(Formerly Known as Yard Waste Report)

Seattle Public Utilities, Economic Services Section

Report Date: January 30, 2014 Phone: (206) 684-4143

Tonnage Breakdown

Q4 2013: 1,552 Tons 16.6% increase vs. same period in 2012 Cumulative YTD Self Haul: 6,290 Tons 4.6% decrease vs. same period in 2012

Residential

(single family and multi family)

Q4 2013: 21,372 Tons 1.9% increase vs. same period in 2012 Cumulative YTD Curbside: 82,390 Tons 1.5% decrease vs. same period in 2012

Commercial

(contract and non contract tons)

Q4 2013: 12,318 Tons 9.1% increase vs. same period in 2012 Cumulative YTD Commercial: 46,081 Tons 8.1% increase vs. same period in 2012

Organics Subscription Information by Premises¹ Type

Can premises customers are those that receive can garbage service. Can customers can request Exempt service if they do backyard food waste composting. Dumpster premises customers are subscribed to dumpster garbage service. "Curb" service is the same as can premise service, the customers 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 liner is provided after each collection.

Can Premises by Subscription Type

Dec-13	13 gal	32 gal	90 gal	Curb Liner	Onsite Liner	Total Signed Up	Exempt	Not Signed Up
Can Premises	31,956	14,648	95,308	312	49	141,767	6,183	111
%	22%	10%	64%	0.21%	0.03%	96%	4%	0.1%

Dumpster Premises by Subscription Type

Dec-13	Curb No Liner	Curb Liner	Onsite Liner	Total Signed Up	Exempt	Not Signed Up
Multifamily Dumpster	1,826	2,395	891	5,003	134	80
%	35%	46%	17%	96%	3%	2%

¹A 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. It is illegal to put leaves, grass

clippings and prunings in the curbside garbage can.

Fees: Monthly Variable Can/Cart Prices: 13 gal = \$4.95, 32 gal = \$7.45, 96 gal = \$9.50

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: \$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 Cleanscapes for garbage and

organics service. Customers can sign up with their contract garbage hauler for curb can/cart organics service. If they want on-site cart or dumpster service, they can use Cleanscapes which has a contract with Seattle for this service². 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.

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

²"Curb service" requires the customer to bring their container to the curb. "On-site service" does not require the customer to move their container for collection.

CITY OF SEATTLE ORGANICS PROGRAM

		TONNAGE DATA								ACCOUNT SIGN-UP DATA						
			SELF HAUL CURBSIDE ³ COMMERCIAL ⁴					RESIDENTIAL COMMERCIAL								
Year	Month	North	South	Total ¹	WM	USD	CS	Total	Contract	Non Contract	Total	Accounts	Lbs/Acct	Contract N	onContract	Total
2012	1	163	158	321	2,290		1,887	4,177	161	3,234	3,396	143,514	58	739	1,453	2,192
2012	2	172	247	419	2,295		1,846	4,141	133	3,234	3,367	143,595	58	748	1,453	2,201
2012	3	194	237	431	2,846		2,176	5,022	152	3,234	3,386	143,738	70	754	1,453	2,207
2012	4	288	353	641	5,047		3,554	8,601	153	3,273	3,426	144,075	119	760 775	1,433	2,193
2012 2012	5 6	321	386 390	707 739	6,339		4,286	10,625	175 217	3,273	3,449	144,456 144,674	147 126	775 779	1,433	2,208
2012	7	348 413	393	806	5,390 4,224		3,732 3,551	9,121 7,775	139	3,273 3,453	3,491 3,592	144,074	108	802	1,433 1,457	2,212 2,259
2012	8	311	316	627	4,743		2,930	7,773	149	3,453	3,602	144,323	106	803	1,457	2,260
2012	9	303	268	571	3,215		2,333	5,548	159	3,453	3,613	144,550	77	807	1,457	2,264
2012	10	248	231	479	3,606		2,812	6,419	177	3,585	3,762	145,167	88	811	1,482	2,293
2012	11	278	220	497	4,862		4,470	9,332	194	3,585	3,779	145,157	129	827	1,482	2,309
2012	12	208	147	355	2,741		2,491	5,231	167	3,585	3,751	145,905	72	828	1,482	2,310
2013	1	150	121	271	2,419		2,035	4,454	175	3,368	3,543	145,857	61	834	1,531	2,365
2013	2	162	155	317	2,188		1,754	3,942	156	3,368	3,524	145,929	54	834	1,531	2,365
2013	3	218	240	458	3,373		2,522	5,895	154	3,368	3,522	146,037	81	840	1,531	2,371
2013	4	264	206	471	4,912		3,382	8,294	168	3,565	3,733	146,209	113	852	1,557	2,409
2013	5	329	289	618	5,937		4,131	10,068	179	3,565	3,744	146,396	138	876	1,557	2,433
2013	6	360	401	761	5,056		3,468	8,523	178	3,565	3,744	146,548	116	876	1,557	2,433
2013	7	328	372	700	4,542		3,216	7,757	189	3,785	3,975	146,623	106	878	1,624	2,502
2013	8	307	293	600	3,405		2,524	5,929	193	3,785	3,979	146,681	81	876	1,624	2,500
2013 2013	9 10	270 304	272 290	542 594	3,543 4,167		2,613 3,218	6,157 7,384	214 184	3,785 3,941	4,000 4,125	146,768 146,803	84 101	883 870	1,624 1,662	2,507 2,532
2013	11	367	290 295	662	5,040		4,490	9,531	164	3,941	4,125	146,758	130	870	1,662	2,532
2013	12	160	136	296	2,379		2,078	4,457	146	3,941	4,100	146,730	61	876	1,662	2,538
Total 2		3,219	3,071	6,290	46,960		35,430	82,390	2,101	43,980		2013 Avg	94	0,0	2013 Avg	2,457
Total 2		3,245	3,348	6,593	47,599		36,067	83,666	1,977	40,637	,	2012 Avg	97		2012 Avg	2,242
Total 2		3,449	3,345	6,794	45,777		34,036	79,813	2,686	38,101		2011 Avg	94		2011 Avg	2,047
Total 2	2010	3,715	3,966	7,682	46,564		33,388	79,952	2,113	35,139	37,252	2010 Avg	95		2010 Avg	1,648
Total 2	2009	4,775	5,374	10,149	42,648	4,455	27,127	74,230	1,763	29,961	31,724	2009 Avg	90		2009 Avg	1,243
Total 2		5,530	6,363	12,667	28,348	28,016		56,364	2,260	24,902		2008 Avg	87		2008 Avg	930
Total 2		6,731	7,516	14,247	27,447	27,126		54,573	5,023	9,748		2007 Avg	87			
Total 2		6,953	7,323	14,276	26,125	25,414		51,539	7,123	280	7,403	2006 Avg	85			
Total 2		6,598	7,328	13,925	22,009	20,595		42,603				2005 Avg	74			
Total 2		7,729	7,177	14,905	19,670	18,815		38,485 33,923				2004 Avg	69 62			
Total 2		7,559 7,844	6,597 6,522	14,156 14,366	17,094 17,086	16,830 17,417		33,923				2003 Avg 2002 Avg	62 70			
Total 2		8,279	6,755	15,034	18,412	18,578		36,990				2002 Avg 2001 Avg	NA			
Total 2		8,280	5,752	14,031	18,240	15,797		34,037				2001 Avg	66			
Total 1		8,186	5,506	13,692	28,080	11,657		39,737				1999 Avg	78			
Total 1		8,122	4,912	13,034	28,286	12,260		40,546				1998 Avg	79			
Total 1		8,574	5,563	14,137	30,017	13,113		43,130				1997 Avg	84			
Total 1		7,341	4,186	11,527	27,491	11,842		39,333				1996 Avg	76			
Total 1	995:	7,567	4,596	12,163	29,122	11,622		40,745				1995 Avg	75			
Total 1	_	7,045	4,952	11,997	26,099	10,974		37,073				1994 Avg	72			
Total 1		8,019	5,423	13,442	30,113	12,582		42,695				1993 Avg	78			
Total 1		6,430	5,124	11,553	24,547	10,243		34,790				1992 Avg	61			
Total 1		8,814	5,908	14,722	28,103	11,100		39,203								
Total 1		7,339	5,625	12,964	25,936	10,845		36,780								
Total 1		6,495	4,753	11,249	22,812	8,845		31,657								

¹⁾ Self haul includes cars and trucks. Cars are not weighed at the stations so car tons are estimated based on periodic sampling surveys.

The average weight of cars bringing yard waste is 258 pounds per car based on sampling conducted in 1995.

²⁾ 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.

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

⁴⁾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. Some Non Contract tons are reported quarterly.

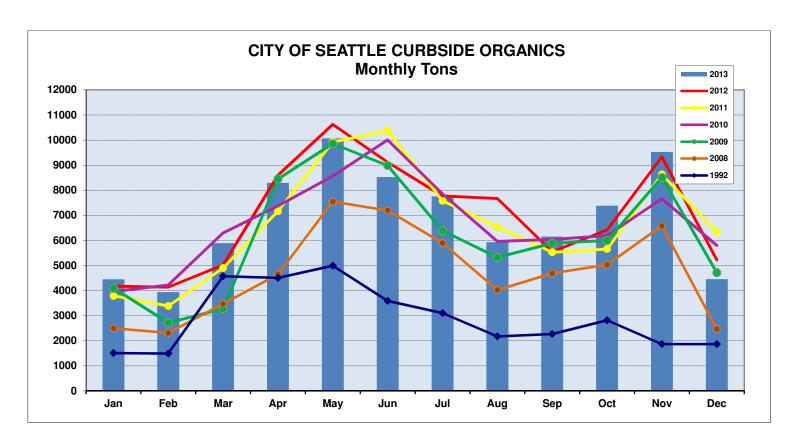
City of Seattle Organics Customers by Customer Category

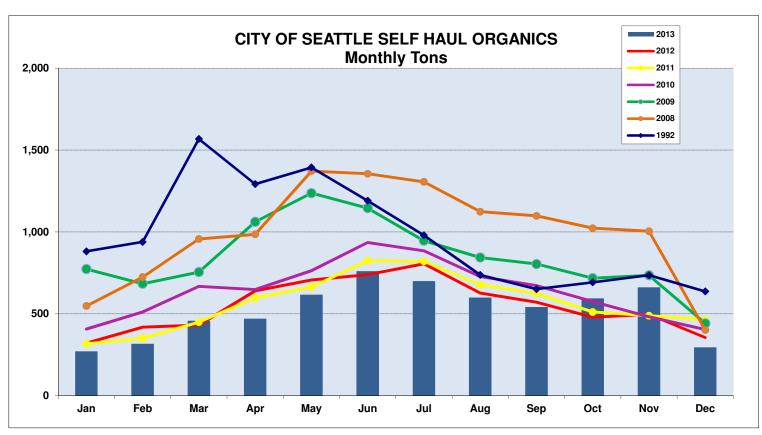
	Total Premises ¹		# of Premise Subscribers		Subscripti	Can Prems - % Organics Subscriptions by Type							Dumpster Prems - % Organics Subscriptions by Type					
Date	Can Garb Prems ²	Dumpster Garb Prems ³		Multifamily Dumpster Prems	Total Can Prem Sign Ups P	Total Dumpster rem Sign Ups	13 Gal	32 Gal	90 Gal	Curb Liner	Onsite Liner	Exempt	Not Signed Up	Curb No Liner	Curb Liner	On Site Liner	Exempt	Not Signed Up
Jan-12	147,070	5,236	138,643	4,871	94.3%	93.0%	21.1%	7.8%	65.5%	0.1%	0.02%	4.5%	1.2%	40.5%	39.8%	15.1%	2.3%	4.7%
Feb-12	147,098	5,231	138,721	4,874	94.3%	93.2%	21.2%	7.9%	65.4%	0.1%	0.02%	4.5%	1.2%	40.4%	39.9%	15.2%	2.3%	4.5%
Mar-12	147,242	5,225	138,865	4,873	94.3%	93.3%	21.3%	8.0%	65.2%	0.1%	0.02%	4.5%	1.2%	40.3%	40.1%	15.3%	2.3%	4.5%
Apr-12	147,344	5,220	139,135	4,940	94.4%	94.6%	21.3%	8.1%	65.2%	0.1%	0.02%	4.5%	1.1%	40.1%	41.4%	15.5%	2.2%	3.1%
May-12	147,522	5,213	139,518	4,938	94.6%	94.7%	21.2%	8.2%	65.3%	0.1%	0.02%	4.5%	1.0%	39.9%	41.6%	15.5%	2.3%	3.0%
Jun-12	147,650	5,208	139,735	4,939	94.6%	94.8%	21.2%	8.3%	65.3%	0.1%	0.02%	4.4%	0.9%	39.7%	41.8%	15.6%	2.3%	2.9%
Jul-12	146,904	5,203	139,149	4,941	94.7%	95.0%	21.1%	8.4%	65.4%	0.2%	0.02%	4.4%	0.9%	39.7%	41.8%	15.8%	2.3%	2.8%
Aug-12	146,971	5,205	139,378	4,945	94.8%	95.0%	21.2%	8.5%	65.3%	0.2%	0.02%	4.4%	0.8%	39.6%	41.8%	15.9%	2.3%	2.7%
Sep-12	147,007	5,207	139,593	4,957	95.0%	95.2%	21.2%	8.6%	65.2%	0.2%	0.02%	4.4%	0.7%	39.7%	41.9%	15.9%	2.2%	2.6%
Oct-12	146,939	5,207	140,183	4,984	95.4%	95.7%	21.7%	8.7%	65.2%	0.2%	0.03%	4.4%	0.2%	39.9%	42.1%	16.0%	2.2%	2.0%
Nov-12	146,894	5,207	140,172	4,985	95.4%	95.7%	21.7%	8.8%	65.1%	0.2%	0.03%	4.3%	0.2%	39.7%	42.2%	16.1%	2.2%	2.0%
Dec-12	147,654	5,206	140,919	4,986	95.4%	95.8%	21.7%	8.8%	65.0%	0.2%	0.03%	4.3%	0.2%	39.6%	42.4%	16.1%	2.2%	2.0%
Jan-13	147,590	5,205	140,869	4,988	95.4%	95.8%	21.8%	8.9%	64.9%	0.2%	0.03%	4.4%	0.2%	39.4%	42.6%	16.2%	2.2%	2.0%
Feb-13	147,616	5,208	140,938	4,991	95.5%	95.8%	21.8%	9.0%	64.7%	0.2%	0.03%	4.4%	0.2%	39.2%	42.6%	16.4%	2.3%	1.8%
Mar-13	147,694	5,203	141,048	4,989	95.5%	95.9%	21.8%	9.1%	64.7%	0.2%	0.03%	4.3%	0.2%	38.9%	42.9%	16.4%	2.3%	1.8%
Apr-13	147,792	5,204	141,218	4,991	95.6%	95.9%	21.8%	9.2%	64.7%	0.2%	0.03%	4.3%	0.1%	38.4%	43.3%	16.6%	2.3%	1.8%
May-13	147,931	5,206	141,402	4,994	95.6%	95.9%	21.7%	9.4%	64.7%	0.2%	0.03%	4.3%	0.1%	38.0%	43.4%	16.8%	2.3%	1.7%
Jun-13	148,027	5,201	141,563	4,985	95.6%	95.8%	21.6%	9.4%	64.8%	0.2%	0.03%	4.3%	0.1%	37.3%	44.1%	16.8%	2.4%	1.8%
Jul-13	148,035	5,202	141,632	4,991	95.7%	95.9%	21.5%	9.5%	64.8%	0.2%	0.03%	4.2%	0.1%	36.8%	44.4%	16.9%	2.3%	1.7%
Aug-13	148,075	5,205	141,685	4,996	95.7%	96.0%	21.5%	9.6%	64.7%	0.2%	0.03%	4.2%	0.1%	36.4%	44.8%	16.9%	2.3%	1.7%
Sep-13	148,105	5,212	141,766	5,002	95.7%	96.0%	21.5%	9.7%	64.6%	0.2%	0.03%	4.2%	0.1%	36.1%	45.1%	16.9%	2.4%	1.7%
Oct-13	148,106	5,214	141,804	4,999	95.7%	95.9%	21.6%	9.8%	64.5%	0.2%	0.03%	4.2%	0.1%	35.7%	45.4%	16.9%	2.4%	1.7%
Nov-13	148,053	5,219	141,754	5,004	95.7%	95.9%	21.5%	9.8%	64.5%	0.2%	0.03%	4.2%	0.1%	35.3%	45.7%	17.0%	2.4%	1.7%
Dec-13	148,061	5,217	141,767	5,003	95.7%	95.9%	21.6%	9.9%	64.4%	0.2%	0.03%	4.2%	0.1%	35.0%	45.9%	17.1%	2.6%	1.5%
2013 Avg	147,924	5,208	141,454	4,994	95.6%	95.9%	21.6%	9.4%	64.7%	0.2%	0.03%	4.3%	0.1%	37.2%	44.2%	16.7%	2.4%	1.7%
2012 Avg	147,191	5,214	139,501	4,936	94.8%	94.7%	21.3%	8.3%	65.3%	0.1%	0.02%	4.4%	0.8%	39.9%	41.4%	15.7%	2.3%	3.1%
2011 Avg	147,037	5,299	138,763	2,934	94.4%	55.4%	21.0%	7.2%	66.0%	0.1%	0.01%	4.6%	1.0%	40.0%	11.6%	4.9%	0.8%	43.8%
2010 Avg	146,677	5,369	137,139	2,349	93.5%	43.8%	20.5%	5.9%	66.9%			4.8%	2.3%	41.1%	1.9%	1.3%	0.3%	55.7%
2009 Avg	145,826	5,421	130,844	2,123	89.7%	39.2%	16.9%	1.0%	72.4%			1.9%	7.9%	40.6%	0.0%	0.5%	0.1%	59.0%

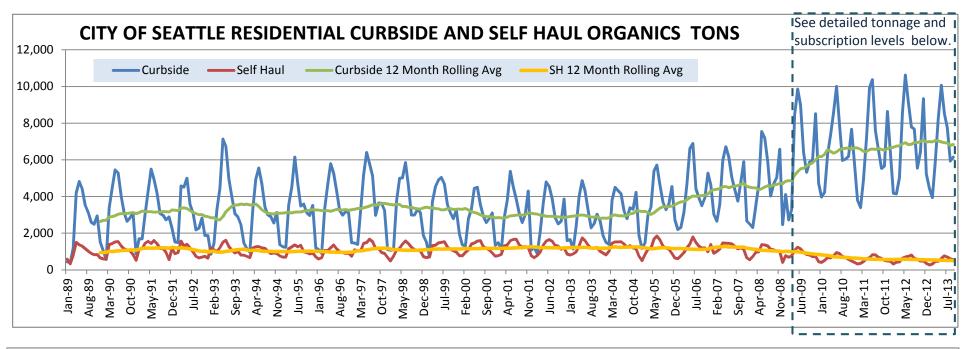
^{1.} A Premise is essentially a structure - so a single family house would count as one premise, a tri-plex with 3 housing units counts as one premise and an apartment building with 25 housing units would also count as one premise

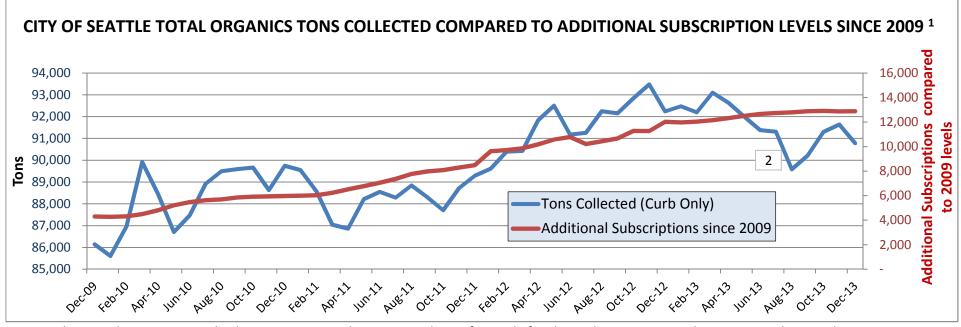
^{2.} Can Garb Prems refers to customers that subscribe to can garbage service.

^{3.} Dumpster Garb Prems refers to customers that subscribe to dumpster garbage service. Dumpster Prems are typically Apartment buildings.



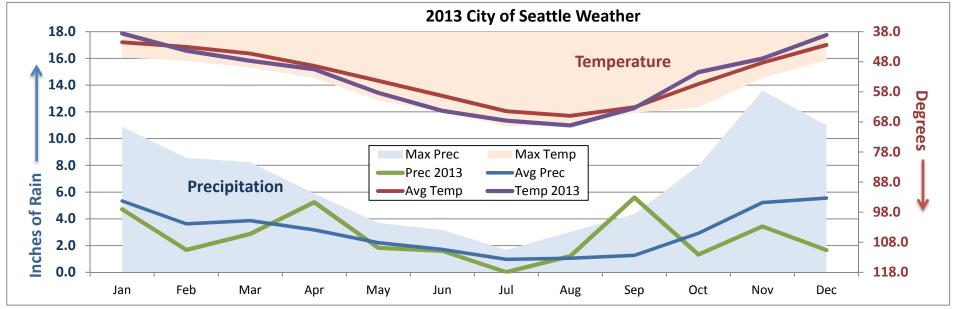




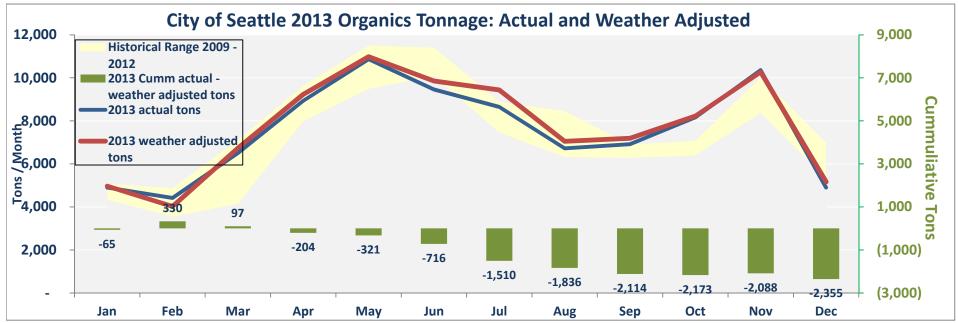


- 1. In April 2009 subscription to curbside organics service became mandatory for single family residents. In September 2011 mandatory subscription to curbside organics service expanded to multi-plex and multi-family customers. on organics tonnage.
- 2. Drier and warmer than average weather in 2013 contributed to a drop in Organics tonnage. See Weather Impact charts for more details

Weather Impacts on Organics Tonnage



2013 was a warmer than average year (Feb to Aug) with only 2 rainy months (Apr & Nov). Dryer weather results in a decrease in Organics (yard waste). In the chart below, notice the rainy months (April & September) contribute to an increase in tonnage in later months (May & October/November).



This chart shows what the estimated Organics tonnage would be if we had average weather (red line) in 2013 compared to the actual 2013 tonnage (blue line).

The yellow area shows the minimum and maximum range of tonnage the past 4 years.

The cummulative difference in weather adjusted tons compared to actual tons from Jan - Dec 2013 is negative 2,355 tons (green bars). This means an estimated additional 2,355 tons of Organics would have been collected in Seattle if we would have had average weather in 2013.