

# ORGANICS REPORT

4<sup>th</sup> Quarter 2011

(Formerly Known as Yard Waste Report)

Seattle Public Utilities, Economic Services Section

Report Date: January 19, 2012

Phone: (206) 684-4143

## Tonnage Breakdown

### Self Haul

Q4 2011: 1,465 Tons 0.3% increase vs. same period in 2010  
Cumulative YTD Self Haul: 6,794 Tons 11.6% decrease vs. same period in 2010

### Curbside

Q4 2011: 20,627 Tons 4.9% increase vs. same period in 2010  
Cumulative YTD Curbside: 79,813 Tons 0.2% decrease vs. same period in 2010

### Commercial

#### (contract and non contract tons)

Q4 2011: 10,765 Tons 3.9% increase vs. same period in 2010  
Cumulative YTD Commercial: 40,782 Tons 9.5% increase vs. same period in 2010

## 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-11	13 gal	32 gal	90 gal	Curb Liner	Exempt	Not Signed Up	Total Signed Up	% Prems Signed Up
Single Family	29,942	10,794	92,060	4	6,474	269	132,800	95%
Multiplex	441	269	2,287	6	63	2,396	3,003	55%
<b>Total</b>	<b>30,383</b>	<b>11,063</b>	<b>94,347</b>	<b>10</b>	<b>6,537</b>	<b>2,665</b>	<b>135,803</b>	<b>94%</b>
%	21%	8%	65%	0%	5%	2%	94%	

### 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" service is the same as single family can/cart service but 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 as with single family can/cart service, and a liner is provided after each collection.

Dec-11	Curb No Liner	Curb Liner	Onsite Liner	Exempt	Not Signed Up	Total Signed Up	% Prems Signed Up
Multifamily Can	951	655	100	9	392	1,706	81%
Multifamily Dumpster	2117	1223	509	87	1,309	3,849	73%
<b>Total</b>	<b>3,068</b>	<b>1,878</b>	<b>609</b>	<b>96</b>	<b>1,701</b>	<b>5,555</b>	<b>76%</b>
%	42%	26%	8%	1%	23%	76%	

<sup>1</sup>A premise is roughly equal to a building in our billing system. An apartment building is typically equal to one premise. Unknown premise types, a premise type that cannot be determined due to inconsistent premise type data across the services for that premise in the billing system, are not shown.

## **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 = \$4.35, 32 gal = \$6.50, 96 gal = \$8.35

## **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 art service or dumpster service, they can use Cleanscapes which has a contract with Seattle for this service<sup>2</sup>. 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.)

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<sup>2</sup> “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					
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	Total	Accounts <sup>5</sup>	Lbs/Acct	Contract	NonContract	Total
2010	1	216	191	407	2,213		1,752	3,965	167	2,545	2,711	138,620	57	468	955	1,423
2010	2	236	276	512	2,470		1,751	4,221	144	2,545	2,688	138,659	61	474	955	1,429
2010	3	322	346	668	3,705		2,597	6,302	141	2,545	2,686	138,828	91	501	955	1,456
2010	4	307	341	648	4,315		3,061	7,376	140	2,780	2,920	139,204	106	513	1,042	1,555
2010	5	363	401	764	5,172		3,391	8,564	152	2,780	2,931	139,638	123	526	1,042	1,568
2010	6	411	525	936	6,072		3,931	10,003	149	2,780	2,928	139,914	143	543	1,042	1,585
2010	7	412	472	885	4,740		3,119	7,859	158	3,152	3,310	140,072	112	586	1,125	1,711
2010	8	339	389	727	3,539		2,424	5,962	211	3,152	3,363	140,133	85	598	1,125	1,723
2010	9	332	341	673	3,502		2,536	6,038	200	3,152	3,352	140,329	86	607	1,125	1,732
2010	10	291	284	575	3,599		2,596	6,195	213	3,238	3,451	140,423	88	618	1,240	1,858
2010	11	270	213	482	4,190		3,476	7,666	224	3,232	3,456	140,468	109	625	1,240	1,865
2010	12	216	188	404	3,049		2,753	5,801	214	3,241	3,454	140,503	83	630	1,240	1,870
2011	1	182	136	318	2,079		1,713	3,791	229	2,955	3,184	140,515	54	645	1,284	1,929
2011	2	182	170	352	1,918		1,469	3,387	174	2,955	3,129	140,571	48	650	1,284	1,934
2011	3	244	205	449	2,790		2,108	4,898	228	2,955	3,183	140,835	70	657	1,284	1,941
2011	4	281	317	598	4,248		2,919	7,167	216	3,131	3,347	141,183	102	660	1,344	2,004
2011	5	312	353	664	6,002		3,923	9,925	249	3,131	3,380	141,477	140	689	1,344	2,033
2011	6	399	426	825	6,223		4,149	10,372	214	3,131	3,345	141,797	146	700	1,344	2,044
2011	7	380	441	821	4,467		3,114	7,580	237	3,249	3,486	142,150	107	716	1,368	2,084
2011	8	340	338	678	3,805		2,729	6,534	246	3,249	3,494	142,649	92	713	1,368	2,081
2011	9	328	296	624	3,190		2,340	5,530	221	3,249	3,469	142,951	77	727	1,368	2,095
2011	10	268	243	511	3,220		2,438	5,658	216	3,366	3,582	143,071	79	726	1,407	2,133
2011	11	279	210	489	4,540		4,093	8,633	260	3,366	3,626	143,336	120	732	1,407	2,139
2011	12	255	210	465	3,295		3,041	6,336	191	3,366	3,557	143,619	88	739	1,407	2,146
<b>Total 2011</b>		<b>3,449</b>	<b>3,345</b>	<b>6,794</b>	<b>45,777</b>		<b>34,036</b>	<b>79,813</b>	<b>2,681</b>	<b>38,101</b>	<b>40,782</b>	<b>2011 Avg</b>	<b>94</b>		<b>2011 Avg</b>	<b>2,047</b>
Total 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 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

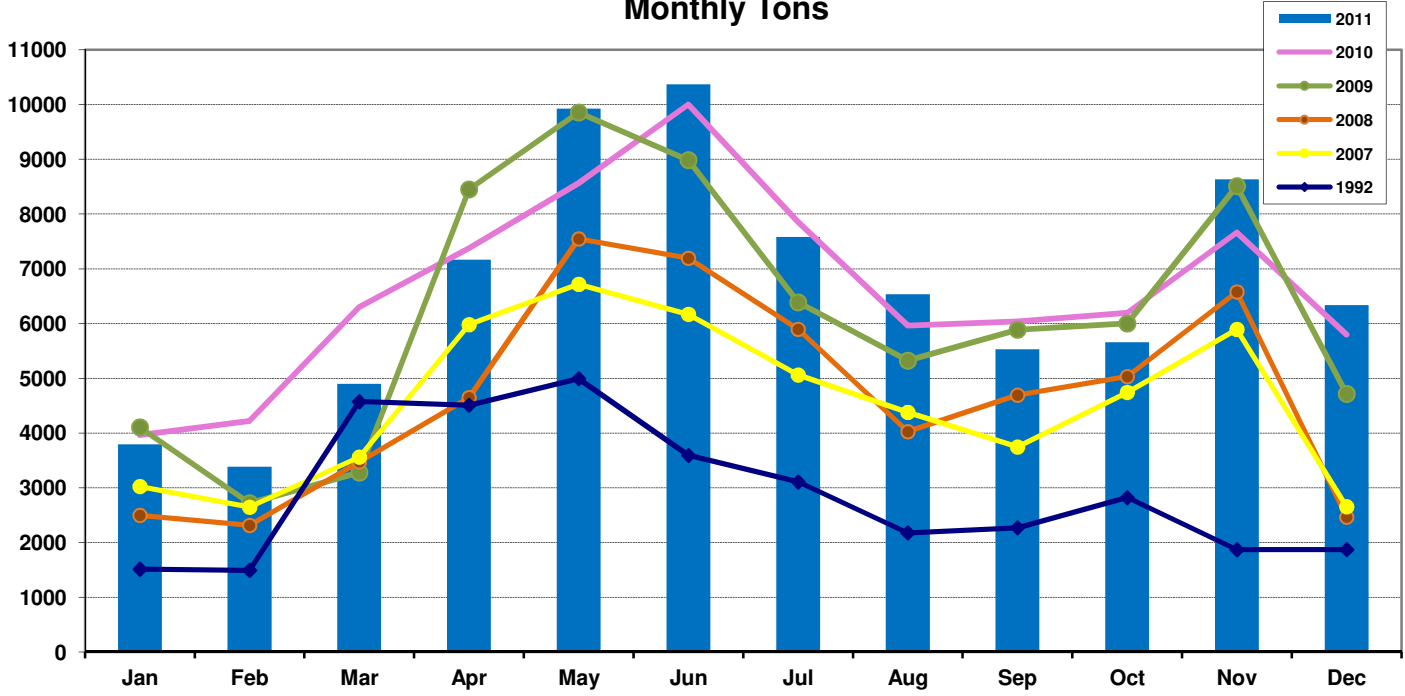
Date	Total Premises <sup>1</sup>				# of Premise Subscribers					Subscription Rate			
	Single Family	Multiplex	Multifamily Can	Multifamily Dumpster	Single Family	Multiplex	Multifamily Can	Multifamily Dumpster	Unknown Premise Type <sup>3</sup>	Single Family	Multiplex	Multifamily Can	Multifamily Dumpster
Jan-10	138,471	5,617	2,197	5,382	130,599	2,871	989	2,302	1,859	94.3%	51.1%	45.0%	42.8%
Feb-10	138,504	5,607	2,198	5,377	130,630	2,868	990	2,303	1,868	94.3%	51.2%	45.0%	42.8%
Mar-10	138,631	5,602	2,197	5,375	130,760	2,873	994	2,313	1,888	94.3%	51.3%	45.2%	43.0%
Apr-10	138,776	5,597	2,198	5,375	131,048	2,875	1,038	2,335	1,908	94.4%	51.4%	47.2%	43.4%
May-10	138,967	5,596	2,195	5,368	131,424	2,871	1,061	2,337	1,945	94.6%	51.3%	48.3%	43.5%
Jun-10	139,093	5,595	2,188	5,362	131,635	2,874	1,070	2,366	1,969	94.6%	51.4%	48.9%	44.1%
Jul-10	139,156	5,600	2,187	5,361	131,754	2,887	1,072	2,375	1,984	94.7%	51.6%	49.0%	44.3%
Aug-10	139,160	5,596	2,183	5,361	131,778	2,885	1,074	2,393	2,003	94.7%	51.6%	49.2%	44.6%
Sep-10	139,212	5,590	2,181	5,361	131,871	2,889	1,121	2,419	2,029	94.7%	51.7%	51.4%	45.1%
Oct-10	139,165	5,591	2,170	5,361	131,907	2,884	1,133	2,452	2,047	94.8%	51.6%	52.2%	45.7%
Nov-10	139,128	5,594	2,163	5,355	131,917	2,878	1,147	2,471	2,055	94.8%	51.4%	53.0%	46.1%
Dec-10	139,154	5,594	2,160	5,352	131,945	2,880	1,149	2,471	2,058	94.8%	51.5%	53.2%	46.2%
Jan-11	139,122	5,595	2,156	5,347	131,932	2,889	1,154	2,478	2,062	94.8%	51.6%	53.5%	46.3%
Feb-11	139,141	5,594	2,153	5,344	131,951	2,889	1,166	2,491	2,074	94.8%	51.6%	54.2%	46.6%
Mar-11	139,232	5,596	2,158	5,335	132,064	2,903	1,224	2,553	2,091	94.9%	51.9%	56.7%	47.9%
Apr-11	139,199	5,448	2,103	5,332	132,248	2,915	1,268	2,635	2,117	95.0%	53.5%	60.3%	49.4%
May-11	139,325	5,459	2,112	5,319	132,421	2,936	1,309	2,683	2,128	95.0%	53.8%	62.0%	50.4%
Jun-11	139,466	5,459	2,111	5,309	132,624	2,955	1,347	2,731	2,140	95.1%	54.1%	63.8%	51.4%
Jul-11	139,557	5,466	2,113	5,287	132,767	2,974	1,380	2,872	2,157	95.1%	54.4%	65.3%	54.3%
Aug-11	139,645	5,461	2,117	5,281	132,884	2,971	1,463	3,151	2,180	95.2%	54.4%	69.1%	59.7%
Sep-11	139,678	5,459	2,122	5,273	132,927	2,983	1,564	3,285	2,192	95.2%	54.6%	73.7%	62.3%
Oct-11	139,609	5,450	2,121	5,261	132,871	2,987	1,588	3,409	2,216	95.2%	54.8%	74.9%	64.8%
Nov-11	139,533	5,453	2,119	5,255	132,795	2,997	1,649	3,661	2,234	95.2%	55.0%	77.8%	69.7%
Dec-11	139,543	5,462	2,107	5,245	132,800	3,003	1,706	3,849	2,261	95.2%	55.0%	81.0%	73.4%
<b>2011 Avg</b>	<b>139,421</b>	<b>5,492</b>	<b>2,124</b>	<b>5,299</b>	<b>132,524</b>	<b>2,950</b>	<b>1,402</b>	<b>2,983</b>	<b>2,154</b>	<b>95.1%</b>	<b>53.7%</b>	<b>66.0%</b>	<b>56.4%</b>
2010 Avg	138,886	5,600	2,192	5,369	131,278	2,877	1,045	2,349	1,939	94.5%	51.4%	47.7%	43.8%
2009 Avg	137,993	5,641	2,192	5,421	125,951	3,660	1,233	2,123		91.3%	64.9%	56.2%	39.2%

### City of Seattle Organics Subscription Detail

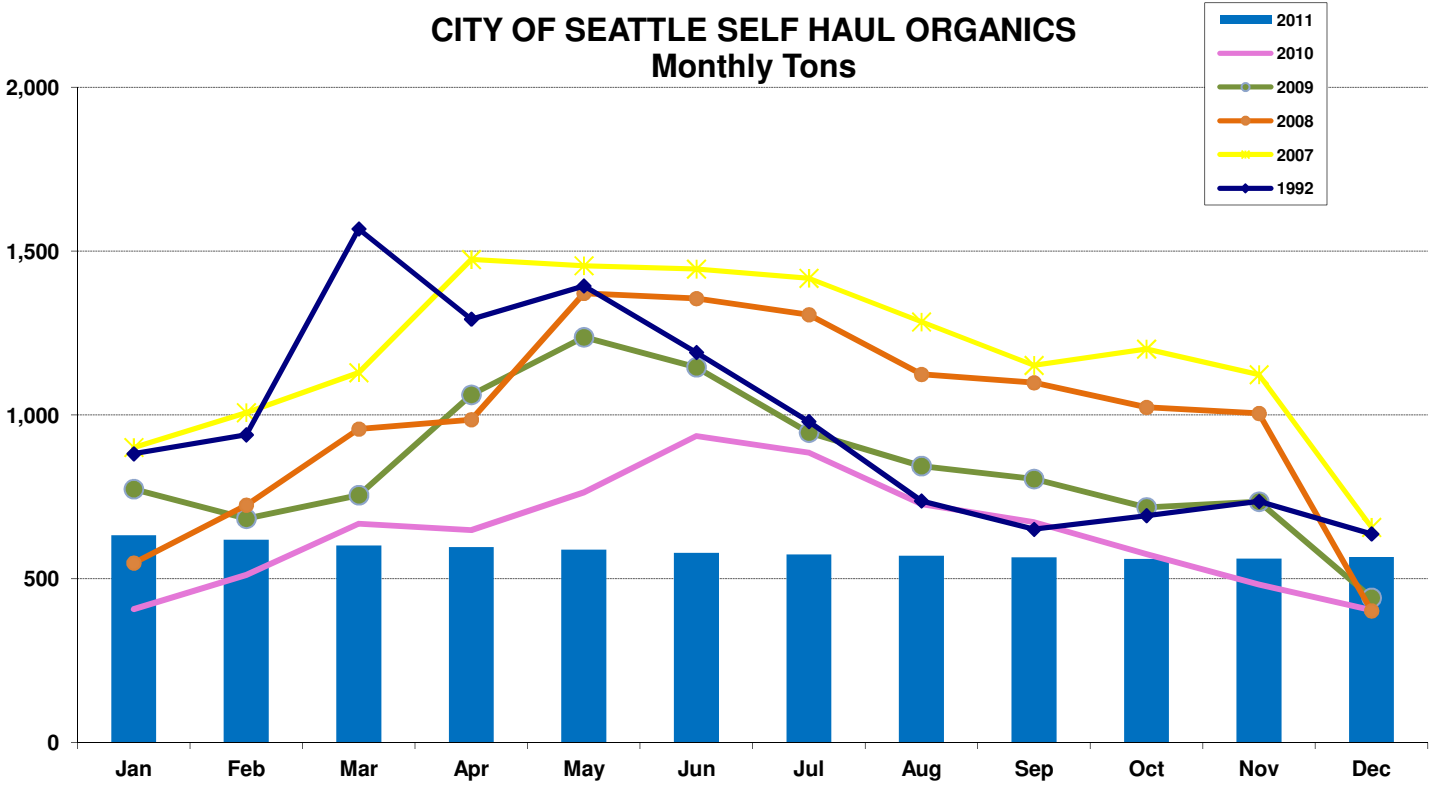
Date	Single Family and Multiplex Can					Multifamily Can and Multifamily Dumpster <sup>2</sup>					Unknown Premise Type	
	% Organics Subscriptions by Type					Count of Premises by Subscription Type					% of Organics Subscribers of Unknown Premise Type	
	13 Gal	32 Gal	90 Gal	Exempt	Not Signed Up	No Liner	Curb Liner	On Site Liner	Exempt	Not Signed Up	Total	
Jan-10	20.2%	5.3%	67.7%	4.8%	2.5%	3,220	0	71	19	4,269	7,579	1.4%
Feb-10	20.3%	5.4%	67.5%	4.8%	2.5%	3,213	7	73	21	4,261	7,575	1.4%
Mar-10	20.4%	5.6%	67.3%	4.8%	2.5%	3,226	8	73	23	4,242	7,572	1.4%
Apr-10	20.5%	5.7%	67.2%	4.8%	2.4%	3,158	134	81	24	4,176	7,573	1.4%
May-10	20.6%	5.8%	67.2%	4.8%	2.3%	3,149	163	86	26	4,139	7,563	1.4%
Jun-10	20.5%	5.9%	67.2%	4.7%	2.3%	3,152	191	93	25	4,089	7,550	1.4%
Jul-10	20.4%	6.0%	67.2%	4.7%	2.3%	3,153	196	98	25	4,076	7,548	1.4%
Aug-10	20.4%	6.1%	66.5%	4.7%	2.3%	3,153	208	106	24	4,053	7,544	1.5%
Sep-10	20.5%	6.2%	66.4%	4.7%	2.2%	3,157	276	107	24	3,978	7,542	1.5%
Oct-10	20.6%	6.3%	66.2%	4.7%	2.2%	3,166	308	111	24	3,922	7,531	1.5%
Nov-10	20.6%	6.4%	66.1%	4.7%	2.2%	3,168	336	114	23	3,877	7,518	1.5%
Dec-10	20.7%	6.5%	66.0%	4.7%	2.2%	3,154	353	113	24	3,868	7,512	1.5%
Jan-11	20.8%	6.6%	65.8%	4.7%	2.1%	3,139	378	115	24	3,847	7,503	1.5%
Feb-11	20.9%	6.7%	65.6%	4.7%	2.1%	3,122	413	122	26	3,814	7,497	1.5%
Mar-11	20.9%	6.8%	65.5%	4.7%	2.1%	3,123	500	154	28	3,688	7,493	1.5%
Apr-11	21.0%	6.9%	65.6%	4.7%	1.9%	3,106	627	170	30	3,502	7,435	1.5%
May-11	20.9%	7.0%	65.6%	4.6%	1.9%	3,108	682	202	31	3,408	7,431	1.5%
Jun-11	20.9%	7.1%	65.6%	4.6%	1.9%	3,095	765	218	30	3,312	7,420	1.5%
Jul-11	20.8%	7.2%	65.6%	4.6%	1.8%	3,076	903	273	46	3,102	7,400	1.5%
Aug-11	20.8%	7.3%	65.5%	4.5%	1.9%	3,059	1,188	367	53	2,731	7,398	1.6%
Sep-11	20.8%	7.4%	65.4%	4.5%	1.8%	3,050	1,358	441	61	2,485	7,395	1.6%
Oct-11	20.9%	7.5%	65.3%	4.5%	1.8%	3,049	1,470	478	76	2,309	7,382	1.6%
Nov-11	20.9%	7.6%	65.2%	4.5%	1.8%	3,067	1,692	551	94	1,970	7,374	1.6%
Dec-11	21.0%	7.6%	65.1%	4.5%	1.8%	3,068	1,878	609	96	1,701	7,352	1.6%
<b>2011 Avg</b>	<b>20.9%</b>	<b>7.1%</b>	<b>65.5%</b>	<b>4.6%</b>	<b>1.9%</b>	<b>3,089</b>	<b>988</b>	<b>308</b>	<b>50</b>	<b>2,989</b>	<b>7,423</b>	<b>1.5%</b>
2010 Avg	20.5%	5.9%	66.9%	4.8%	2.3%	3,172	182	94	24	4,079	7,551	1.4%
2009 Avg	16.9%	1.0%	72.4%	1.9%	7.9%	3,353	0	3	16	4,241	7,613	

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.
3. The premise type cannot be determined with the available data sources. This affects can customers only.

### CITY OF SEATTLE CURBSIDE ORGANICS Monthly Tons



### CITY OF SEATTLE SELF HAUL ORGANICS Monthly Tons



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

