

# ORGANICS REPORT

4<sup>TH</sup> Quarter 2010

(Formerly Known as Yard Waste Report)

Seattle Public Utilities, Economic Services Section

Report Date: February 3, 2011

Phone: (206) 684-4143

## Tonnage Breakdown

### Self Haul

Q4 2010: 1,461 Tons 22.9% decrease vs. same period in 2009  
Cumulative YTD Self Haul: 7,682 Tons 24.3% decrease vs. same period in 2009

### Curbside

Q4 2010: 19,662 Tons 2.25% increase vs. same period in 2009  
Cumulative YTD Curbside: 79,952 Tons 7.7% increase vs. same period in 2009

### Commercial

#### (contract and non contract tons)

Q4 2010: 10,361 Tons 22.4% increase vs. same period in 2009  
Cumulative YTD Commercial: 37,252 Tons 17.4% increase vs. same period in 2009

## Organics Subscription Information by Premises<sup>1</sup> Type

### Single Family and Multiplex Can Premises by Subscription Type

Single Family Customers can request Exempt service if they do backyard food waste composting. Multiplex premises are duplexes, triplexes and quadplexes. Premises with five or more units are considered multifamily.

Dec-10	13 gal	32 gal	90 gal	Curb Liner	Exempt	Not Signed Up	Total Signed Up	% Prems Signed Up
Single Family	29,786	9,229	93,393	5	6,602	113	132,413	95.2%
Multiplex	615	303	3,186	4	159	1,327	4,108	73.4%
<b>Total</b>	<b>30,401</b>	<b>9,532</b>	<b>96,579</b>	<b>9</b>	<b>6,761</b>	<b>1,440</b>	<b>136,521</b>	<b>94.3%</b>
%	21%	7%	67%	0%	5%	1%		

### Multifamily Dumpster and Multifamily Can Premises by Subscription Type

"Multifamily Can" customers are subscribed to can garbage service, "Multifamily Dumpster" customers are subscribed to dumpster garbage service. "Curb No Liner" service is the same as single family can/cart service. "Curb Liner" is the same as single family can/cart service with a new liner provided after each collection. "On Site Liner" service does not require the customer to move their container(s) out to the curb and a liner is provided after each collection.

Dec-10	Curb No Liner	Curb Liner	Onsite Liner	Exempt	Not Signed Up	Total Signed Up	% Prems Signed Up
Multifamily Can	1,311	19	3	28	802	1,333	61.6%
Multifamily Dumpster	2193	191	106	17	2,848	2,490	46.5%
<b>Total</b>	<b>3,504</b>	<b>210</b>	<b>109</b>	<b>45</b>	<b>3,650</b>	<b>3,823</b>	<b>50.9%</b>
%	47%	3%	1%	1%	49%		

<sup>1</sup>A premise is roughly equal to a building in our billing system. An apartment building is typically equal to one premise.

## **Basics of Residential Curbside Organics Program**

**Service:** Beginning April 2009, collection frequency increased from bi-weekly to weekly pickup. All single family customers are now required to sign up for organics service or request an exemption if they have backyard food waste composting. Multifamily customers can sign up for residential can/cart curb service or lined can/cart service. Lined service includes a biodegradable plastic liner placed in the can or cart.

**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 = \$4.10, 32 gal = \$6.10, 96 gal = \$7.85

## **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 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 service or dumpster service, they can use Cleanscapes which has a contract with Seattle for this 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.

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

## CITY OF SEATTLE ORGANICS PROGRAM

		TONNAGE DATA										ACCOUNT SIGN-UP DATA				
Year	Month	SELF HAUL			CURBSIDE <sup>3</sup>				COMMERCIAL <sup>4</sup>			RESIDENTIAL		COMMERCIAL		
		North	South	Total <sup>1</sup>	WM	USD	CS	Total	Contract	Non Contract	Commercial	Accounts	Lbs/Acct	Contract	NonContract	Total
2009	1	449	325	774	2,189	1,917		4,106	192	2,291	2,484	133,946	61	283	796	1,079
2009	2	327	357	684	1,478	1,240		2,718	145	2,291	2,436	135,641	40	279	796	1,075
2009	3	343	413	755	1,763	1,298	218	3,279	103	2,291	2,395	136,416	48	283	796	1,079
2009	4	469	593	1,062	4,939		3,513	8,452	110	2,397	2,507	136,869	124	336	888	1,224
2009	5	544	693	1,237	5,960		3,898	9,858	129	2,397	2,526	137,343	144	286	888	1,174
2009	6	494	652	1,146	5,456		3,531	8,987	188	2,397	2,585	137,713	131	349	888	1,237
2009	7	416	531	947	3,794		2,595	6,388	126	2,641	2,768	137,992	93	310	929	1,239
2009	8	387	457	844	3,131		2,192	5,323	153	2,641	2,795	138,148	77	417	929	1,346
2009	9	392	413	805	3,506		2,382	5,889	122	2,641	2,763	138,360	85	432	929	1,361
2009	10	350	368	718	3,429		2,573	6,002	186	2,658	2,844	138,530	87	413	941	1,354
2009	11	385	350	736	4,471		4,041	8,512	162	2,658	2,820	138,570	123	426	941	1,367
2009	12	220	222	442	2,532		2,185	4,717	144	2,658	2,802	138,603	68	444	941	1,385
2010	1	216	191	407	2,213		1,752	3,965	167	2,545	2,711	138,597	57	448	955	1,403
2010	2	236	276	512	2,470		1,751	4,221	144	2,545	2,688	138,628	61	459	955	1,414
2010	3	322	346	668	3,705		2,597	6,302	141	2,545	2,686	138,800	91	476	955	1,431
2010	4	307	341	648	4,315		3,061	7,376	140	2,780	2,920	139,135	106	491	1,042	1,533
2010	5	363	401	764	5,172		3,391	8,564	152	2,780	2,931	139,560	123	494	1,042	1,536
2010	6	411	525	936	6,072		3,931	10,003	149	2,780	2,928	139,827	143	521	1,042	1,563
2010	7	412	472	885	4,740		3,119	7,859	158	3,152	3,310	139,993	112	561	1,125	1,686
2010	8	339	389	727	3,539		2,424	5,962	211	3,152	3,363	140,038	85	568	1,125	1,693
2010	9	332	341	673	3,502		2,536	6,038	200	3,152	3,352	140,229	86	516	1,125	1,641
2010	10	291	284	575	3,599		2,596	6,195	213	3,238	3,451	140,301	88	542	1,240	1,782
2010	11	270	213	482	4,190		3,476	7,666	224	3,232	3,456	140,305	109	546	1,240	1,786
2010	12	216	188	404	3,049		2,753	5,801	214	3,241	3,454	140,344	83	614	1,240	1,854
<b>Total 2010</b>		<b>3,715</b>	<b>3,966</b>	<b>7,682</b>	<b>46,564</b>		<b>33,388</b>	<b>79,952</b>	<b>2,113</b>	<b>35,139</b>	<b>37,252</b>	<b>2010 Avg</b>	<b>95</b>		<b>2010 Avg</b>	<b>1,610</b>
Total 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 2008		5,530	6,363	12,667	28,348	28,016		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	5,023	9,748	14,771	2007 Avg	87			
Total 2006:		6,953	7,323	14,276	26,125	25,414		51,539	7,123	280	7,403	2006 Avg	85			
Total 2005:		6,598	7,328	13,925	22,009	20,595		42,603				2005 Avg	74			
Total 2004:		7,729	7,177	14,905	19,670	18,815		38,485				2004 Avg	69			
Total 2003:		7,559	6,597	14,156	17,094	16,830		33,923				2003 Avg	62			
Total 2002:		7,844	6,522	14,366	17,086	17,417		34,503				2002 Avg	70			
Total 2001:		8,279	6,755	15,034	18,412	18,578		36,990				2001 Avg	NA			
Total 2000:		8,280	5,752	14,031	18,240	15,797		34,037				2000 Avg	66			
Total 1999:		8,186	5,506	13,692	28,080	11,657		39,737				1999 Avg	78			
Total 1998:		8,122	4,912	13,034	28,286	12,260		40,546				1998 Avg	79			
Total 1997:		8,574	5,563	14,137	30,017	13,113		43,130				1997 Avg	84			
Total 1996:		7,341	4,186	11,527	27,491	11,842		39,333				1996 Avg	76			
Total 1995:		7,567	4,596	12,163	29,122	11,622		40,745				1995 Avg	75			
Total 1994:		7,045	4,952	11,997	26,099	10,974		37,073				1994 Avg	72			
Total 1993 <sup>2</sup> :		8,019	5,423	13,442	30,113	12,582		42,695				1993 Avg	78			
Total 1992:		6,430	5,124	11,553	24,547	10,243		34,790				1992 Avg	61			
Total 1991:		8,814	5,908	14,722	28,103	11,100		39,203								
Total 1990:		7,339	5,625	12,964	25,936	10,845		36,780								
Total 1989:		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.

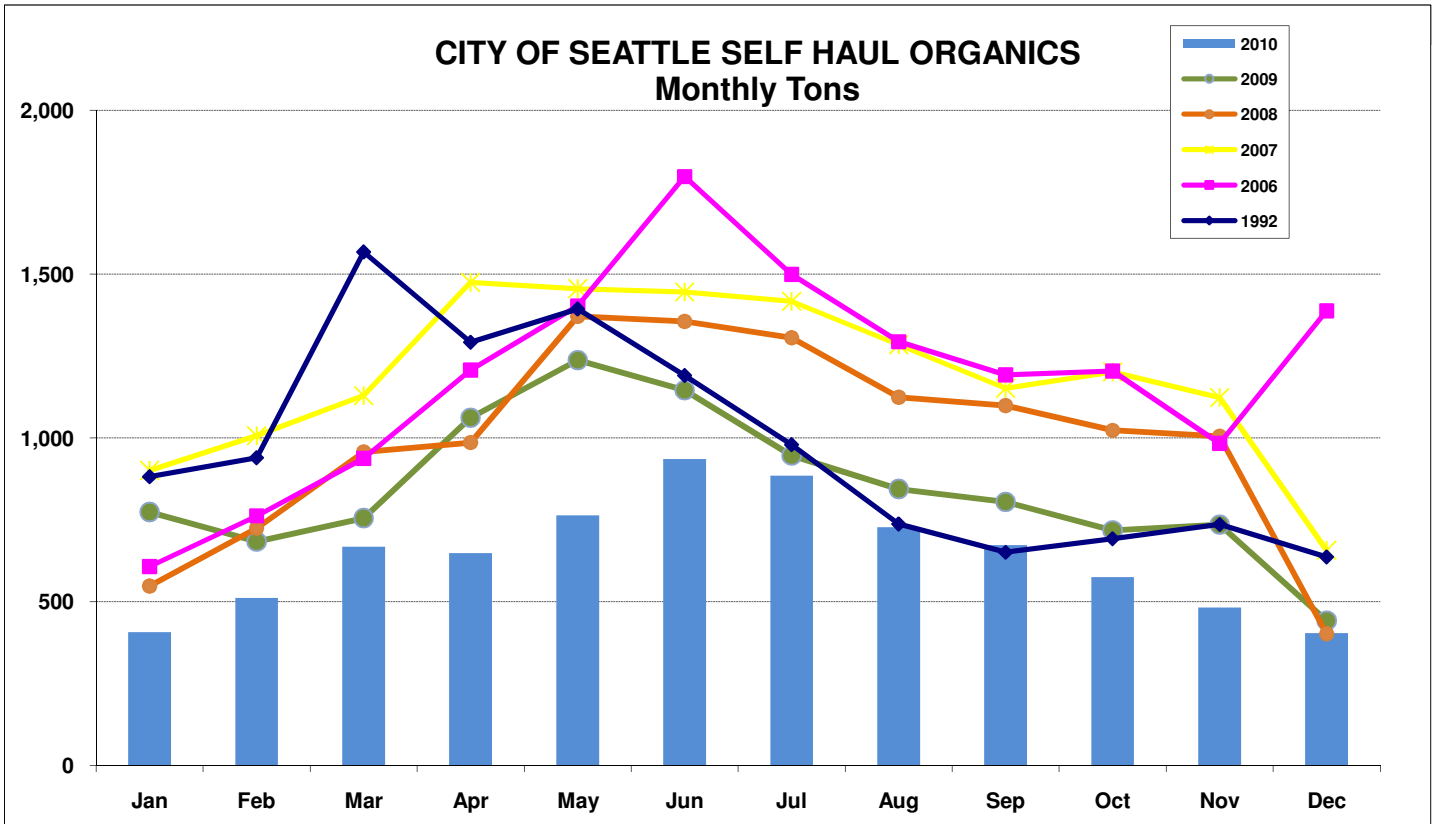
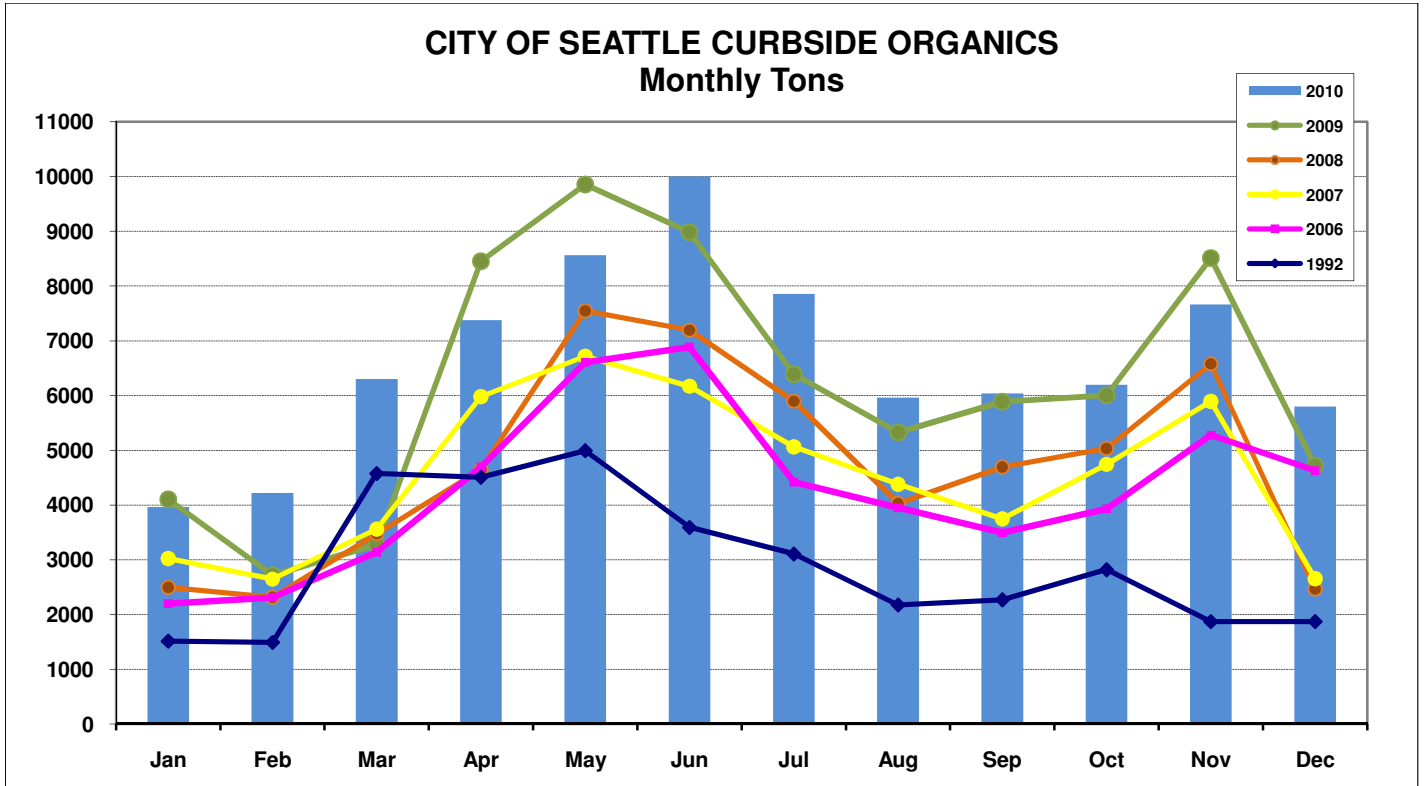
### City of Seattle Organics Customers by Customer Category

Date	Total Premises <sup>1</sup>				# of Premise Subscribers				Subscription Rate			
	Single Family	Multiplex	Multifamily Can	Multifamily Dumpster	Single Family	Multiplex	Multifamily Can	Multifamily Dumpster	Single Family	Multiplex	Multifamily Can	Multifamily Dumpster
Jan-09	137,202	5,639	2,157	5,518	126,832	3,646	1,335	2,133	92.4%	64.7%	61.9%	38.7%
Feb-09	137,264	5,640	2,148	5,516	128,459	3,703	1,340	2,139	93.6%	65.7%	62.4%	38.8%
Mar-09	137,409	5,634	2,206	5,433	129,170	3,733	1,383	2,130	94.0%	66.3%	62.7%	39.2%
Apr-09	137,589	5,629	2,200	5,421	129,489	3,787	1,413	2,180	94.1%	67.3%	64.2%	40.2%
May-09	137,836	5,636	2,201	5,408	129,850	3,846	1,436	2,211	94.2%	68.2%	65.2%	40.9%
Jun-09	138,044	5,647	2,197	5,390	130,160	3,881	1,448	2,224	94.3%	68.7%	65.9%	41.3%
Jul-09	138,227	5,644	2,197	5,405	130,394	3,901	1,457	2,240	94.3%	69.1%	66.3%	41.4%
Aug-09	138,343	5,646	2,199	5,396	130,511	3,924	1,463	2,250	94.3%	69.5%	66.5%	41.7%
Sep-09	138,438	5,646	2,199	5,395	130,648	3,959	1,473	2,280	94.4%	70.1%	67.0%	42.3%
Oct-09	138,526	5,643	2,205	5,393	130,784	3,984	1,472	2,290	94.4%	70.6%	66.8%	42.5%
Nov-09	138,525	5,646	2,202	5,389	130,992	4,003	1,281	2,294	94.6%	70.9%	58.2%	42.6%
Dec-09	138,522	5,646	2,203	5,345	130,817	4,003	1,473	2,310	94.4%	70.9%	66.9%	43.2%
Jan-10	138,516	5,642	2,195	5,383	130,816	3,993	1,473	2,315	94.4%	70.8%	67.1%	43.0%
Feb-10	138,471	5,617	2,197	5,382	130,854	3,987	1,471	2,316	94.5%	71.0%	67.0%	43.0%
Mar-10	138,504	5,607	2,198	5,377	130,997	3,999	1,478	2,326	94.6%	71.3%	67.2%	43.3%
Apr-10	138,631	5,602	2,197	5,375	131,299	4,008	1,482	2,346	94.7%	71.5%	67.5%	43.6%
May-10	138,776	5,597	2,198	5,375	131,702	4,027	1,482	2,349	94.9%	71.9%	67.4%	43.7%
Jun-10	138,967	5,596	2,195	5,368	131,917	4,045	1,488	2,377	94.9%	72.3%	67.8%	44.3%
Jul-10	139,093	5,595	2,188	5,362	132,037	4,071	1,490	2,395	94.9%	72.8%	68.1%	44.7%
Aug-10	139,156	5,600	2,187	5,361	132,223	4,083	1,320	2,412	95.0%	72.9%	60.4%	45.0%
Sep-10	139,160	5,596	2,183	5,361	132,348	4,099	1,335	2,447	95.1%	73.2%	61.2%	45.6%
Oct-10	139,212	5,590	2,181	5,361	132,394	4,103	1,337	2,467	95.1%	73.4%	61.3%	46.0%
Nov-10	139,165	5,591	2,170	5,361	132,377	4,104	1,337	2,487	95.1%	73.4%	61.6%	46.4%
Dec-10	139,128	5,594	2,163	5,355	132,413	4,108	1,333	2,490	95.2%	73.4%	61.6%	46.5%
<b>2010 Avg</b>	<b>138,808</b>	<b>5,606</b>	<b>2,193</b>	<b>5,372</b>	<b>131,577</b>	<b>4,035</b>	<b>1,447</b>	<b>2,365</b>	<b>94.8%</b>	<b>72.0%</b>	<b>66.0%</b>	<b>44.0%</b>
<b>2009 Avg</b>	<b>137,994</b>	<b>5,641</b>	<b>2,193</b>	<b>5,417</b>	<b>129,842</b>	<b>3,864</b>	<b>1,415</b>	<b>2,223</b>	<b>94.1%</b>	<b>68.5%</b>	<b>64.5%</b>	<b>41.1%</b>

### City of Seattle Organics Subscription Detail

Date	Single Family and Multiplex Can						Multifamily Can and Multifamily Dumpster <sup>2</sup>					
	% Organics Subscriptions by Type						Count of Premises by Subscription Type					
	13 Gal	32 Gal	90 Gal	Liner	Exempt	Not Signed Up	No Liner	Curb Liner	On Site Liner	Exempt	Not Signed Up	Total
Jan-09	17.2%	0.5%	73.7%	0.0%	3.0%	5.6%	3,468	0	0	17	4,190	7,675
Feb-09	17.6%	1.2%	73.7%	0.0%	4.9%	2.7%	3,479	0	0	42	4,143	7,664
Mar-09	18.6%	2.3%	71.9%	0.0%	5.0%	2.1%	3,513	0	0	44	4,082	7,639
Apr-09	19.3%	3.6%	70.1%	0.0%	5.0%	2.0%	3,593	0	0	45	3,983	7,621
May-09	19.4%	4.0%	69.7%	0.0%	4.9%	1.9%	3,617	0	30	43	3,919	7,609
Jun-09	19.5%	4.3%	69.4%	0.0%	4.9%	1.8%	3,641	0	31	44	3,871	7,587
Jul-09	19.6%	4.5%	69.2%	0.0%	4.9%	1.8%	3,663	0	34	44	3,861	7,602
Aug-09	19.7%	4.7%	68.9%	0.0%	4.9%	1.8%	3,679	0	34	43	3,839	7,595
Sep-09	19.9%	4.9%	68.6%	0.0%	4.9%	1.7%	3,705	0	48	42	3,799	7,594
Oct-09	20.1%	5.1%	68.3%	0.0%	4.8%	1.7%	3,711	0	51	43	3,793	7,598
Nov-09	20.2%	5.2%	68.2%	0.0%	4.8%	1.5%	3,521	0	54	37	3,979	7,591
Dec-09	20.3%	5.3%	67.9%	0.0%	4.8%	1.6%	3,729	0	54	44	3,721	7,548
Jan-10	20.5%	5.4%	67.7%	0.0%	4.8%	1.7%	3,735	0	53	45	3,745	7,578
Feb-10	20.6%	5.5%	67.5%	0.0%	4.8%	1.6%	3,729	3	55	49	3,743	7,579
Mar-10	20.6%	5.6%	67.4%	0.0%	4.8%	1.5%	3,745	4	55	51	3,720	7,575
Apr-10	20.7%	5.8%	67.3%	0.0%	4.8%	1.4%	3,679	86	63	51	3,693	7,572
May-10	20.9%	5.9%	67.3%	0.0%	4.8%	1.2%	3,671	96	64	54	3,688	7,573
Jun-10	20.8%	6.0%	67.3%	0.0%	4.7%	1.2%	3,679	115	71	53	3,645	7,563
Jul-10	20.7%	6.1%	67.3%	0.0%	4.7%	1.2%	3,680	120	85	53	3,612	7,550
Aug-10	20.7%	6.2%	67.2%	0.0%	4.7%	1.1%	3,507	137	88	44	3,772	7,548
Sep-10	20.8%	6.3%	67.1%	0.0%	4.7%	1.1%	3,518	162	102	44	3,718	7,544
Oct-10	20.9%	6.4%	66.9%	0.0%	4.7%	1.1%	3,518	180	106	44	3,694	7,542
Nov-10	20.9%	6.5%	66.8%	0.0%	4.7%	1.0%	3,517	198	109	44	3,663	7,531
Dec-10	21.0%	6.6%	66.7%	0.0%	4.7%	1.0%	3,504	210	109	45	3,650	7,518
<b>2010 Avg</b>	<b>20.8%</b>	<b>6.0%</b>	<b>67.2%</b>	<b>0.0%</b>	<b>4.7%</b>	<b>1.3%</b>	<b>3,624</b>	<b>109</b>	<b>80</b>	<b>48</b>	<b>3,695</b>	<b>7,556</b>
<b>2009 Avg</b>	<b>19.3%</b>	<b>3.8%</b>	<b>70.0%</b>	<b>0.0%</b>	<b>4.7%</b>	<b>2.2%</b>	<b>3,610</b>	<b>0</b>	<b>28</b>	<b>41</b>	<b>3,932</b>	<b>7,610</b>

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. Multifamily Dumpster refers to customers that subscribe to dumpster garbage service, Multifamily can refers to apartment customers with garbage can service.



### CITY OF SEATTLE RESIDENTIAL CURBSIDE AND SELF HAUL ORGANICS TONS

