

ORGANICS REPORT

4th Quarter 2017

(Formerly Known as Yard Waste Report)

Seattle Public Utilities, Economic Services Section

Report Date: February 6, 2018

Phone: (206) 684-4143

Tonnage Breakdown

Self Haul¹

Q4 Self Haul Cars & Trucks:	1,535 Tons	77.0%	increase vs. same period in 2016
2017 Cumulative Self Haul:	6,127 Tons	41.4%	increase vs. same period in 2016

Residential

Q4 Single Family:	24,175 Tons	NA	
2017 Cumulative Single Family:	86,839 Tons	NA	
Q4 Multi Family:	1,064 Tons	NA	
2017 Cumulative Multi Family:	3,950 Tons	NA	
Q4 Total Residential:	25,239 Tons	6.2%	increase vs. same period in 2016
2017 Cumulative Total Residential:	90,789 Tons	1.2%	decrease vs. same period in 2016

Commercial

(contract and non contract tons)

Q4 Commercial:	21,224 Tons	22.0%	increase vs. same period in 2016
2017 Cumulative Commercial:	80,397 Tons	21.6%	increase vs. same period in 2016

Organics Subscription Information by Premises² Type

Residential customers can request Exempt service if they do backyard food waste composting. "Curb" service is the same as can premise service; the customer moves the can out to the curb for collection. "On Site" service does not require the customer to move their container(s) out to the curb, similar to dumpster service. "Liner" service means a new biodegradable liner is provided after each collection.

Residential Single Family Premises by Subscription Type

December 2017	13 gal	32 gal	90 gal	Total Signed Up	Exempt
Single Family Premises	33,798	22,659	91,730	147,458	4,230
%	23%	15%	62%	98%	3%

Residential Multi Family Premises by Subscription Type

December 2017	Curb No Liner	Curb Liner	Onsite Liner	Total Signed Up	Exempt
Multifamily Premises	1,994	3,283	1,266	6,432	31
%	31%	51%	20%	90%	0.4%

1 North Recycle & Disposal Station closed on Jan 20, 2014 and re-opened on 11/28/2016 for a rebuild.

2 A premise is roughly equal to a building in our billing system. An apartment building is typically equal to one premise.

Basics of Residential Organics Program

Service: Beginning April 2009, collection frequency increased from bi-weekly to weekly pickup. All single family customers are required to sign up for organics service or request an exemption if they have backyard food waste composting. As of September 2011 multifamily and multiplex customers are also required to sign up for organics service. Multifamily customers can sign up for residential can/cart curb service or onsite can/cart service. (Curb service requires the customer to bring their container to the curb; onsite service does not require the customer to move their container.) Liner service, which includes a biodegradable plastic liner placed in the can or cart after each collection, is also available to multifamily customers.

MATERIALS: Leaves, grass clippings, prunings 4 inches or less in diameter. Starting in April 2009, all food waste and food soiled paper are allowed in the cart. **As of January 1, 2015, Organics, including food waste, compostable paper, and yard waste are not allowed in the curbside garbage container.**

Fees: Monthly Variable Can/Cart Prices: 13 gal = \$6.05, 32 gal = \$9.10, 96 gal = \$11.65, Extra Bundle = \$5.80

Basics of Self Haul Program

SERVICE: Two city owned recycle and disposal stations accept organics during regular operating hours. Yard waste must be separated and cannot be disposed of as garbage.

FEES: **Cars:** \$20.00 per trip (compared to \$30.00 per trip for garbage).
Trucks: \$110.00 per ton (compared to \$145.00 per ton for garbage).

Basics of Commercial Program

SERVICE: Seattle has contracts with Waste Management and Recology/Cleanscapes for garbage and organics service. Customers can sign up with their contract garbage hauler for organics service. In addition, Seattle commercial customers can choose organics service through a hauler outside of the city contracts. This is referred to as “non-contract” organics service.

MATERIALS: All food scraps (including meat, fish, dairy and produce), food soiled paper, waxed cardboard, and yard debris. **Beginning January 1, 2015 all organics materials are not allowed in the garbage.**

FEES: Approximately 32% below garbage prices. (Non-contract prices vary.)

CITY OF SEATTLE ORGANICS PROGRAM

		TONNAGE DATA										ACCOUNT SIGN-UP DATA					
		SELF HAUL			RESIDENTIAL					COMMERCIAL ³			RESIDENTIAL		COMMERCIAL		
Year	Month	North	South	Total	Waste Management	Recology/Cleanscapes	Single Family	Multi Family	Total Residential	Contract	Non Contract	Total	Accounts ⁵	Lbs/Acct	Contract	Non Contract	Total
2016	1		211	211	2,959	2,316			5,274	310	4,845	5,155	149,835	70	1,912	2,405	4,317
2016	2		238	238	2,902	2,298			5,200	287	4,829	5,116	149,853	69	1,921	2,404	4,325
2016	3		350	350	4,393	3,323			7,716	317	4,822	5,139	149,992	103	1,949	2,411	4,360
2016	4		470	470	5,699	3,922			9,621	315	5,132	5,447	150,161	128	1,935	2,438	4,373
2016	5		511	511	5,770	4,033			9,804	395	5,133	5,528	150,351	130	1,954	2,434	4,388
2016	6		469	469	5,026	3,678			8,704	336	5,115	5,451	150,524	116	1,938	2,437	4,375
2016	7		541	541	4,361	3,149			7,510	327	5,254	5,581	150,624	100	1,944	2,453	4,397
2016	8		367	367	4,234	2,992			7,226	388	5,265	5,653	150,748	96	1,951	2,450	4,401
2016	9		368	368	4,123	2,936			7,059	350	5,233	5,583	150,864	94	1,947	2,454	4,401
2016	10		303	303	4,401	3,318			7,719	388	5,347	5,735	151,395	102	1,956	2,459	4,415
2016	11	2	336	338	5,650	4,790			10,439	348	5,394	5,742	151,574	138	1,963	2,455	4,418
2016	12	59	168	227	3,085	2,515			5,600	389	5,364	5,753	151,766	74	1,951	2,465	4,416
2017	1	54	216	270	2,705	2,160	4,577	287	4,864	486	5,790	6,276	151,966	64	1,959	2,425	4,384
2017	2	85	225	310	2,418	1,934	4,110	242	4,352	411	5,717	6,128	152,098	57	1,973	2,418	4,391
2017	3	103	303	406	3,368	2,611	5,688	292	5,980	562	5,808	6,370	152,382	78	1,968	2,421	4,389
2017	4	165	416	581	4,838	3,365	7,859	345	8,203	501	6,123	6,625	152,578	108	1,979	2,455	4,434
2017	5	187	426	613	7,074	4,712	11,361	425	11,786	558	6,182	6,739	152,782	154	1,979	2,458	4,437
2017	6	208	476	684	5,918	4,033	9,578	373	9,951	487	6,186	6,672	152,984	130	1,988	2,466	4,454
2017	7	194	446	640	4,430	3,036	7,135	330	7,466	508	6,248	6,756	153,166	97	1,963	2,498	4,461
2017	8	152	368	520	3,894	2,830	6,414	311	6,725	573	6,220	6,793	153,351	88	1,959	2,496	4,455
2017	9	179	390	569	3,583	2,640	5,941	282	6,222	582	6,232	6,814	153,522	81	1,954	2,503	4,457
2017	10	168	431	599	4,205	3,246	7,120	331	7,451	399	6,699	7,097	153,578	97	1,954	2,482	4,436
2017	11	217	335	552	6,042	5,196	10,818	419	11,237	390	6,672	7,062	153,734	146	1,965	2,481	4,446
2017	12	130	254	385	3,551	3,000	6,238	313	6,551	365	6,699	7,065	153,890	85	1,956	2,479	4,435
Total 2017		1,842	4,285	6,127	52,025	38,764	86,839	3,950	90,789	5,821	74,576	80,397	2017 Avg	99		2017 Avg	4,432
Total 2016		61	4,333	4,394	52,604	39,269	91,874		91,874	4,151	61,732	65,883	2016 Avg	102		2016 Avg	4,382
Total 2015 ⁵			4,167	4,167	51,013	38,200	89,213		89,213	3,240	55,207	58,447	2015 Avg	100		2015 Avg	4,124
Total 2014 ⁴		100	4,099	4,199	47,276	35,312	82,588		82,588	1,875	48,237	50,111	2014 Avg	93		2014 Avg	2,625
Total 2013		3,219	3,071	6,290	46,960	35,430	82,390		82,390	2,101	43,980	46,081	2013 Avg	94		2013 Avg	2,457
Total 2012		3,245	3,348	6,593	47,599	36,067	83,666		83,666	1,977	40,637	42,614	2012 Avg	97		2012 Avg	2,242
Total 2011		3,449	3,345	6,794	45,777	34,036	79,813		79,813	2,686	38,101	40,787	2011 Avg	94		2011 Avg	2,047
Total 2010		3,715	3,966	7,682	46,564	33,388	79,952		79,952	2,113	35,139	37,252	2010 Avg	95		2010 Avg	1,648
Total 2009 ²		4,775	5,374	10,149	42,648	31,582	74,230		74,230	1,763	29,961	31,724	2009 Avg	90		2009 Avg	1,243
Total 2008		5,530	6,363	12,667	28,348	28,016	56,364		56,364	2,260	24,902	27,162	2008 Avg	87		2008 Avg	930
Total 2007		6,731	7,516	14,247	27,447	27,126	54,573		54,573	5,023	9,748	14,771	2007 Avg	87			
Total 2006:		6,953	7,323	14,276	26,125	25,414	51,539		51,539	7,123	280	7,403	2006 Avg	85			
Total 2005:		6,598	7,328	13,925	22,009	20,595	42,603		42,603				2005 Avg	74			
Total 2004:		7,729	7,177	14,905	19,670	18,815	38,485		38,485				2004 Avg	69			
Total 2003:		7,559	6,597	14,156	17,094	16,830	33,923		33,923				2003 Avg	62			
Total 2002:		7,844	6,522	14,366	17,086	17,417	34,503		34,503				2002 Avg	70			
Total 2001:		8,279	6,755	15,034	18,412	18,578	36,990		36,990				2001 Avg	NA			
Total 2000:		8,280	5,752	14,031	18,240	15,797	34,037		34,037				2000 Avg	66			
Total 1999:		8,186	5,506	13,692	28,080	11,657	39,737		39,737				1999 Avg	78			
Total 1998:		8,122	4,912	13,034	28,286	12,260	40,546		40,546				1998 Avg	79			
Total 1997:		8,574	5,563	14,137	30,017	13,113	43,130		43,130				1997 Avg	84			
Total 1996:		7,341	4,186	11,527	27,491	11,842	39,333		39,333				1996 Avg	76			
Total 1995:		7,567	4,596	12,163	29,122	11,622	40,745		40,745				1995 Avg	75			
Total 1994:		7,045	4,952	11,997	26,099	10,974	37,073		37,073				1994 Avg	72			
Total 1993 ¹ :		8,019	5,423	13,442	30,113	12,582	42,695		42,695				1993 Avg	78			
Total 1992:		6,430	5,124	11,553	24,547	10,243	34,790		34,790				1992 Avg	61			
Total 1991:		8,814	5,908	14,722	28,103	11,100	39,203		39,203								
Total 1990:		7,339	5,625	12,964	25,936	10,845	36,780		36,780								
Total 1989:		6,495	4,753	11,249	22,812	8,845	31,657		31,657								

1. Note that the fairly large increase in tonnage from 1992 to 1993 is due to two factors:

- a) 1992 tonnage was the lowest since 1989 due to the drought and lawn watering ban which extended from June 1 - November 2, 1992.
- b) 1993 tonnage was high due to abundant precipitation in the spring and summer months.

2. Some commercial curbside can/cart organics are included in residential curbside tons. New 10-yr contracts began 3/30/2009. RCS (Recology/Cleanscapes) and WM (Waste Management) are the contracted haulers.

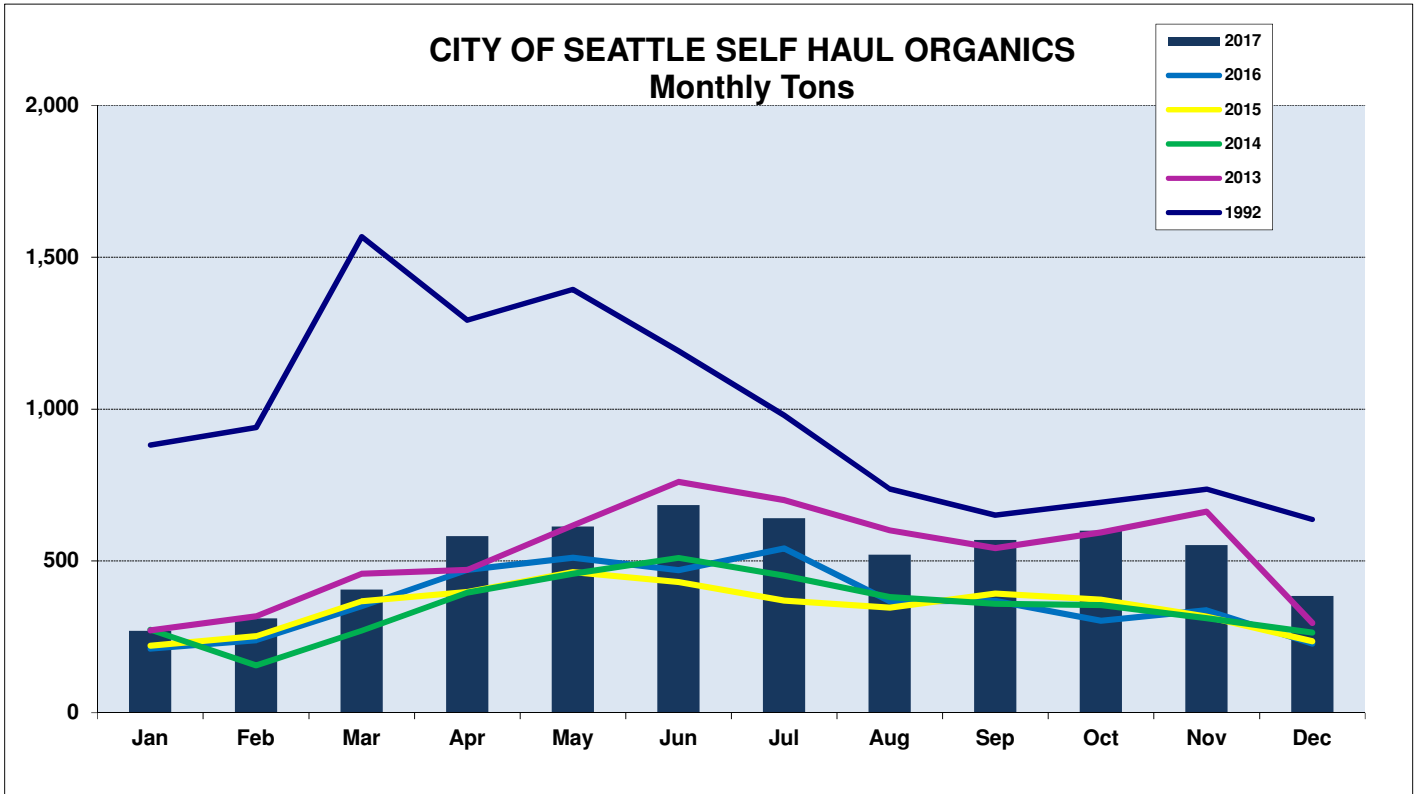
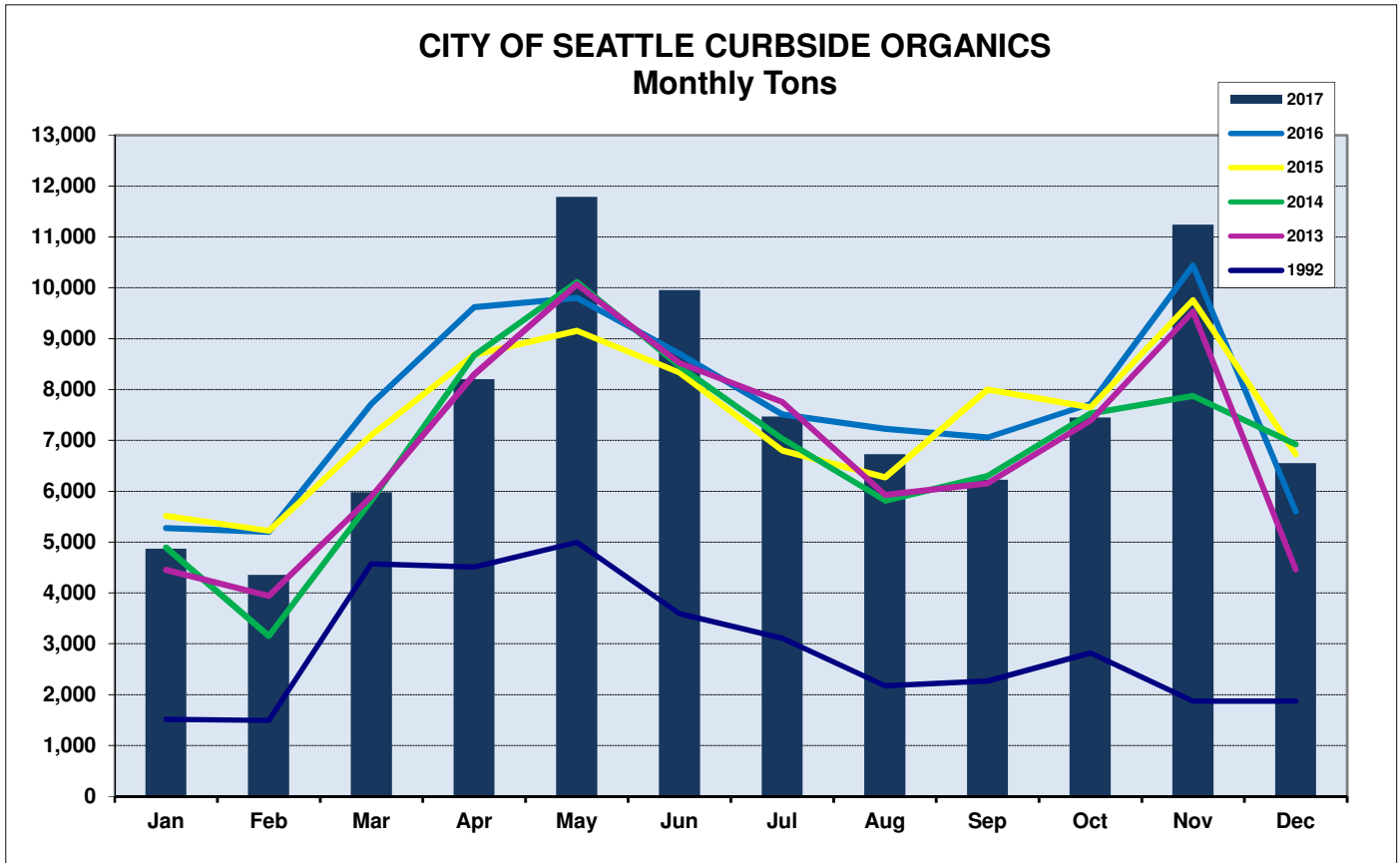
3. This table does not include some commercial non-compost food waste collection such as fats, oils and grease. This additional food waste is captured in our annual recycle survey and in our calculation of Seattle's overall recycling rate.

4. Beginning Feb 2014 cars are weighed. Prior to this, car weights were calculated at 258lbs/car based on composition study results.

North Recycle & Disposal Station closed on Jan 20, 2014 and re-opened Nov 28, 2016 after a rebuild.

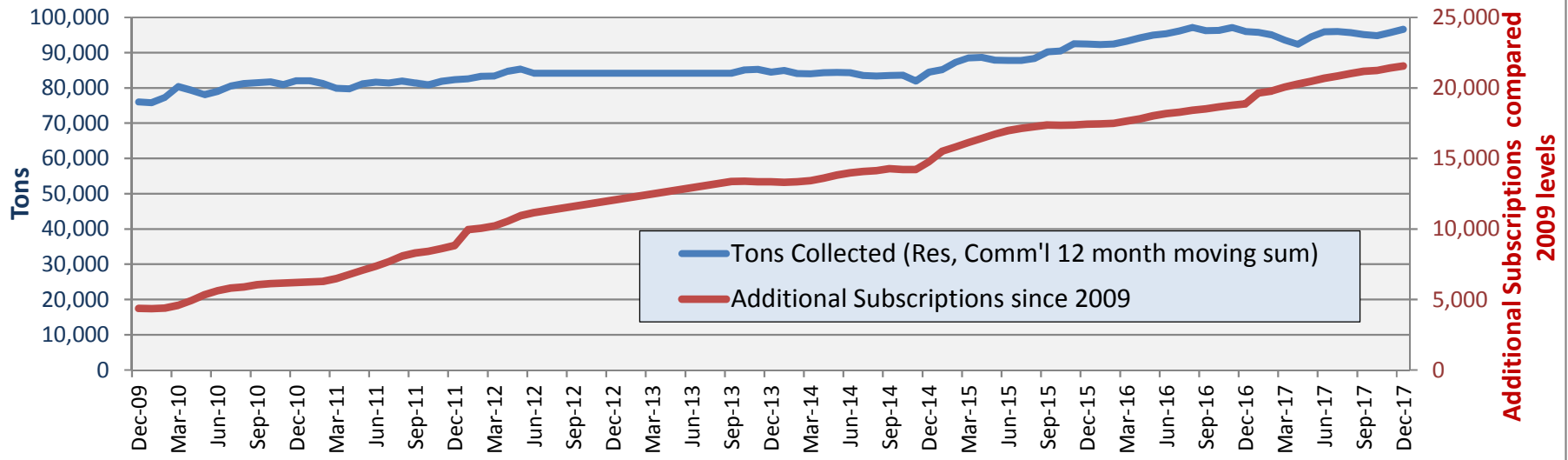
5. Jan 2015: Organics, including food waste, compostable paper and yard waste are not allowed in the curbside garbage container.

6. October 2016: 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.



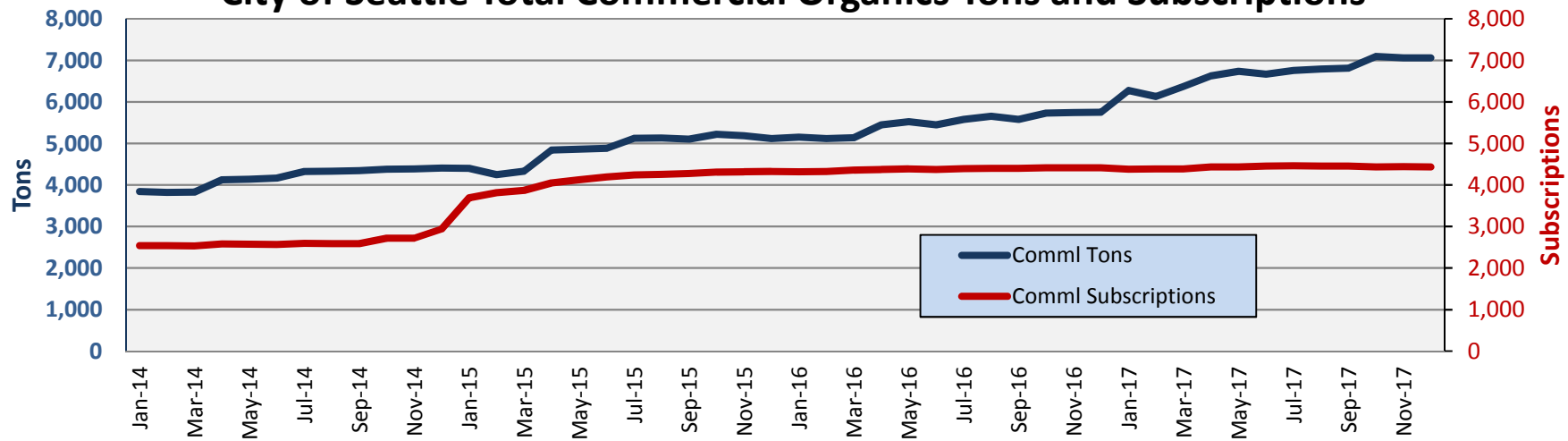
The North Transfer Station closed on Jan 20, 2014 and re-opened on Nov 28, 2016 after rebuild.

CITY OF SEATTLE TOTAL CONTRACTED ORGANICS TONS COLLECTED COMPARED TO ADDITIONAL SUBSCRIPTION LEVELS SINCE 2009 ¹



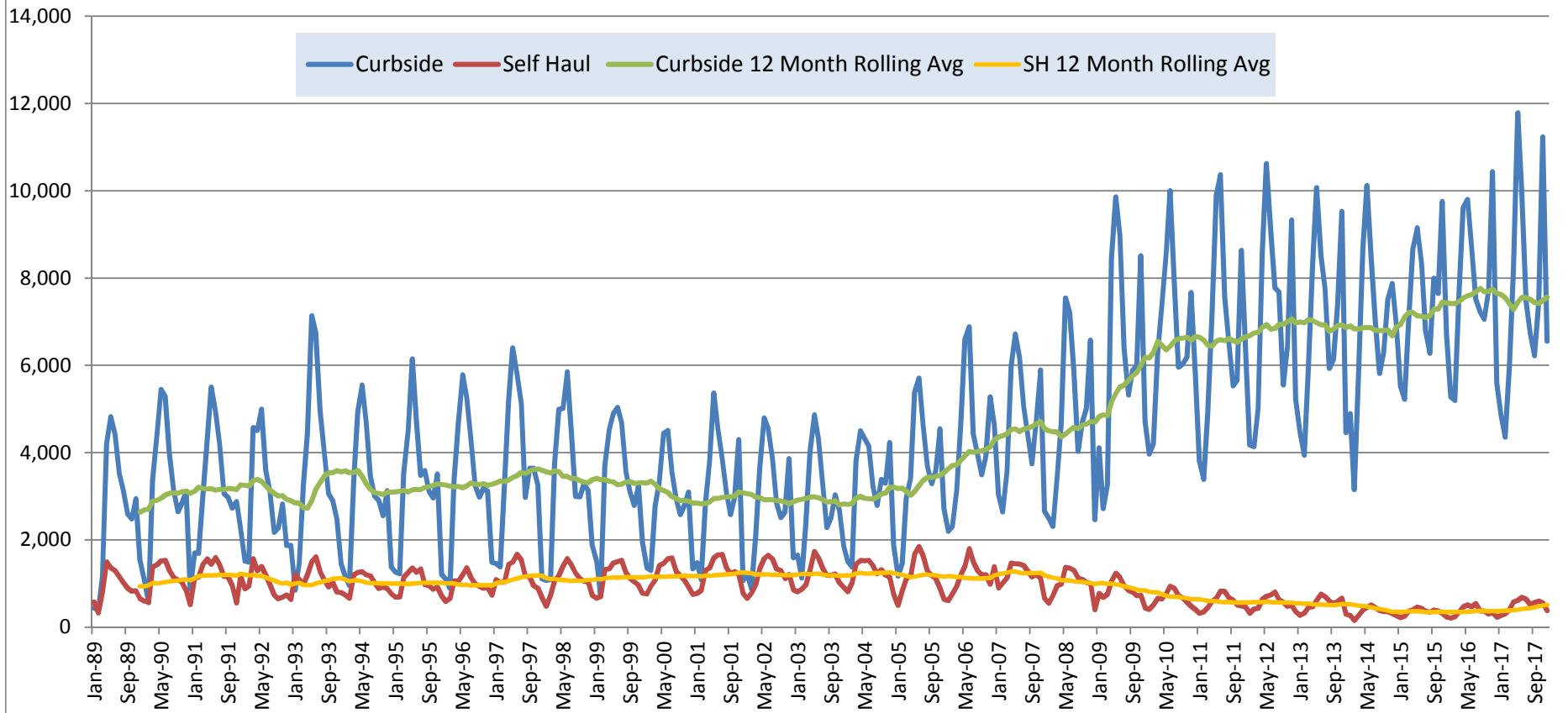
1. In April 2009 subscription to organics service became mandatory for single family residents. In September 2011 mandatory subscription to organics service expanded to multi-family customers. January 2015 all organics (residential and commercial) are not allowed in the garbage.
2. Drier and warmer than average weather since 2013 contributed to a drop in Organics tonnage. (see weather charts for more details)

City of Seattle Total Commercial Organics Tons and Subscriptions



Most non contract portion of commercial tons and subscriptions are reported quarterly.

CITY OF SEATTLE RESIDENTIAL CURBSIDE AND SELF HAUL ORGANICS TONS



The North Transfer Station closed on Jan 20, 2014 and re-opened on 11/28/2016 for a rebuild.

Weather Impacts on Organics Tonnage

