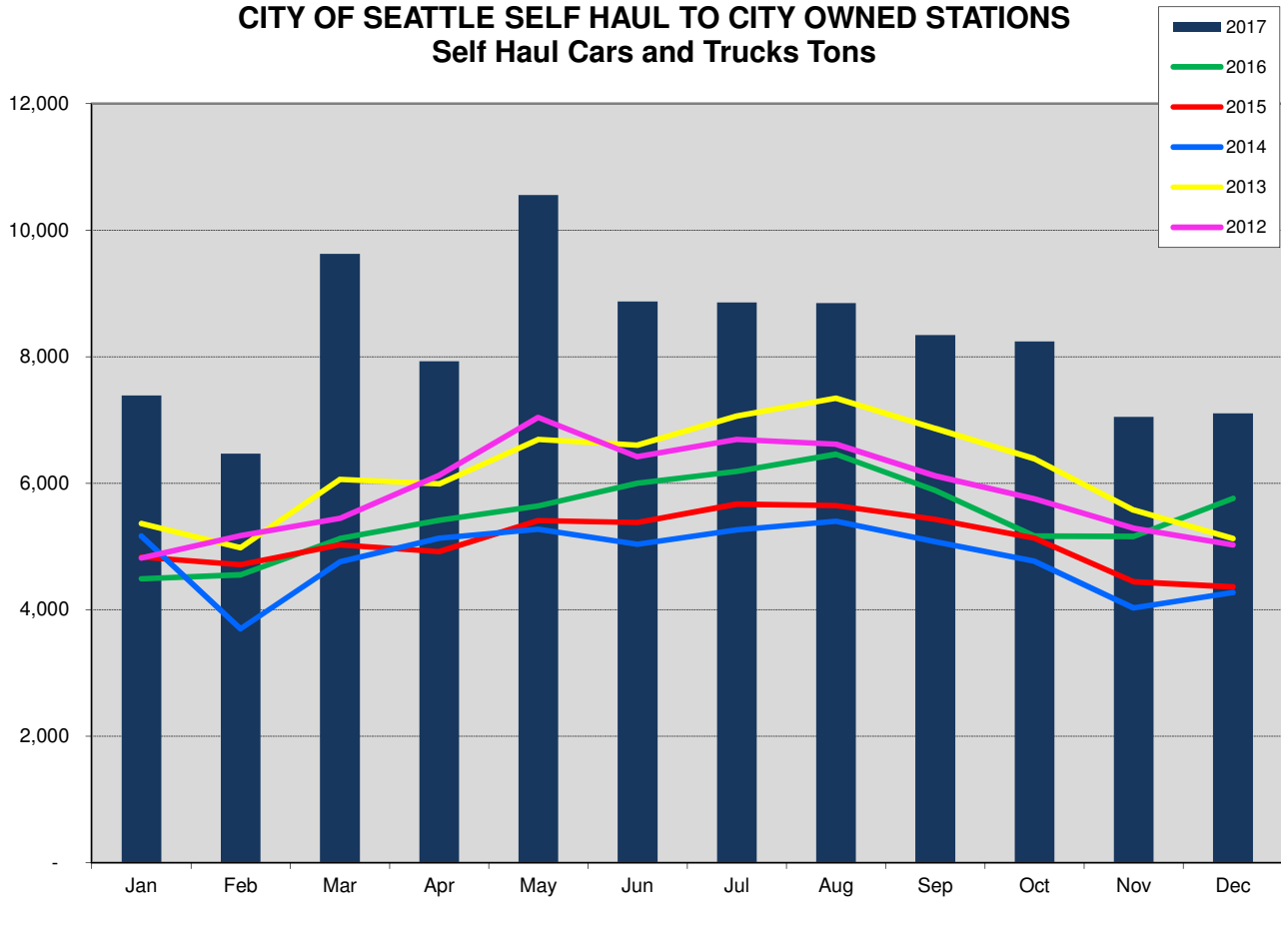
Micro (12 gal)	\$22.85
Mini (19 gal)	\$28.00
One Can (32 gal)	\$36.45
Two Cans (64 gal)	\$72.90
Three Cans (96 gal)	\$109.35
Extra Garbage	\$11.35

Residential Dumpster Service

Most Common Monthly Rate*
\$230.14

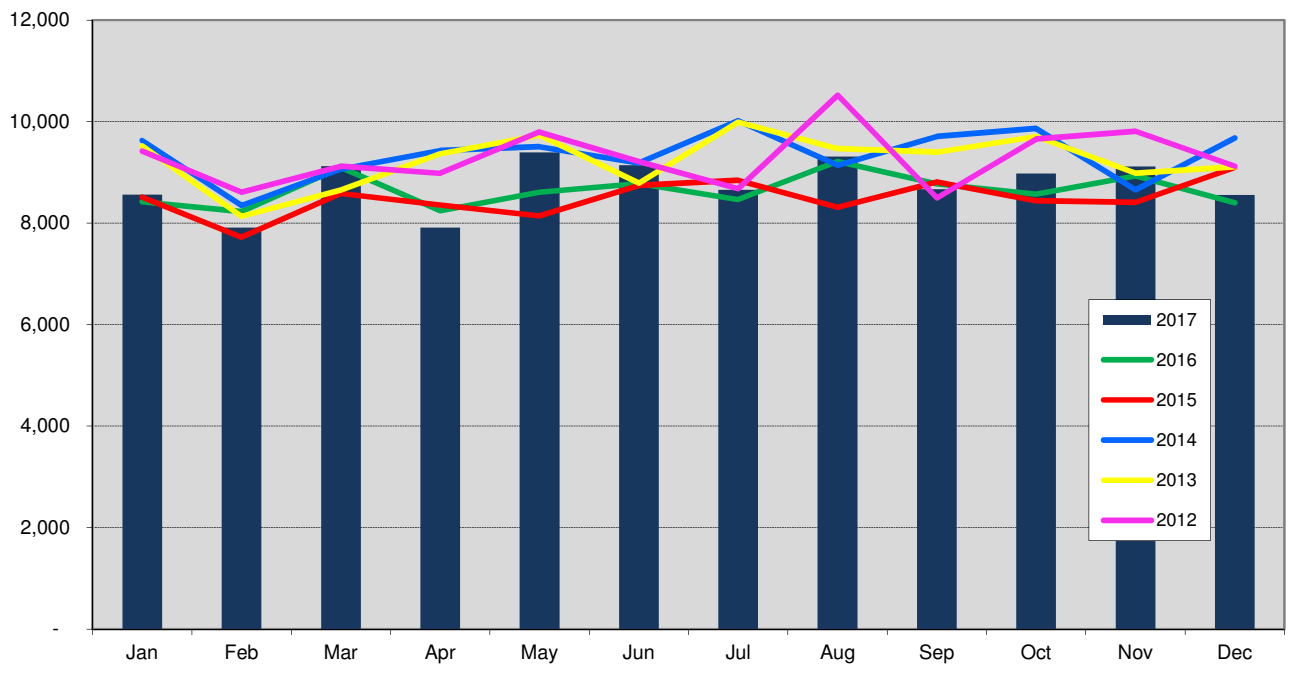
*This is the rate for a one cubic yard un-compacted container picked up once per week. Residential dumpster service rates vary based on the number and size of containers and the number of pickups per week.

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

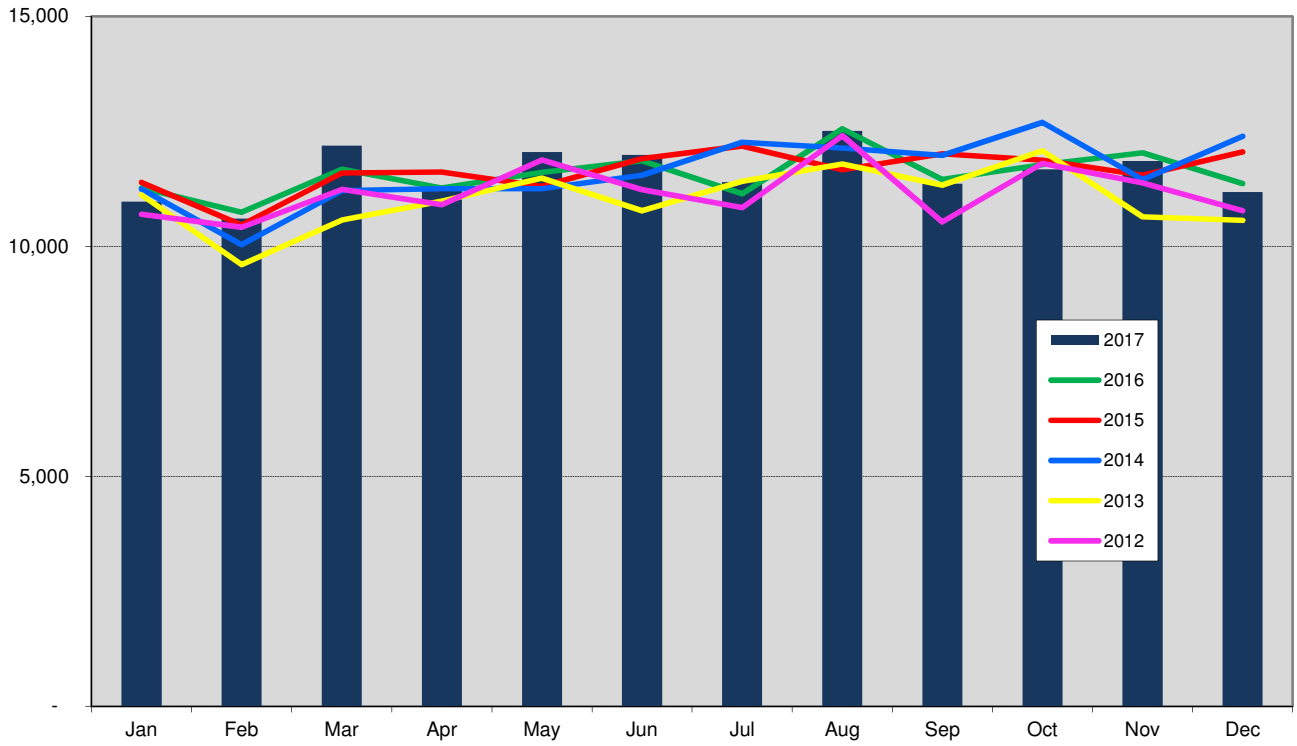


The North Transfer Station was closed from January 2014 - November 2016 for a rebuild.

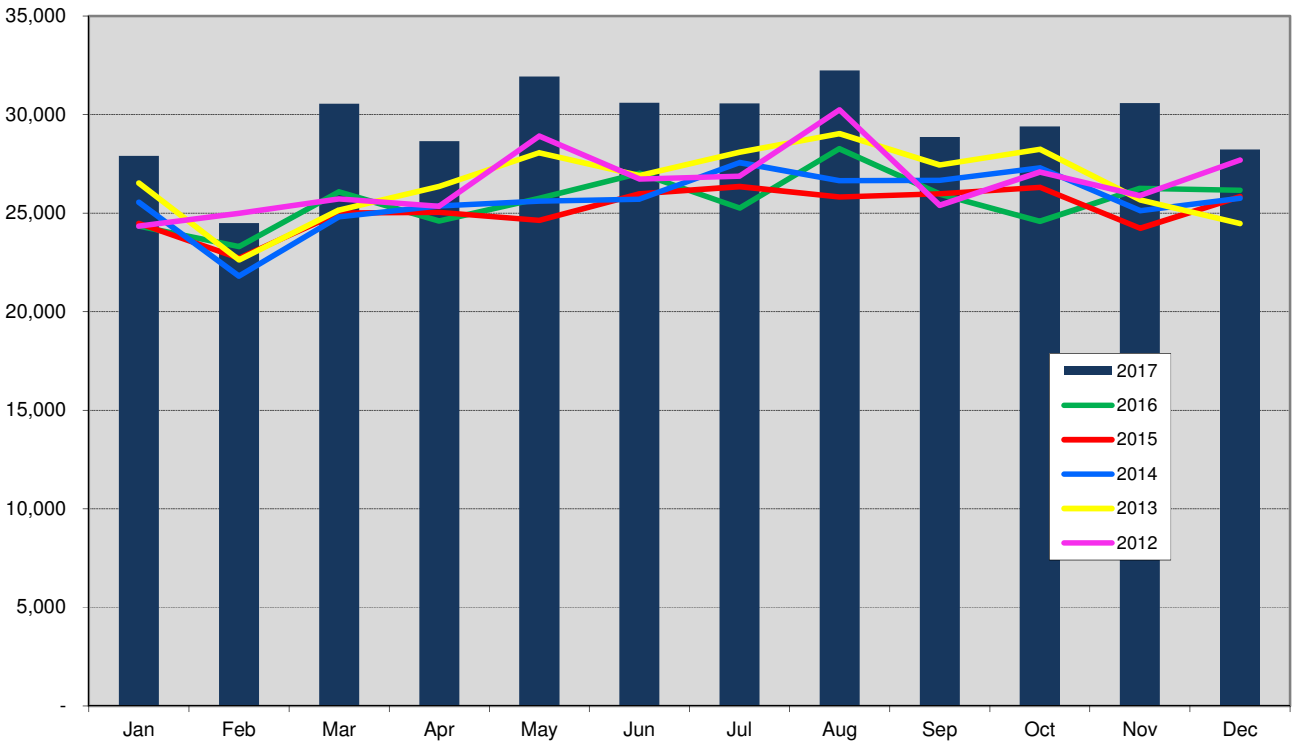
CITY OF SEATTLE RESIDENTIAL COLLECTION Total City Tons



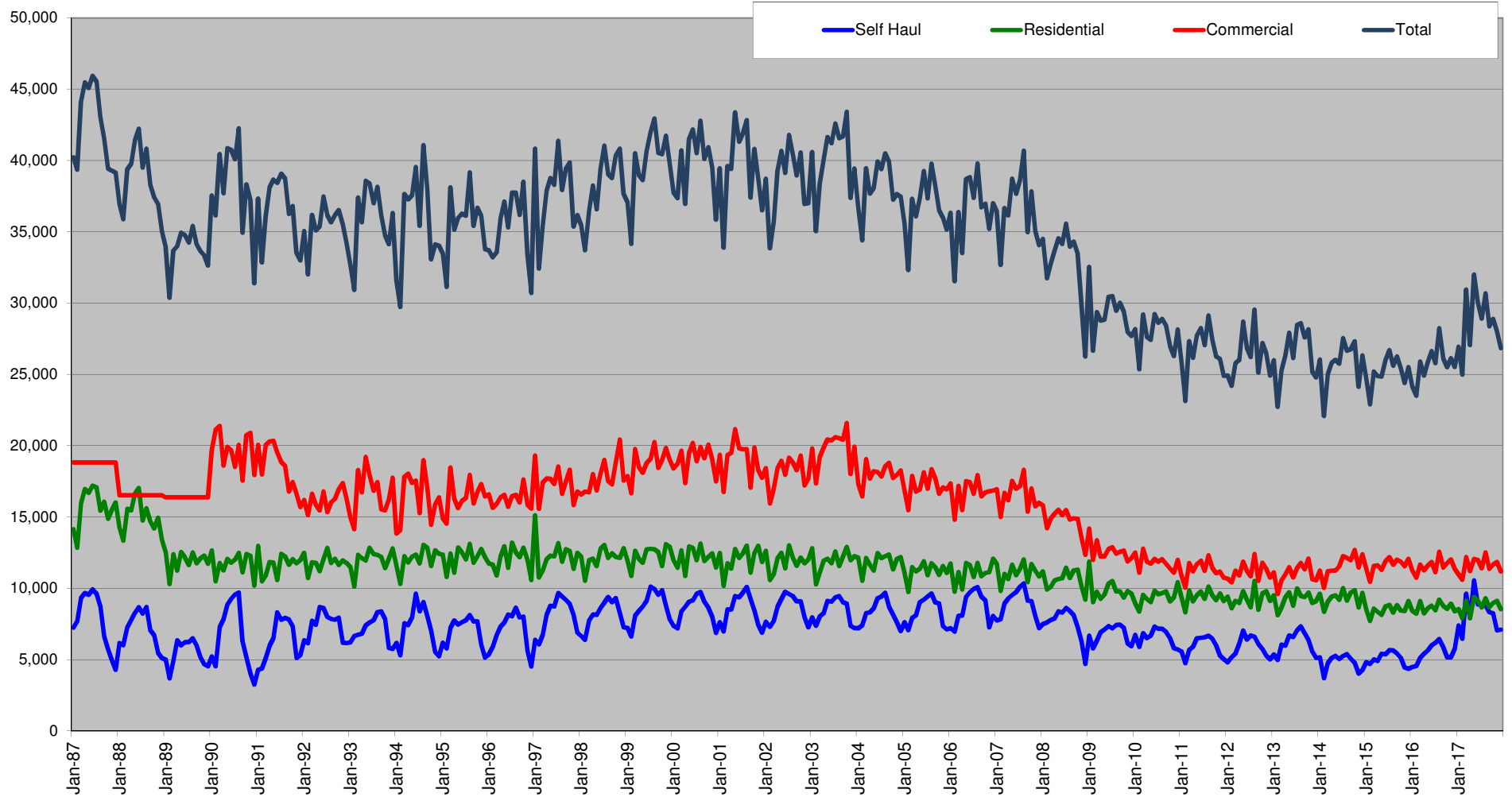
CITY OF SEATTLE Commercial Garbage Total Tons Collected



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

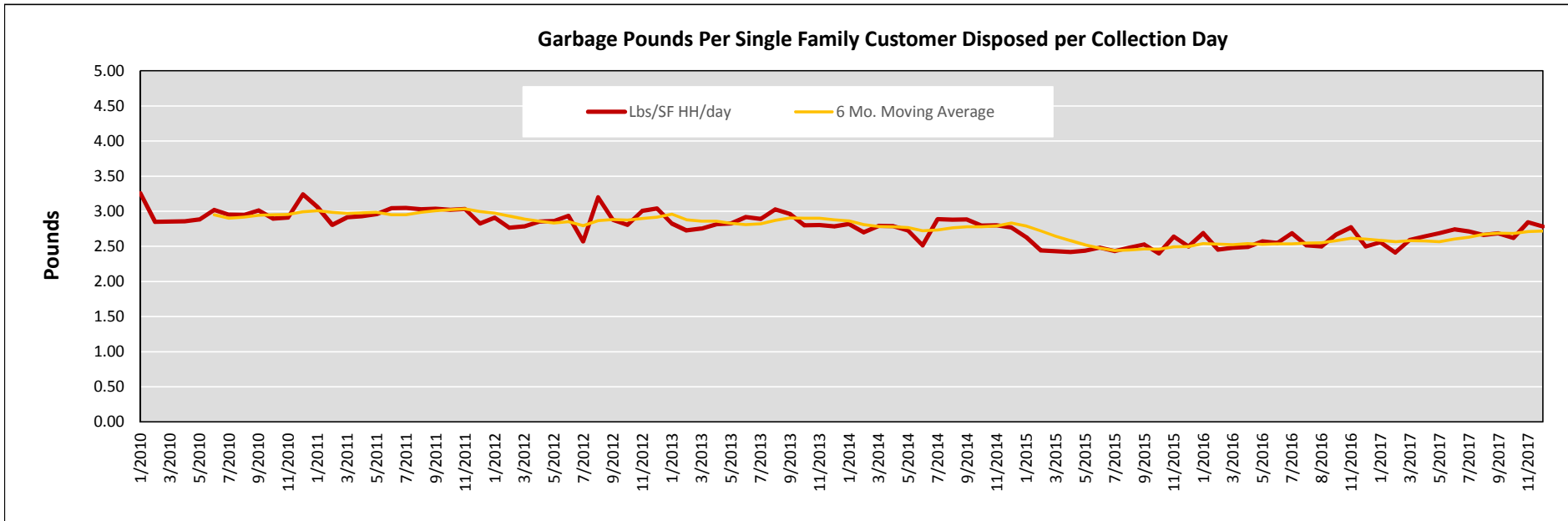


City of Seattle Garbage Disposal



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

Effects of the 2015 ban on organics in the garbage container.



Notes:

- April 2009 Organics collection changes from biweekly to weekly collection and is mandatory for single family customers
- September 2011 Organics service is mandatory for multi family customers
- January 2015 Organics are banned from the garbage for all customers