



**METRO**  
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# 2004 Home Composting Survey

*Conducted by  
Market Decisions Corporation  
December 2004*



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## ***Executive Summary***

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The Home Composting Survey was undertaken to assist Metro in evaluating the effectiveness of its past efforts and in designing future home composting initiatives. Market Decisions Corporation completed 701 telephone interviews among randomly selected households in the tri-county area in December 2004. In order to qualify for the interview, respondents had to live in a single-family house, mobile home, 2-4 unit residence or a townhouse – comparable to the population that qualifies for curbside recycling and yard debris pickup.

Following are highlights of the 2004 study:

### ***Composting and Bin Usage***

- In 2004, half (52%) of all single-family households surveyed report some level of compost activity. The percentage of households composting is statistically equivalent to the 55% found in 1998 and 2001.
- Current findings suggest that just over 15% of households falling within Metro's jurisdiction use a bin purchased at Metro's truckload sale. This finding confirms that Metro has met the Regional Solid Waste Management Plan (RSWMP) objective of distributing home composting bins to 15% of single-family households.
- Two out of three (68%) bins sold at previous truckload sales are still being used; 25% stopped using their bin and 7% never tried to use their bin.
  - The primary reason residents discontinued use of their Metro bin was simply because they were unable to produce compost (25% of those who stopped bin use).
  - Half (51%) of respondents who purchased a Metro bin at a truckload sale were new to composting, while 49% had some composting experience.
  - Metro bin users report an above average level of satisfaction with their compost bin.
    - On average, respondents still using their Metro bin rate their overall satisfaction 7.3 using an eleven-point scale (10=Extremely satisfied and 0=Not at all satisfied).
- Just over a third (36%) who are not currently composting find the idea "very" or "somewhat" appealing. This figure equates to 18% of the General Population found in Metro's region.

## ***Future Bin Demand and Pricing***

- Just over one-quarter (27%) of those who currently compost or find composting appealing are interested in purchasing a reasonably priced composting bin in the next two years.
  - Respondents who don't currently compost and find the concept appealing (18% of the General Population), show the greatest potential for bin sales (45% would be interested in purchasing a compost bin at a reasonable price in the next two years). These findings equate to bin purchases by 8% of the General Population.
  
- If the current price of \$25 is increased to \$35 or \$45, a significant drop in purchase likelihood can be expected (\$25 13% “definitely” likely to purchase vs. \$35 7% and \$45 2%).
  - Based on the percentage of respondents “definitely” likely to purchase a compost bin from Metro, offering the bins for \$25 offers Metro the largest possible revenue. For every 100 households, Metro can expect to sell 13 bins at \$25 each over the next years. At \$35, Metro can expect to sell 7 bins/100 households and at \$45 Metro can expect to sell 2 bins/100 households.
    - On the other hand, Metro could reach significantly more households by lowering the price of the bin to \$15, at which price it could expect to sell 18 bins per 100 households over the next two years.
  - If the price of the bins must be increased above the current \$25, it appears that offering them for \$35 instead of \$45 would offer the greatest revenue potential due to the significantly lower purchase intent at the increased price (\$35 7% vs. \$45 2%).

## ***Distribution Methods***

- The most preferred method of distribution is home delivery.
  - Among respondents who currently compost or show interest in the purchase of a home compost bin, the majority (59%) are “definitely” or “very” likely to buy a Metro bin if it was delivered to their home. This likelihood for purchase doesn't take into account any pricing and is intended to identify the most desired distribution method.
  - The current method of Metro bin distribution (available for purchase only on one or two weekends) was rated second lowest of nine distribution methods tested.

### ***Current and Future Promotions***

- Just less than one-third (31%) of the General Population remembers receiving information about “a sale on two consecutive Saturdays of home compost bins sponsored by Metro and local governments at various locations throughout the region.”
  - The Oregonian was the most commonly mentioned source of information for past truckload sales among those who recall receiving information (mentioned by 40% of the General Population and 49% of Metro Bin Owners).
- The majority (60%) of the General Population prefer direct mail as one of the best ways to be notified of a home compost bin sale. Garbage bill inserts (29%) and newspaper articles or ads (21%) are also mentioned as effective ways to notify the public of the truckload sale.

### ***New Composting Initiatives***

- Two in five (39%) show interest (a rating of 4 or 5) in recycling food scraps and/or compostable paper along with curbside yard debris. This relatively high level of interest is another opportunity to divert compostable materials from ending up in landfills.
- Half (51%) of the General Population is in favor of a 1% increase in garbage rates in order for all households to have the potential to receive a free home compost bin.
  - Among respondents who currently compost or find the idea appealing, 62% feel that Metro and local governments should subsidize the cost of compost bins to encourage households to compost at their homes; 11% said maybe.

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## ***Background and Methodology***

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### ***Introduction***

As the regional government agency responsible for solid waste planning and disposal, Metro has initiated various strategies to reduce household waste. One of these efforts is the home composting program that Metro has promoted since the early 1990s. The program has included home compost bin distribution since 1994, home composting workshops and home compost demonstration sites.

Home composting is believed to be a cost-effective waste reduction measure for managing residential organics, primarily yard trimmings and food scraps. Previous surveys indicate that almost half of the Metro region's households which generate yard trimmings report managing at least some of this feedstock on-site by composting, mulching, or grass cycling.

The Regional Solid Waste Management Plan (RSWMP) recommends objectives of distributing home composting bins to 15% of single-family households that had not previously composted, and diverting about 12,000 tons of yard trimmings and food scraps per year from these households.

### ***Historical Perspective***

From 1994 through 2004, Metro contracted for the sale of almost 90,000 Earth Machine home compost bins at a discounted price through annual truckload sales at designated locations. Approximately 20% of single-family households have received a discounted home composting bin under this program and at least 15% of single-family households were still using the bins as of 2004.

Previous surveys by Metro suggest that almost half of the increased household participation in home composting in the last five years is due to the annual bin sale program, which is promoted by Metro and local governments. Before 1997, bins sales were limited to one bin per household. For subsequent bin sales, households were allowed to purchase more than one bin.

Sales of home compost bins averaged more than 9,500 bins between 1995 and 2001, but have declined for the last three years to 5,600 bins in 2004. Annual surveys of customers who buy the bins indicate that about 14% of bin sales are to households that previously purchased a bin and either left it behind when they moved or found they needed more composting capacity. In addition, about half of bin customers were already doing some level of composting, but would like a bin to increase their level of activity, especially to add food composting.

## ***Informational Objectives***

The following survey focuses on the regional progress in household participation in composting and other on-site management efforts for yard trimmings and food scraps. Other survey objectives include:

- Identify and measure the level of home composting among area households;
- Determine household waste management techniques for grass, leaves, brush, and food scraps;
- Identify how much demand there is for Metro compost bins in the next two years and by what audiences;
- Determine the sensitivity of demand to the price at which the bin is sold;
- Identify how demand for a bin priced at \$25 would change if that price were increased or decreased;
- Investigate the appeal of alternative distribution methods for home composting bins to the annual truckload sale;
- Understand how successful the current outreach strategy has been to promote annual truckload sales of bins and what approaches might be used to better reach potential customers;
- Understand how residents might respond to implementation of a curbside organics collection program in which food scraps were co-collected with yard trimmings;
- Collect demographics.

## ***Methodology***

Market Decisions Corporation completed a total of 701 telephone surveys with households in the tri-county area (Multnomah, Clackamas and Washington Counties). Interviewing was conducted between November 29, 2004 and December 15, 2004. The average interview lasted 15 minutes, with an average of 1.0 surveys completed per hour.

## ***Sampling***

The sampling scheme consisted of two primary segments:

- General population (n=601) – This randomly selected household segment provides survey results that are valid for a population that characterizes households that have the opportunity for curbside recycling and yard debris collection. The average interview was 15 minutes, with an average of 1.0 surveys completed per hour.
- Metro Bin Purchasers (n=100) – Segment consists of respondents who are known to have purchased a Metro bin at an annual truckload sale. To provide a good cross-section of truckload sales, 25 interviews were conducted with respondents who purchased a bin in 1995, 1996, 2000 and 2001. The average interview was 18 minutes, with an average of 1.0 surveys completed per hour.

All interviews were conducted with “an adult member of your household who is at least 18 years of age and shares in the responsibility of your home’s yard debris or the disposal of your household’s food scraps.” In order to qualify for the interview, respondents had to live in a single-family house, mobile home, 2-4-unit residence or a townhouse. Residents in multi-family units (5+) and condominiums were disqualified.

The survey instrument was developed by Steve Apotheker, Metro and Bob Beaulaurier, Market Decisions Corporation, then pre-tested and revised. A copy of the final questionnaire is included in the Appendix.

## ***Sampling Variability***

For questions answered by the 601 General Population respondents, the maximum expected margin of error is  $\pm 4.0\%$  at the 95% confidence level for questions that are answered 50/50 (i.e., half “yes” and half “no”). Any questions for which the split exceeds 50/50 (such as 60/40) will have a lower error rate. For questions asked of subgroups, the maximum margin of error increases. The maximum margin or error increases to  $\pm 7.1\%$  for the 192 Metro Bin Owners (Metro Bin Purchasers in addition to naturally found Metro bin owners among the General Population) and  $\pm 9.8\%$  for 100 Metro Bin Purchasers. Subgroups with cell sizes smaller than 30 respondents have been highlighted because of their large margin of errors. Except where specifically stated, any discussion of a “statistically” significant difference refers to the 95% level of confidence.



### ***Final Sample Calling Outcome***

The chart below shows the final sample calling outcome.

No answer, answering machine or busy signal	2366
Disconnected or technical difficulties	2044
Refused to participate or blocked phone number	1627
Business, fax or modem	821
Respondent not available	630
Not qualified	147
Language barrier	142
Completed interview	701
<i>Total</i>	<i>8478</i>

Two factors affecting telephone survey non-response bias are an increasing use of cell phones as the primary phone, especially by younger people, and an increasing frequency of languages other than English. The responses of these populations to the home composting questions are not known and could affect the results. Future telephone surveys may want to explore how these populations respond to four or five index questions so possible differences between these populations and the general population can be identified.

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## Detailed Study Findings

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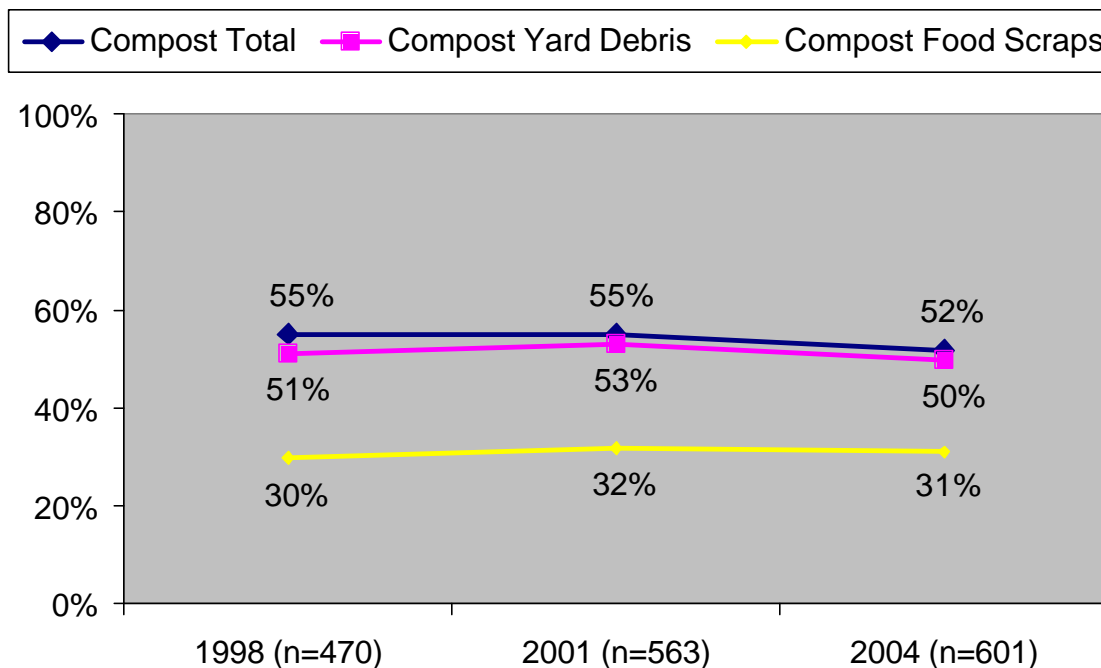
### Incidence of Home Composting

In 2004, half (52%) of all single-family households (including those in mobile homes) surveyed report some level of compost activity. The percentage of households composting is statistically equivalent to the 55% found in 1998 and 2001 for the same population. Similar to the overall incidence of composting, the percentage of respondents who compost yard debris (50%) is equivalent to 1998 (51%) and 2001 (53%). Just less than a third (31%) of households compost food scraps, a figure that is also statistically unchanged over the last three surveys.

Current findings suggest that just over 15% of households falling within Metro's tri-county jurisdiction use a bin purchased at Metro's truckload sale.

Of all households that participated in the 2004 survey, including those in 2-4 units, 51 percent reported some composting activity at home.

### Metro Region Residential Compost Rates



Questions asked:

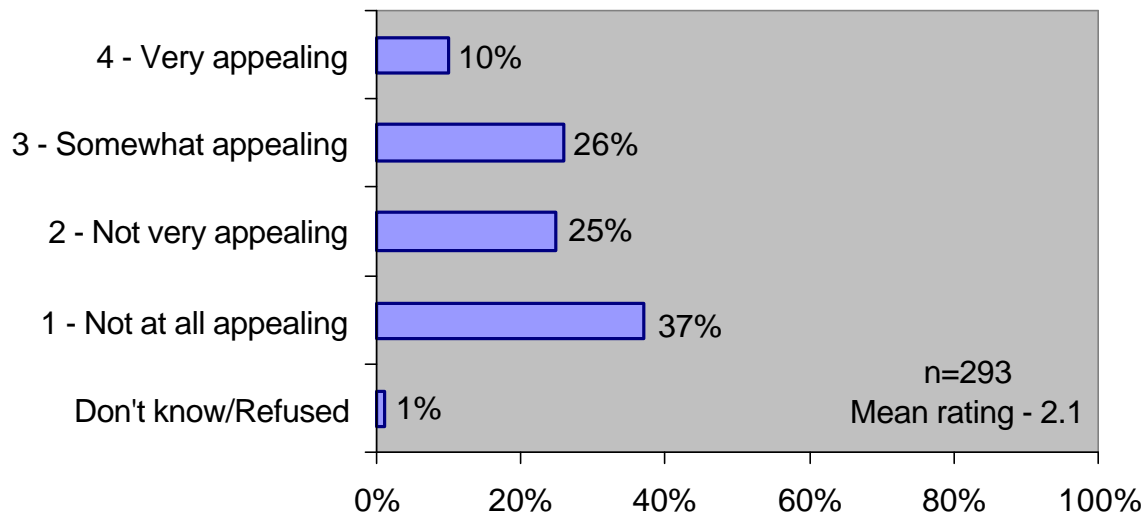
Q7. Does your household currently compost yard debris, such as grass, leaves, prunings and small branches?

Q10. Does your household currently compost any food scraps, such as fruit and vegetable trimmings, egg shells, or coffee grounds?

## ***Interest in Composting***

Just over a third (36%) who are not currently composting find the idea “very” or “somewhat” appealing. This figure equates to 18% of the General Population found in Metro’s jurisdiction. When the percentage of the General Population currently composting (51%) is taken into account, the majority (69%) of residents either compost or find it appealing.

### **Appeal of Home Composting**



### ***Interest in Composting – Statistical Differences***

Respondents who have had exposure to composting in the past (but no longer compost) are statistically more likely to find the idea of composting “very” appealing, when compared to those with no experience (stopped composting yard debris 39% vs. never composted yard debris 6% / stopped composting food scraps 43% vs. never composted food scraps 6%).

The following respondents are also statistically more likely to find the idea of home composting “very” appealing:

- Respondents with a flower garden, when compared to those without a garden (18% vs. 6%);
- Respondents younger than 55 years of age (<=34 15% and 35-54 12% vs. 55+ 5%);
- Respondents who have resided in their current residence for less than ten years (<= 2 years 17% and 3-9 years 12% vs. =>10 years 3%).
- Portland residents are statistically more likely to find composting “very” appealing, when compared to Clackamas and Washington Counties (including Beaverton) (Portland 17% vs. Clackamas County 3% and Washington County 6%).

## ***Interest in Composting – by Location***

The table below shows appeal of home composting by location.

	<b>Appeal of Home Composting – By Location</b>				
	Portland (n=109)	Gresham/ Mult. Co. (n=34)	Clack. Co. (n=64)	Wash. Co. (n=59)	Beaverton (n=27)
4 – Very appealing	17%	12%	3%	5%	7%
3 – Somewhat appealing	27%	24%	25%	24%	37%
2 – Not very appealing	20%	21%	27%	32%	30%
1 – Not at all appealing	34%	44%	42%	39%	26%
Mean Rating	2.3	2.0	1.9	1.9	2.3
Don't know/Refused	2%	--	3%	--	--

Question asked:

Q32. In general, how appealing is the idea of collecting certain types of yard trimmings and food scraps for making compost at home to use on your garden or lawn?

## ***Characteristics of Yard Debris and Food Scrap Composters***

Yard debris and food scrap composters are most likely to generate a lot of organic matter with gardens, live on larger lots and be more established residents.

### Profile of yard debris composter

1. Big organic generator: Food of Food and Flower Gardens, 70% versus Flowers Only, 37% and No Garden, 34%.
2. Large lots: Half acre, 71% versus Urban Double/Suburban, 49% and Urban Standard, 34%.
3. More established residents: 10+ years, 56% versus 2 years and under, 41% and 3 to 9 years, 45%

### Profile of food scrap composter

1. Big organics generator: Food or Food and Flower Garden, 50% versus Flowers only, 21%, or No Garden, 16%
2. Large lots: Half acre, 43% versus Urban Double/Suburban, 32% and Urban Standard, 23%.
3. More established residents: 10+ years, 34% versus 2 years and under, 22% and 3 to 9 years, 31%

## **Metro Bin Usage**

Of Metro Bin Purchasers surveyed, just over two in three (68%) are still using their Metro bin to compost; 25% stopped using their bin and 7% never tried to use their bin. It should be noted that approximately half (51%) of Bin Purchasers had some composting experience prior to purchasing their Metro bin, while 49% were new to composting.

Overall, 84% of bin owners reported composting with some method, even if they were not using a Metro bin. Bin owners with previous composting experience were more likely to continue composting yard trimmings (85%) than bin owners new to composting (74%), however, the difference is not statistically significant.

While the lowest percentage of bins still in use comes from the truckload sale in 2000, the difference is only statistically significant when compared to 2001 (52% vs. 84%).

On average, respondents still using their Metro bin rate their overall satisfaction 7.3 using a ten-point scale (10=Extremely satisfied and 0=Not at all satisfied).

Respondents that were less than satisfied with the bin cited (Question 13E, N=51):

- Can't turn the compost easily, 35%.
- Too small for amount of yard debris/food scraps generated, 18%.
- Bin fell apart, 12%.
- Difficult to get compost out bottom opening, 12%.

	<b>Bin Status – by Year</b>				
	Total Bin Purchasers (n=100)	Purchased Bin in 1995 (n=25*)	Purchased Bin in 1996 (n=25*)	Purchased Bin in 2000 (n=25*)	Purchased Bin in 2001 (n=25*)
Currently using bin	68%	64%	72%	52%	84%
Stopped using bin	25%	32%	24%	36%	8%
Never used bin	7%	4%	4%	12%	8%

## **Reasons for Discontinued Metro Bin Use**

The primary reason respondents discontinued use of the Metro bin was simply because they were unable to produce compost, mentioned by 25%\* (3 mentions). Other reasons included:

- Bin is too small for the amount of yard debris (17%\* - 2 mentions);
- Too difficult (17%\* - 2 mentions);
- Needs better airflow (17%\* - 2 mentions)
- Not enough time/Takes too much time (17%\* - 2 mentions);
- Built own bin (8%\* - 1 mention);
- Bin broke (8%\* - 1 mention).

*\* Small sample size – interpret with care*

### **Reasons for Never trying Metro Bin After Purchase**

Although the percentage of respondents who purchased a Metro bin but never used it is small (7%), they cited the following as their reasoning:

- Decided not to compost/Thought it would be too much work (29%\* - 2 mentions);
- Bin too small (29%\* - 2 mentions);
- Couldn't figure out how to put the bin together (14%\* - 1 mention);
- Never got around to it (14%\* - 1 mention);
- Other (14%\* - 1 mention).

*\* Small sample size – interpret with care*

Question asked:

Q7A. Are you presently using/Did you use your Metro bin to compost?

Q7AA. We know you are not presently using your Metro bin to compost, but did you ever use your Metro bin to compost?

Q7B. Why didn't you use your Metro bin to compost?

Q7C. Why did you stop composting with your Metro bin?

Q13D. Thinking of the capacity, durability, ease of use and other features of your home compost bin and using a scale of 0 to 10, where 0 means "Not at all satisfied" and 10 means "Extremely satisfied" in all respects, how satisfied are you with the Metro compost bin?

Q13E. What features or aspects of using the bin lessened your satisfaction with its performance?

## **Future Bin Demand**

Just over one-quarter (27%) of those who currently compost or find composting appealing are interested in purchasing a reasonably priced composting bin in the next two years. This equates to bin demand over the next two years by 18.6% of the General Population, or about 37,000 bins per year. Among those interested in a bin are current Metro bin owners, 16% of whom are looking to purchase an additional compost bin.

	<b>Interest in Bin Purchase – by Segment</b>	
	<b>General Population - Compost or Find it Appealing (n=419)</b>	<b>Metro Bin Owners (n=184)</b>
Yes	27%	16%
Maybe	18%	15%
No	51%	66%
Don't know/Refused	4%	3%

Respondents who don't currently compost and find the concept appealing (18% of the General Population), show the greatest potential for bin sales (45% would be interested in purchasing a compost bin at a reasonable price in the next two years). These findings equate to bin purchases by 8% of the General Population.

One in five (20%) households engaged in composting show interest in purchasing a Metro bin in the next two years, which equates to 10% of the General Population. The following outlines population groups statistically more likely to purchase a composting bin in the next two years:

- Respondents under the age of 55, when compared to their older counterparts (29% vs. 20%);
- Respondents with a household size of two or greater, compared to respondents with only one resident in the household (2+ in HH 28% vs. 1 in HH 16%);
- Residents who have lived in their current residence for a period of less than 10 years (<=2 years 28% and 3-9 years 38% vs. =>10 years 18%).

## **Future Demand – Consideration of NEW Residents**

Study findings suggest that 7% of respondents have moved to Metro's region in the last two years. With the assumption that there are 400,000 single-family households in the Metro region, every two years, 28,000 households are totally unfamiliar with the region's home composting program and bin sale.

### **Future Bin Demand – by Location**

The table below shows interest in bin purchase by location.

	<b>Interest in Bin Purchase – By Location</b>				
	<b>Portland (n=174)</b>	<b>Gresham/ Mult. Co. (n=37)</b>	<b>Clack. Co. (n=98)</b>	<b>Wash. Co. (n=78)</b>	<b>Beaverton (n=31)</b>
Yes	30%	30%	18%	31%	19%
Maybe	20%	22%	15%	18%	13%
No	44%	41%	63%	50%	65%
Don't know/Refused	6%	8%	3%	1%	3%

Respondents of Portland and Washington County are statistically more likely to buy a Metro bin in the next two years, when compared to those residing in Clackamas County (Portland 30% and Washington County 31% vs. Clackamas County 18%). Gresham area residents are also more likely to purchase a bin, however the finding is only significant at the 90% confidence level (Gresham/Somewhere else in Multnomah County 30% vs. Clackamas County 18%).

Question asked:

Q36. Would you be interested in purchasing another/a composting bin at a reasonable price sometime in the next two years?



## ***Profile of Respondents w/Interest in Bin Purchase***

The following bullets show the profile of Metro region residents who show some interest in purchasing a Metro bin.

### Location:

- 47% are in the City of Portland
- 19% are in Washington County (excluding Beaverton)
- 17% are in Clackamas County

### Home Ownership:

- 86% own their homes

### Length in Residence:

- 47% have been in their home less than 2 years
- Median length of residence ~6 years

### Age:

- Median age is ~46

### Education:

- 16% have a High School degree (or GED) or less
- 30% have some college experience, but no undergraduate degree
- 51% have a college degree or beyond

### Household Income:

- Median income ~\$58,000

### Gender:

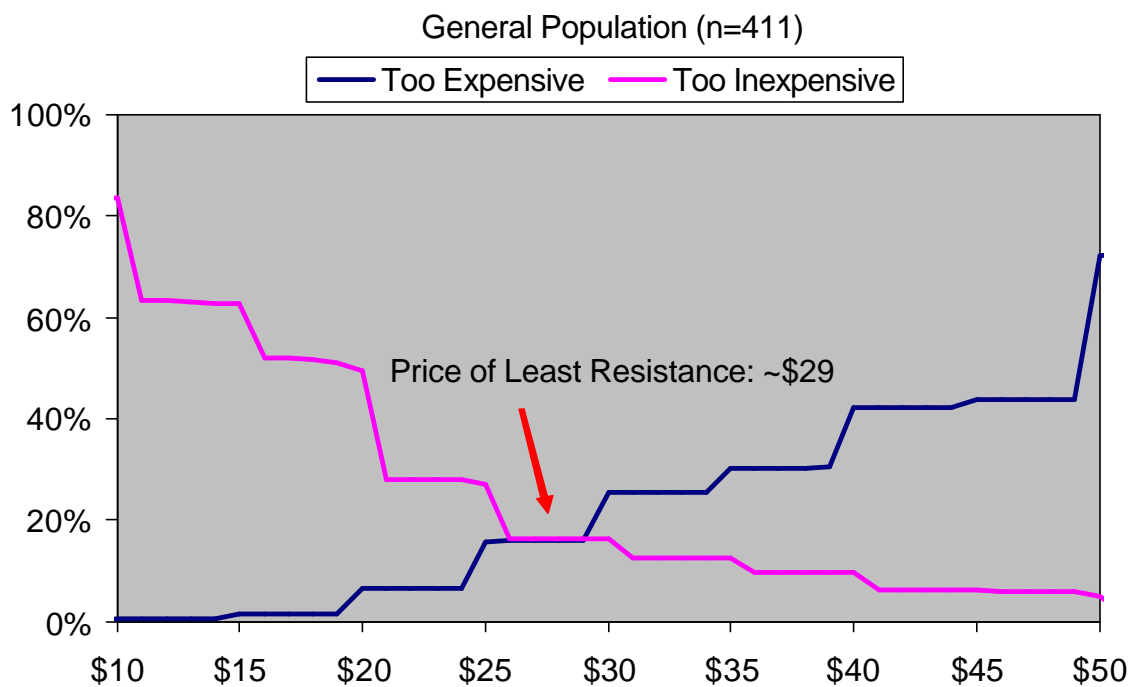
- 38% Male
- 62% Female

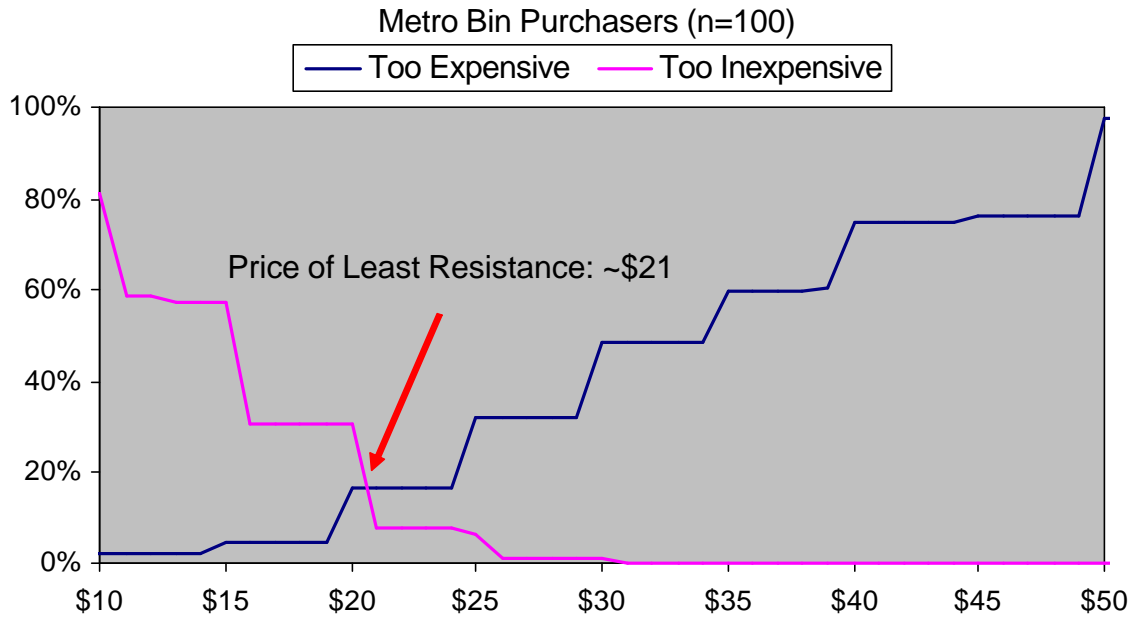
### Price Point of Least Resistance

Respondents were asked a set of questions to determine the price point which offers the least price-related purchase resistance. This price point exists where the same percentage of respondents feel the compost bin is “too expensive” so they would not consider purchasing it, and “too inexpensive” where they would question the quality of the bin.

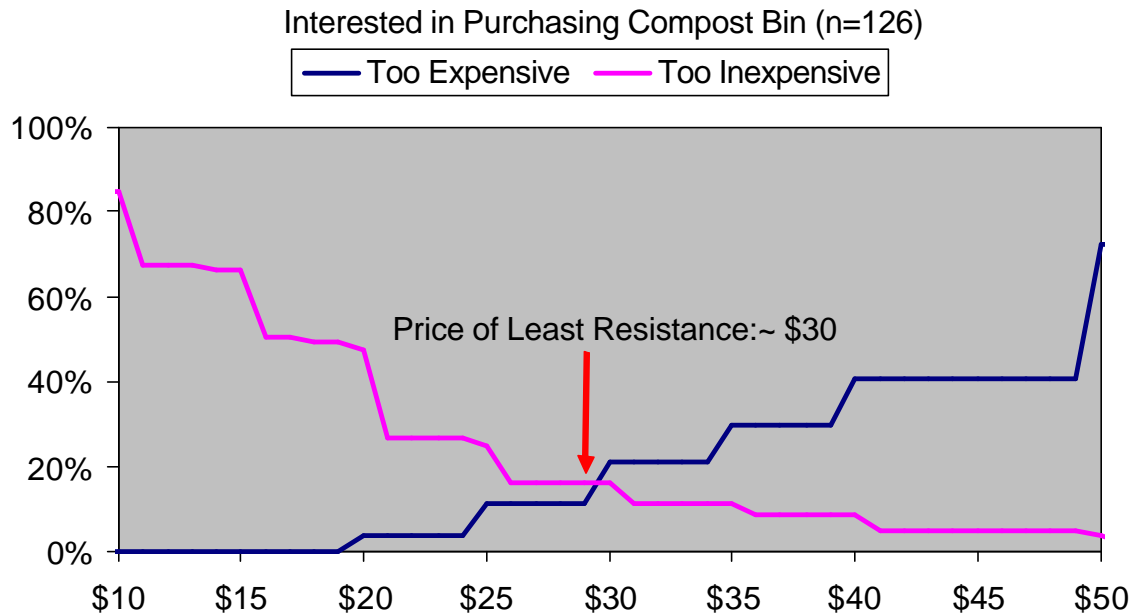
The following series of charts present the price points of least resistance for the primary study sub-segments, among those who find the idea of composting appealing.

*The price of least resistance or the charts below do not display purchase intent or consumer demand; they simply present the price where price-related purchase resistance is minimized.*





The price of least resistance to purchase a compost bin from Metro is lower among Metro Bin Purchasers than the General Population (\$21 Bin Owners vs. \$30 General Population).



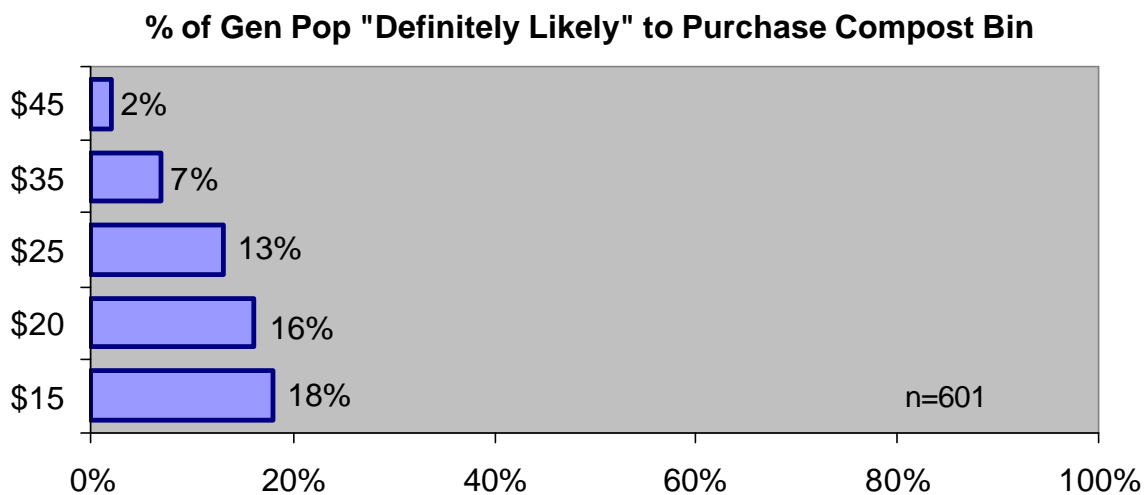
Question asked:  
 Q37A. At what price would it just start to feel that a composting bin from Metro is too expensive and you would not consider purchasing it?  
 Q37B. At what price would it just start to feel that a composting bin from Metro is too inexpensive and you would have concerns about its quality or effectiveness?

## Purchase Likelihood

Respondents were asked to rate their likelihood to purchase a home compost bin from Metro in the next two years at price points ranging from \$45 to \$15. Respondents reporting that they are “definitely likely” to purchase at a higher price point were assumed “definitely likely” to purchase at all lower price points, and were not asked purchase likelihood at lower price points.

The chart below summarizes the percentage of the General Population reporting they are “definitely likely” to purchase a home compost bin from Metro at each price point evaluated. The projected sales figures below assume that the potential customers get information about the availability of the compost bins and that the distribution method is convenient for them.

**If the current price of \$25 is increased to \$35 or \$45, a significant drop in purchase likelihood can be expected.**



- **Based on the percentage of respondents “definitely” likely to purchase a compost bin from Metro, offering the bins for \$25 offers Metro the largest possible revenue.** For every 100 households, Metro can expect to sell 13 bins at \$25 each over the next years. At \$35, Metro can expect to sell 7 bins/100 households and at \$45 Metro can expect to sell 2 bins/100 households.
  - On the other hand, Metro could reach significantly more households by lowering the price of the bin to \$15, at which price it could expect to sell 18 bins per 100 households over the next two years.

**Purchase Likelihood – Among Those Interested in Bin**

The table below shows the differences in likelihood to purchase between projections made to the General Population and those who report they are definitely likely to purchase a compost bin from Metro in the next two years.

	<b>Compost Bin Purchase Likelihood % Definitely Likely</b>	
	General Population (n=601)	Interested in Purchasing a Compost Bin (n=206)
\$45	2%	6%
\$35	7%	21%
\$25	13%	37%
\$20	16%	46%
\$15	18%	53%

**Purchase Likelihood – Among Those Interested in Bin (Detailed Look)**

The table below presents detailed purchase likelihood at each price point evaluated among those interested in purchasing a compost bin from Metro.

- Among those interested in purchasing a compost bin, 63% would be “definitely” or “very” likely to purchase at \$25. When the price is increased to \$35, this percentage declines to 45% and it drops further to 28% at \$45.

	<b>Compost Bin Purchase Likelihood</b>				
	Interested in Purchasing a Compost Bin (n=206)				
	<b>\$45</b>	<b>\$35</b>	<b>\$25</b>	<b>\$20</b>	<b>\$15</b>
Definitely likely	6%	21%	37%	46%	53%
Very likely	22%	24%	26%	22%	17%
Somewhat likely	44%	36%	21%	16%	14%
Not too likely	14%	7%	8%	4%	3%
Not at all likely	14%	11%	8%	10%	12%
Don't know/Refused	<1%	<1%	1%	1%	1%

Question asked:

Q37C-G. How likely are you to purchase a home composting bin in the next two years if the retail price was \$45/\$35/\$25/\$20/\$15? Would you say you are...

### **Appeal of Different Distribution Methods**

Among respondents who currently compost or show interest in the purchase of a home compost bin, the majority (59%) are “definitely” or “very” likely to buy a Metro bin if it was delivered to their home. One third of these respondents are also “definitely” or “very” likely to buy a Metro bin if it was available through their neighborhood association (35%) or supported with an email newsletter on proper usage (32%). This likelihood for purchase doesn’t take into account any pricing and is intended to identify the most desired distribution method.

The current method of Metro bin distribution (available for purchase only on one or two weekends) was rated second lowest of nine distribution methods tested. However, respondents are more likely to purchase a Metro bin for \$35 at an annual truckload sale (70%), than for \$60 at a local nursery or home improvement store (7%).

	<b>How Likely Would You be to Buy a Bin if ... (n=419)</b>			
	<b>% Definitely + Very Likely</b>	<b>% Somewhat Likely</b>	<b>% Not Too + Not at All Likely</b>	<b>Mean Rating</b>
Delivered to your house	59%	19%	20%	3.5
Available through your neighborhood association	35%	29%	32%	2.9
Supported with an email newsletter on proper usage	32%	25%	41%	2.7
Available for purchase on a combination of weekday evening and weekend days during one or two weeks during the year	30%	36%	32%	2.8
Had to drive 15 minutes or 10 miles to pick it up	28%	31%	40%	2.7
Available for purchase through Metro’s website and could be picked up at a central location	26%	35%	37%	2.7
Available for purchase only on one or two weekends	17%	29%	52%	2.4
Sold only through nurseries and home improvement stores	17%	32%	48%	2.5
Had to call Metro ahead of time to reserve it (and then would have to pick it up at a designated time in the future)	15%	25%	58%	2.3

Question asked:  
 Q39. How likely would you be to buy a bin if...?  
 Q39E. Would you be more likely to purchase a bin for \$35 at an annual truckload sale or \$60 at your local nursery and home improvement store?

**Current Promotions – Recall**

Just less than one-third (31%) of the General Population remembers receiving information about “a sale on two consecutive Saturdays of home compost bins sponsored by Metro and local governments at various locations throughout the region.”

Respondents statistically more likely to recall receiving truckload sale information include:

- Respondents who currently compost, when compared to those not engaged in composting (36% vs. 26%);
- Respondents older than 34 years of age, when compared to their younger counterparts (55+ 42% and 35-54 28% and <=34 18%);
- Residents who have lived in their current residence for a period of three years or more (=>10 years 39% and 3-9 years 29% vs. <=2 years 20%).

<b>Remember Receiving Info About Last Truckload Sale – by Segment</b>		
	General Population (n=601)	Metro Bin Owners (n=192)
Yes	31%	52%
No	66%	45%
Don't know/Refused	3%	3%

Question asked:

Q43. In the last year, do you remember receiving any information about a sale on two consecutive Saturdays of home compost bins sponsored by Metro and local governments at various locations throughout the region?

### **Current Promotions – Sources of Truckload Sale Information**

The Oregonian was the most commonly mentioned source of information for past truckload sales among those who recall receiving information (mentioned by 40% of the General Population and 49% of Metro Bin Owners). The Oregonian included three specific areas where information was found – an article or print ad, a flyer/insert in the shape of a compost bin, and the Home and Garden section. Postcards (mentioned by 8% of the General Population and 9% of Metro Bin Owners) and community newspaper flyer/insert in the shape of a compost bin (mentioned by 10% of the General Population and 8% of Metro Bin Owners) were other effective methods mentioned by those who recall receiving truckload sale information.

	<b>Source of Truckload Sale Information Among Those Who Recall Seeing Promotion – by Segment</b>	
	<b>General Population (n=185)</b>	<b>Metro Bin Owners (n=99)</b>
Oregonian (net mentions)	40%	49%
Oregonian article or print ad	21%	18%
Oregonian flyer/insert in the shape of a compost bin	11%	18%
Oregonian Home and Garden section	8%	13%
Postcard	8%	9%
Community newspaper flyer/insert in the shape of a compost bin	10%	8%
Direct mail	5%	4%
Word of mouth	3%	2%
Newsletter	3%	1%
Community newspaper article or print ad	2%	3%
Newspaper (unspecified)	3%	1%
Garbage bill	2%	2%
Willamette Week	--	2%
Other	5%	4%
Don't remember	20%	14%

Question asked:  
Q43A. How did you hear about it?



## Desired Promotions

The majority (60%) of the General Population prefers direct mail as one of the best ways to be notified of a home compost bin sale. Garbage bill inserts and newspaper articles or ads are also mentioned as effective ways to notify the public of the truckload sale.

Differences can be noted in the preferred notification medium based on age:

- When compared to their older counterparts, respondents under the age of 55 are statistically more likely to prefer:
  - Email (<=34 19% and 35-54 15% vs. 55+ 5%);
  - Telephone (<=34 16% and 35-54 11% vs. 55+ 4%);
  - Radio (<=34 10% and 35-54 11% vs. 55+ 3%).
- Respondents older than 55 are statistically more likely to prefer the following, when compared to younger respondents:
  - Flyer/insert in the shape of a compost bin (55+ 16% vs. <=34 8% and 35-54 8%).

	<b>Preferred Source for Truckload Sale Information – by Segment</b>	
	<b>General Population (n=601)</b>	<b>Metro Bin Owners (n=192)</b>
Direct mail (post card or flyer)	60%	54%
Garbage bill	29%	20%
Newspaper article or ad	21%	33%
Email	12%	12%
Newspaper home and garden	9%	19%
Flyer/insert in the shape of a compost bin	11%	15%
TV	11%	8%
Telephone	9%	6%
Radio	8%	7%
Newsletter from local government	5%	6%
Newsletter from neighborhood association	4%	4%
Information at nurseries and home improvement stores	1%	1%
Other	5%	3%

Three in five (61%) General Population respondents are subscribers of the daily Oregonian newspaper.

Questions asked:

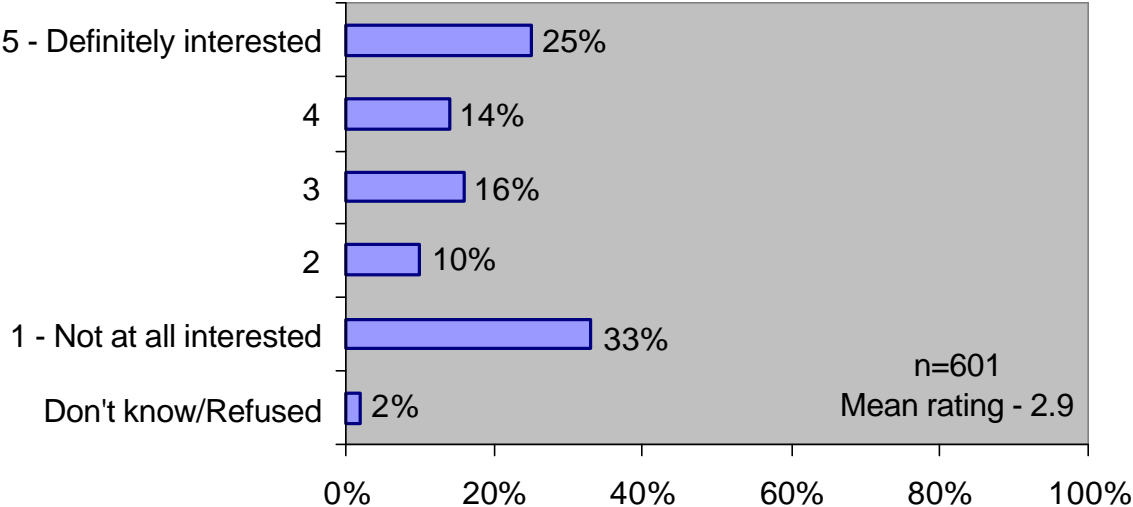
Q43B. In the last year, have you been a subscriber to the daily Oregonian (as opposed to the Sunday-only subscribers)?

Q43C. What would be the best way to notify you of a sale of home compost bins?

**Curbside Food Scrap and Compostable Paper Collection**

Two in five (39%) show interest (a rating of 4 or 5) in recycling food scraps and/or compostable paper along with curbside yard debris. This relatively high level of interest is another opportunity to prevent compostable materials from ending up in landfills.

**Interest in Combining Food Scraps/Compostable Paper w/Yard Debris for Curbside Collection**



Question asked:  
Q46. If food scraps could be mixed with yard trimmings and set out at the curb for weekly collection, how interested would your household be in separating out its food scraps and compostable paper to participate in such a service? Please use a scale of 1 to 5, where 1 means, "Not at all interested" and 5 means "Definitely interested."

### **Increased Garbage Bill for a Free Compost Bin**

Half (51%) of the General Population is in favor of a 1% increase in garbage rates in order for all households to have the potential to receive a free home compost bin.

The following respondents are statistically more likely to show support for the proposed initiative:

- Respondents younger than 55 years of age (<=34 67% and 35-54 54% vs. 55+ 39%);
- Homeowners with a standard urban lot, when compared to double urban or suburban lots (56% vs. 48% - 90% confidence level);
- Households with multiple residents, as opposed to single resident (53% vs. 39%);
- Respondents who have resided in their current residence for less than ten years (<= 2 years 58% and 3-9 years 61% vs. =>10 years 40%).

<b>Support Increased Garbage Rates for Free Compost Bin – by Segment</b>		
	<b>General Population (n=601)</b>	<b>Metro Bin Owners (n=192)</b>
Yes	51%	48%
No	43%	46%
Don't know/Refused	6%	6%

Among General Population respondents who currently compost or find the idea appealing, 62% feel that Metro and local governments should subsidize the cost of compost bins to encourage households to compost at their homes; 11% said “maybe.”

Questions asked:

Q38. Do you think Metro and local government should subsidize the cost of compost bins to encourage households to compost at their homes?

Q42. About half the households in the region practice backyard composting, which reduces the amount of leaves, grass and brush that they set out for collection. However, all household garbage bills include a fee for the same level of curbside collection of yard trimmings whether households compost in their backyard or not. Would you support a 1% increase in garbage rates (cap up to \$0.20 per month) for all households to have the potential to receive a free home compost bin?

**Curbside Participation**

Nineteen in twenty (95%) respondents who subscribe to curbside service participate in city’s recycling collection program. Curbside participation among those with service is statistically equivalent throughout the region.

<b>Curbside Participation – By Location</b>						
	Total (n=601)	Portland (n=233)	Gresham/ Mult. Co. (n=59)	Clack. Co. (n=142)	Wash. Co. (n=120)*	Beaverton (n=46)
Participate rate of HH that subscribe to curbside recycling	95%	96%	93%	95%	95%	98%
% of all HH that do not subscribe to curbside	6%	4%	3%	10%	8%	2%

*\* Does not include Beaverton households*

Clackamas and Washington Counties (excluding Beaverton) has statistically higher percentage of households that do not subscribe to curbside service.

Question asked:  
 Q45. Do you currently participate in your city’s curbside recycling collection program for paper, glass, metal and plastics?

**Organic Management**

The following tables outline respondents' organic management practices with fallen leaves or tree needles, grass clippings, brush waste, plant and garden waste, and food scraps.

**Organic Management – Fallen Leaves or Tree Needles**

	<b>Organic Management of Fallen Leaves or Tree Needles</b>
	General Population (n=585)
Recycle at curbside	55%
Compost at home	25%
Nothing, leave them where they fall	14%
Use as mulch/Put in flower beds	10%
Lawn maintenance or someone outside the home takes care of it	8%
Haul to a composting facility or transfer station	5%
Sweep out loose into street	3%
Burn it	3%
Dispose in regular garbage	3%
Stack them in a pile	3%
Something else	1%
Don't have any fallen leaves or tree needles	2%
Don't know/Not sure	1%

Question asked:  
 Q15. What all do you do with your fallen leaves or tree needles?

**Organic Management – Grass Clippings**

	<b>Organic Management of Grass Clippings</b>
	General Population (n=538)
Recycle at curbside	44%
Compost at home/Put in pile	27%
Mulching lawnmower/Let grass clippings lie on lawn	21%
Use for mulch in other areas	11%
Lawn maintenance or someone outside the home takes care of it	10%
Dump/Spread/Pile somewhere else/Over fence	4%
Dispose in regular garbage	3%
Feed to animals	1%
Burn it	1%
Haul to a composting facility or transfer station	1%
Something else	1%
Don't know/Not sure	1%

Question asked:  
Q16. What all do you do with your grass clippings?

**Organic Management – Brush Waste**

	<b>Organic Management of Brush Waste</b>
	General Population (n=601)
Recycle at curbside	58%
Burn it	15%
Compost at home/Put in pile	12%
Landscaping or someone outside the home takes care of it	7%
Haul to a composting facility or transfer station	6%
Use a chipper to make chips	5%
Take somewhere else to dump/Spread/Mulch	4%
Dispose in regular garbage	3%
Just let it lie where it is	3%
Something else	1%
Don't have any brush waste	3%
Don't know/Not sure	1%

Question asked:  
Q17. What all do you do with your brush waste, such as twigs and prunings?

**Organic Management – Garden Waste**

	<b>Organic Management of Garden Waste</b>
	General Population (n=372)
Recycle at curbside	52%
Compost at home/Put in pile	34%
Tilled back into soil	8%
Mulch	6%
Just let it lie where it is	5%
Burn it	4%
Landscaping or someone outside the home takes care of it	3%
Haul to a composting facility or transfer station	3%
Dispose in regular garbage	3%
Use a chipper to make chips	1%
Give to animals	1%
Something else	1%
Don't have any plant or garden waste	1%
Don't know/Not sure	1%

Question asked:  
 Q18. What all do you do with your plant and garden waste?

**Organic Management – Food Scraps**

	<b>Organic Management of Food Scraps</b>
	General Population (n=601)
Dispose in regular garbage	69%
Put down the garbage disposal or drain	51%
Feed to animals	15%
Compost at home	13%
Put in worm bin	1%
Burn it	1%
Other	2%
Not enough debris to compost	1%
Don't know/Not sure	<1%

Question asked:  
 Q22. What all do you do with your food scraps?

## Demographic Profile

The following tables provide a demographic comparison of the General Population and Metro Bin Purchaser segments.

	Location – by Segment	
	General Population (n=601)	Metro Bin Purchasers (n=100)
The City of Portland	39%	47%
Clackamas County	24%	23%
Somewhere else in Washington County	20%	21%
Beaverton	8%	1%
Somewhere else in Multnomah County	5%	1%
Gresham or Wood Village	4%	7%
Somewhere else	<1%	--

Question asked:  
Q49. Do you live in...?

	Rent or Own – by Segment	
	General Population (n=601)	Metro Bin Purchasers (n=100)
Own	89%	96%
Rent	11%	4%
Refused	<1%	--

Question asked:  
Q50. Do you rent or own your home?

	Lived at Residence – by Segment	
	General Population (n=601)	Metro Bin Purchasers (n=100)
Under one year	11%	--
One to two years	16%	3%
Three to five years	16%	12%
Six to nine years	15%	15%
Ten or more years	42%	70%
Refused	<1%	--

Question asked:  
Q51B. How long have you lived at your current address?



	<b>People in Household – by Segment</b>	
	General Population (n=601)	Metro Bin Purchasers (n=100)
One	14%	14%
Two	39%	48%
Three	19%	20%
Four	20%	13%
Five or more	8%	4%
Refused	1%	1%

Question asked:  
Q51A. Including yourself and any children, how many people live in your household?

	<b>Age – by Segment</b>	
	General Population (n=601)	Metro Bin Purchasers (n=100)
Under 25	4%	--
25 to 34	15%	1%
35 to 44	21%	12%
45 to 54	26%	27%
55 to 64	18%	21%
65 or over	16%	39%
<i>Median age</i>	<i>49</i>	<i>60</i>
Refused	1%	--

Question asked:  
AGE. Which of the following categories best describes your age group?

	<b>Education – by Segment</b>	
	General Population (n=601)	Metro Bin Purchasers (n=100)
Less than HS	1%	--
HS grad	14%	14%
Some college	31%	26%
College grad – four year degree	34%	34%
Post graduate degree	19%	26%
Refused	2%	--

Question asked:  
Q52. What is the highest level of education you have had the opportunity to complete?

	<b>Income – by Segment</b>	
	General Population (n=601)	Metro Bin Purchasers (n=100)
\$25,000 or less	8%	11%
\$25,001 to \$50,000	24%	23%
\$50,001 to \$75,000	21%	18%
\$75,001 to \$100,000	14%	13%
\$100,001 or over	13%	7%
<i>Median Income</i>	~\$60K	~\$53K
Refused	19%	28%

Question asked:

Q54. Which of the following best describes your total annual household income before taxes?

	<b>Gender – by Segment</b>	
	General Population (n=601)	Metro Bin Purchasers (n=100)
Male	38%	41%
Female	62%	59%

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## ***Appendix***

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## **METRO**

### 2004 Home Composting Survey Questionnaire V5 – 12/17/04

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#### **QUOTAS**

Bin Owners (Own=1)

1995 (Year=1) n=25

1996 (Year=2) n=25

2000 (Year=3) n=25

2001 (Year=4) n=25

Non Owners (Own=2) n=600

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#### **INTRODUCTION**

##### **IF OWN=1, READ:**

Hello, this is \_\_\_\_\_ from Market Decisions Corporation. We're conducting a survey for Metro, the regional government responsible for solid waste management and recycling, and would like to include your household's opinions. May I speak with **[INSERT NAME FROM SAMPLE]** or another adult member of your household who is at least 18 years of age and shares in the responsibility of your home's yard debris or the disposal of your household's food scraps?

##### **PREQ0: → ONLY SHOW IF OWN=1**

INTERVIEWER: → IS NAME ON SAMPLE ACCURATE (DOES THE RESPONDENT KNOW OF THE PERSON WE ARE ASKING FOR)?

1 Yes → **SKIP TO PREQ1**

2 No

##### **IF OWN=2, READ:**

Hello, this is \_\_\_\_\_ from Market Decisions Corporation. We're conducting a survey for Metro, the regional government responsible for solid waste management and recycling, and would like to include your household's opinions. May I speak with an adult member of your household who is at least 18 years of age and shares in the responsibility of your home's yard debris or the disposal of your household's food scraps?

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#### **QUESTION BASE**

##### **Q0: → ASK IF OWN=1 AND PREQ0=2**

Do you have a black compost bin in your yard?

1 Yes

2 No → **SET OWN=2 AND SKIP TO Q1**

7 Don't know/Unsure → **SET OWN=2 AND SKIP TO Q1**

##### **PREQ1: → ASK IF OWN=1 AND PREQ0=1**

Do you recall purchasing a black compost bin from Metro? **[INTERVIEW NOTE: If Respondent says NO or DK, probe with – Just to confirm, you don't have a black compost bin in your yard or remember getting one in [IF YEAR=1, SHOW 1995, IF YEAR=2, SHOW 1996, IF YEAR=3, SHOW 2000, IF YEAR=4, SHOW 2001]**

1 Yes

2 No → **SET OWN=2 AND CONTINUE**

## Appendix A

7 Don't know/don't remember → **SET OWN=2 AND CONTINUE**

### Q1:

Before we begin, which of the following best describes the type of home you live in. . .**(READ LIST)**

- 11 Single-family house
- 12 Duplex
- 13 Triplex (apartment)
- 14 Fourplex (apartment)
- 15 Or more than four unit complex (apartment complex) → **TERMINATE**
- 16 **(DO NOT READ)** Mobile home
- 17 **(DO NOT READ)** Townhouse/Condo → **TERMINATE**
- 97 **(DO NOT READ)** Don't know → **TERMINATE**
- 98 **(DO NOT READ)** Refused → **TERMINATE**

### Q1A:

Which of the following best describes your lot size? **(READ LIST)**

- 11 Standard urban lot 50x100
- 12 Standard urban double lot, 100x100
- 13 Standard suburban lot, 7500 square feet
- 14 Half an acre or greater; or
- 99 Some other size
- 97 **(DO NOT READ)** Don't know
- 98 **(DO NOT READ)** Refuse

### Q2:

Do you have a yard?

- 1 Yes
- 2 No
- 7 Don't know
- 8 Refused

### Q3:

Do you have a lawn with grass?

- 1 Yes
- 2 No
- 7 Don't know
- 8 Refused

### Q4:

Do you have a garden?

- 1 Yes
- 2 No → **SKIP TO Q6**
- 7 Don't know → **SKIP TO Q6**
- 8 Refused → **SKIP TO Q6**

### Q5:

ONE RESPONSE ONLY!

Is that primarily for food, flowers or something else?

- 11 Food (Vegetable)
- 12 Flowers

## Appendix A

- 13 Food and Flowers
- 99 Something else **[ONLY USE IF NONE OF THE ABOVE]** (SPECIFY):
- 97 Don't know
- 98 Refused

### **Q6:**

Do you have trees on your property?

- 1 Yes
- 2 No
- 7 Don't know
- 8 Refused

### **Q6A:**

Do you have fallen leaves on your property?

- 1 Yes
- 2 No
- 7 Don't know
- 8 Refused

### **Q7:**

Now I have a few questions about what your household does with its yard debris. Does your household currently compost yard debris, such as grass, leaves, prunings and small branches? **[IF NO, ASK: Have you ever composted these in the past?]**

- 1 Yes, currently composting
- 2 Yes, composted in the past, but then stopped
- 3 Someone outside of the home takes care of it
- 4 No, never tried to compost
- 7 Don't know/Not sure
- 8 Refused

### **Q7A: → ASK IF OWN=1 AND Q7=1 OR 2**

**[IF Q7=1, READ: Are you presently using, or] Did you use your Metro bin to compost?**

- 1 Yes
- 2 No
- 7 Don't know → **SET OWN=2, CONTINUE AT Q10**
- 8 Refused → **SET OWN=2, CONTINUE AT Q10**

### **Q7AA: ← QUESTION ADDED DURING CALLBACKS**

We know you are not presently using your Metro bin to compost, but did you ever use your Metro bin to compost?

- 1 Yes
- 2 No
- 7 Don't know

### **Q7C. ← QUESTION ADDED DURING CALLBACKS**

Why did you stop composting with your Metro bin?

### **Q7B: → ASK IF OWN=1 AND Q7=4**

Why didn't you use your Metro bin to compost? (Question text changed per Steve's request – 12/13/04)

- 11 Couldn't figure out how to put the bin together

## Appendix A

- 12 Never got around to it
- 13 Decided not to compost/thought it would be too much work
- 99 Other (SPECIFY)

### **Q8: → ASK IF Q7=2**

Why did you stop composting your yard debris? **(PROBE AND CLARIFY)**

- 11 Bin fell apart
- 12 Bin too small for amount of yard debris/food scraps generated
- 13 Gave away bin
- 14 Moved and didn't take bin
- 15 Not enough space/no place to have it/no good place for it
- 16 Don't have a bin/barrel/equipment
- 17 Have yard debris pickup/recycle
- 18 Didn't seem to be working
- 19 Too much work/have to turn it
- 20 Don't have much to get rid of/no garden/lawn
- 21 Just moved in and haven't started yet
- 22 Don't know how to do it
- 23 Never thought of it
- 24 Use the garbage disposal
- 25 Feed it to the animals/chickens/dogs
- 26 Smell is bad
- 27 Attracts rats/raccoons/cats/bugs/flies
- 28 Not enough time/takes too much time
- 29 Too lazy/don't have the time/easier to just throw it away
- 30 Have too much to compost
- 31 Landlord/homeowners association may not allow it
- 32 Lawn maintenance crew handles it
- 33 Usually burn it
- 34 I moved so don't do it anymore
- 99 Other (SPECIFY)
- 97 Don't know/Not sure
- 98 Refused

### **Q9: → ASK IF OWN=2 AND Q7=4**

Is there a reason why you never compost your yard debris? **(PROBE AND CLARIFY)**

- 11 Not enough space/no place to have it/no good place for it
- 12 Don't have a bin/barrel/equipment
- 13 Have yard debris pickup/recycle
- 14 Didn't seem to be working
- 15 Too much work/have to turn it
- 16 Don't have much to get rid of/no garden/lawn
- 17 Just moved in and haven't started yet
- 18 Don't know how to do it
- 19 Never thought of it
- 20 Use the garbage disposal
- 21 Feed it to the animals/chickens/dogs
- 22 Smell is bad
- 23 Attracts rats/raccoons/cats/bugs/flies
- 24 Not enough time/takes too much time
- 25 Too lazy/don't have the time/easier to just throw it away
- 26 Have too much to compost
- 27 Landlord/homeowners association may not allow it
- 28 Lawn maintenance crew handles it

## Appendix A

- 29 Usually burn it
- 30 I moved so don't do it anymore
- 99 Other (SPECIFY)
- 97 Don't know/Not sure
- 98 Refused

### Q10:

Does your household currently compost any food scraps, such as fruit and vegetable trimmings, egg shells, or coffee grounds? **[IF NO, ASK: Have you ever composted any food scraps in the past?]**

- 1 Yes, currently composting
- 2 Yes, composed in the past, but then stopped
- 3 No, never tried to compost
- 7 Don't know/Not sure
- 8 Refused

### Q11: → ASK IF Q10=2

Why did you stop composting your food scraps? **(PROBE AND CLARIFY)**

- 11 Bin fell apart
- 12 Bin too small for amount of yard debris/food scraps generated
- 13 Gave away bin
- 14 Moved and didn't take bin
- 15 Not enough space/no place to have it/no good place for it
- 16 Don't have a bin/barrel/equipment
- 17 Have yard debris pickup/recycle
- 18 Didn't seem to be working
- 19 Too much work/have to turn it
- 20 Don't have much to get rid of/no garden/lawn
- 21 Just moved in and haven't started yet
- 22 Don't know how to do it
- 23 Never thought of it
- 24 Use the garbage disposal
- 25 Feed it to the animals/chickens/dogs
- 26 Smell is bad
- 27 Attracts rats/raccoons/cats/bugs/flies
- 28 Not enough time/takes too much time
- 29 Too lazy/don't have the time/easier to just throw it away
- 30 Have too much to compost
- 31 Landlord/homeowners association may not allow it
- 32 Lawn maintenance crew handles it
- 33 Usually burn it
- 34 I moved so don't do it anymore
- 99 Other (SPECIFY)
- 97 Don't know/Not sure
- 98 Refused

### Q12: → ASK IF Q10=3

Is there a reason why you never compost your food scraps? **(PROBE AND CLARIFY)**

- 11 Not enough space/no place to have it/no good place for it
- 12 Don't have a bin/barrel/equipment
- 13 Have yard debris pickup/recycle
- 14 Didn't seem to be working
- 15 Too much work/have to turn it
- 16 Don't have much to get rid of/no garden/lawn



## Appendix A

- 17 Just moved in and haven't started yet
- 18 Don't know how to do it
- 19 Never thought of it
- 20 Use the garbage disposal
- 21 Feed it to the animals/chickens/dogs
- 22 Smell is bad
- 23 Attracts rats/raccoons/cats/bugs/flies
- 24 Not enough time/takes too much time
- 25 Too lazy/don't have the time/easier to just throw it away
- 26 Have too much to compost
- 27 Landlord/homeowners association may not allow it
- 28 Lawn maintenance crew handles it
- 29 Usually burn it
- 30 I moved so don't do it anymore
- 99 Other (SPECIFY)
- 97 Don't know/Not sure
- 98 Refused

### **Q13: → ASK IF Q7=1**

Which of the following best describes the composting methods you use for your yard debris now? **(READ LIST / UP TO SEVEN MENTIONS)**

- 11 Use a bin purchased at Metro's truckload sale (i.e., Earth machine/Toro)
- 12 Bought a compost bin from a store
- 13 Made a compost bin or wire enclosure at home
- 14 Use the "pile it up" method
- 15 Bury it in the ground
- 16 A worm bin
- 17 Use it as mulch
- 18 **(DO NOT READ)** Burn it
- 19 **(DO NOT READ)** Compost bin, origin unknown
- 20 **(DO NOT READ)** Feed to animals/birds
- 99 **(DO NOT READ)** Other (SPECIFY)
- 97 **(DO NOT READ)** Don't know/Not sure
- 98 **(DO NOT READ)** Refused

### **Q13A: → ASK IF Q7=1 AND Q10=1**

Do you compost your food scraps and your yard debris together?

- 1 Yes
- 2 No
- 3 Sometimes
- 7 Don't know
- 8 Refused

### **Q13B: → ASK IF Q10=1**

Which of the following best describes the composting methods you use for your food scraps? **(READ LIST / UP TO SEVEN MENTIONS)**

- 11 Use a bin purchased at Metro's truckload sale (i.e., Earth machine/Toro)
- 12 Bought a compost bin from a store
- 13 Made a compost bin or wire enclosure at home
- 14 Use the "pile it up" method
- 15 Bury it in the ground
- 16 A worm bin
- 17 Use it as mulch

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- 18 **(DO NOT READ)** Burn it
- 19 **(DO NOT READ)** Compost bin, origin unknown
- 20 **(DO NOT READ)** Feed to animals/birds
- 99 **(DO NOT READ)** Other (SPECIFY)
- 97 **(DO NOT READ)** Don't know/Not sure
- 98 **(DO NOT READ)** Refused

### **Q13D: → ASK IF OWN=1 AND Q7A=1**

Thinking of the capacity, durability, ease of use and other features of your home compost bin. On a scale of 0 to 10, where 0 means "Not at all satisfied" and 10 means "Extremely satisfied" in all respects, how satisfied are you with the Metro compost bin (CLARIFY: This is not your yard debris container, but the actual bin used to compost)?

- 10 Extremely satisfied
- 9
- 8
- 7
- 6
- 5
- 4
- 3
- 2
- 1
- 0 Not at all satisfied

### **Q13E: → ASK IF Q13 RATING IS 8 OR LOWER**

**(IF Q7=2, READ:** Thinking about the bin you once used,) What features or aspects of using the bin lessened your satisfaction with its performance?

- 11 Bin fell apart
- 12 Too small for amount of yard debris/food scraps generated
- 13 Can't turn the compost easily
- 14 Rat/vector problems
- 15 Odor problems
- 16 Doesn't produce compost
- 99 Other (SPECIFY)
- 97 Don't know

## Appendix A

### Q14: → ASK IF Q7=1 OR Q10=1

How frequently do you stir or mix the materials in your compost? **(READ LIST)**

- 1 Weekly (or more often)
- 2 Monthly (include twice a month)
- 3 Infrequently
- 4 Or never
- 7 **(DO NOT READ)** Don't know/Not sure
- 8 **(DO NOT READ)** Refused

### Q14A: → ASK IF Q7=1 OR 2

**[IF Q7=1, READ:** How long have you been composting your yard debris? / **IF Q7=2, READ:** How long were you composting your yard debris before you stopped?]

#### RECORD \_\_\_\_\_ # OF YEARS

- 00 One year or less
- 97 Don't know
- 98 Refused

### Q14B: → ASK IF Q10=1 OR 2

**[IF Q10=1, READ:** How long have you been composting your food scraps? / **IF Q10=2, READ:** How long were you composting your food scraps before you stopped?]

#### RECORD \_\_\_\_\_ # OF YEARS

- 00 One year or less
- 97 Don't know
- 98 Refused

### Q15: → ASK IF Q6=1 OR Q6A=1

What ALL do you do with your fallen leaves or tree needles? PROBE: Anything else? **(READ LIST / PROBE AND CLARIFY / UP TO EIGHT MENTIONS)**

- 11 Dispose in regular garbage
- 12 Recycle at the curb in a yard debris container
- 13 Compost at home
- 14 Sweep out loose into street
- 15 Nothing, leave them where they fall
- 16 Haul to composting facility or transfer station
- 17 Lawn maintenance or someone outside of the home takes care of it
- 18 **(DO NOT READ)** Burn it
- 19 **(DO NOT READ)** Use as mulch/put in flower beds
- 20 **(DO NOT READ)** Stack them in a pile
- 99 **(DO NOT READ)** Something else (SPECIFY)
- 97 **(DO NOT READ)** Don't know/Not sure
- 98 **(DO NOT READ)** Refused
- 88 **(DO NOT READ)** Don't have any

**IF ONLY ONE CODE MENTIONED IN Q15 AND IT IS 11, CODE Q15A=5 (ALL) AND SKIP TO Q16**

**IF ONLY ONE CODE MENTIONED IN Q15 AND IT IS 12, CODE Q15B=5 (ALL) AND SKIP TO Q16**

**IF ONLY ONE CODE MENTIONED IN Q15 AND IT IS 13, CODE Q15C=5 (ALL) AND SKIP TO Q16**

**IF ONLY ONE CODE MENTIONED IN Q15 AND IT IS 14, CODE Q15D=5 (ALL) AND SKIP TO Q16**

**IF ONLY ONE CODE MENTIONED IN Q15 AND IT IS 15, CODE Q15E=5 (ALL) AND SKIP TO Q16**

**IF ONLY ONE CODE MENTIONED IN Q15 AND IT IS 16, CODE Q15F=5 (ALL) AND SKIP TO Q16**

**IF ONLY ONE CODE MENTIONED IN Q15 AND IT IS 17, CODE Q15G=5 (ALL) AND SKIP TO Q16**

**IF ONLY ONE CODE MENTIONED IN Q15 AND IT IS 99, CODE Q15H=5 (ALL) AND SKIP TO Q16**

## Appendix A

**FOR Q15A-Q15H, DO NOT SHOW CODE 5 (ALL) IF MORE THAN ONE CODE SELECTED IN Q15**

**Q15A: → ASK IF Q15=11**

Would you say some, half or most of your leaf debris is thrown into your regular garbage?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q15B: → ASK IF Q15=12**

Would you say some, half or most of your leaf debris is recycled at the curb in a yard debris container?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q15C: → ASK IF Q15=13**

Would you say some, half or most of your leaf debris is composted at home?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q15D: → ASK IF Q15=14**

Would you say some, half or most of your leaf debris is swept out loose into the street?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q15E: → ASK IF Q15=15**

Would you say you leave some, half or most of your leaf debris is left where it falls?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q15F: → ASK IF Q15=16**

Would you say you haul some, half or most of your leaf debris to a composting facility or transfer station?

## Appendix A

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

### **Q15G: → ASK IF Q15=17**

Does the person outside your home take care of some, half or most of your leaf debris?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

### **Q15H: → ASK IF Q15=99**

Would you say some, half, or most of your leaf debris is <q15:o>?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

### **Q16: → ASK IF Q3=1**

What ALL do you do with your grass clippings? PROBE: Anything else? (**PROBE AND CLARIFY / UP TO EIGHT MENTIONS**)

- 11 Dispose in regular garbage
- 12 Recycle at the curb in a yard debris container
- 13 Compost at home/Put in pile
- 14 Use for mulch in other areas
- 15 Use a mulching lawnmower and/or let grass clippings lie on lawn
- 16 Haul to a composting facility or transfer station
- 17 Lawn maintenance or someone outside the homes takes care of it
- 18 Burn it
- 19 Feed to animals
- 20 Dump/spread/pile somewhere else/over fence
- 99 Something else (SPECIFY)
- 97 Don't know/Not sure
- 98 Refused

**IF ONLY ONE CODE MENTIONED IN Q16 AND IT IS 11, CODE Q16A=5 (ALL) AND SKIP TO Q17**

**IF ONLY ONE CODE MENTIONED IN Q16 AND IT IS 12, CODE Q16B=5 (ALL) AND SKIP TO Q17**

**IF ONLY ONE CODE MENTIONED IN Q16 AND IT IS 13, CODE Q16C=5 (ALL) AND SKIP TO Q17**

**IF ONLY ONE CODE MENTIONED IN Q16 AND IT IS 14, CODE Q16D=5 (ALL) AND SKIP TO Q17**

**IF ONLY ONE CODE MENTIONED IN Q16 AND IT IS 15, CODE Q16E=5 (ALL) AND SKIP TO Q17**

**IF ONLY ONE CODE MENTIONED IN Q16 AND IT IS 17, CODE Q16F=5 (ALL) AND SKIP TO Q17**

**IF ONLY ONE CODE MENTIONED IN Q16 AND IT IS 16, CODE Q16G=5 (ALL) AND SKIP TO Q17**

**IF ONLY ONE CODE MENTIONED IN Q16 AND IT IS 99, CODE Q16H=5 (ALL) AND SKIP TO Q17**

**FOR Q16A-Q16H, DO NOT SHOW CODE 5 (ALL) IF MORE THAN ONE CODE SELECTED IN Q16**

## Appendix A

**Q16A: → ASK IF Q16=11**

Would you say some, half or most of your grass clippings are thrown into your garbage?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q16B: → ASK IF Q16=12**

Would you say some, half or most of your grass clippings are recycled at the curb in a yard debris container?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q16C: → ASK IF Q16=13**

Would you say some, half or most of your grass clippings are composted at home?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q16D: → ASK IF 16=14**

Would you say some, half or most of your grass clippings are used for mulch in other areas?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q16E: → ASK IF Q16=15**

Would you say some, half or most of your grass clippings are left where they lie after being cut?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q16F: → ASK IF Q16=17**

Would you say some, half or most of your grass clippings are taken care of by someone outside of the home or landscape service?

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- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

### **Q16G: → ASK IF Q16=16**

Would you say you haul some, half or most of your grass clippings to a compost facility or transfer station?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

### **Q16H: → ASK IF Q16=99**

Would you say some, half or most of your grass clippings are<q16:o>?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

### **Q17:**

What ALL do you do with your brush waste, such as twigs and prunings? PROBE: Anything else?  
**(PROBE AND CLARIFY / UP TO EIGHT MENTIONS)**

- 11 Dispose in regular garbage
- 12 Recycle at the curb in a yard debris container
- 13 Compost at home/Put in pile
- 14 Use a chipper to make chips
- 15 Just let it lie where it is
- 16 Haul to a compost facility or transfer station
- 17 Burn brush waste
- 18 Landscaping service or someone outside of the home takes care of it
- 19 Take somewhere else to dump/spread/mulch
- 99 Something else (SPECIFY:)
- 97 Don't know/Not sure
- 98 Refused
- 88 Doesn't have any brush waste

**IF ONLY ONE CODE MENTIONED IN Q17 AND IT IS 11, CODE Q17A=5 (ALL) AND SKIP TO Q18**  
**IF ONLY ONE CODE MENTIONED IN Q17 AND IT IS 12, CODE Q17B=5 (ALL) AND SKIP TO Q18**  
**IF ONLY ONE CODE MENTIONED IN Q17 AND IT IS 13, CODE Q17C=5 (ALL) AND SKIP TO Q18**  
**IF ONLY ONE CODE MENTIONED IN Q17 AND IT IS 14, CODE Q17D=5 (ALL) AND SKIP TO Q18**  
**IF ONLY ONE CODE MENTIONED IN Q17 AND IT IS 16, CODE Q17E=5 (ALL) AND SKIP TO Q18**  
**IF ONLY ONE CODE MENTIONED IN Q17 AND IT IS 15, CODE Q17F=5 (ALL) AND SKIP TO Q18**  
**IF ONLY ONE CODE MENTIONED IN Q17 AND IT IS 17, CODE Q17G=5 (ALL) AND SKIP TO Q18**  
**IF ONLY ONE CODE MENTIONED IN Q17 AND IT IS 18, CODE Q17H=5 (ALL) AND SKIP TO Q18**  
**IF ONLY ONE CODE MENTIONED IN Q17 AND IT IS 99, CODE Q17I=5 (ALL) AND SKIP TO Q18**

## Appendix A

**FOR Q17A-Q17I, DO NOT SHOW CODE 5 (ALL) IF MORE THAN ONE CODE SELECTED IN Q17**

**Q17A: → ASK IF Q17=11**

Would you say some, half or most of your brush waste is thrown into your regular garbage?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q17B: → ASK IF Q17=12**

Would you say some, half or most of your brush waste is recycled at the curb in a yard debris container?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q17C: → ASK IF Q17=13**

Would you say some, half or most of your brush waste is composted at home?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q17D: → ASK IF Q17=14**

Would you say some, half or most of your brush waste is made into chips?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q17E: → ASK IF Q17=16**

Would you say you haul some, half or most of your brush waste to a compost facility or transfer station?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q17F: → ASK IF Q17=15**

Would you say some, half or most of your brush waste is left lying where it is?



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- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

### **Q17G: → ASK IF Q17=17**

Would you say you burn some, half or most of your brush waste?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

### **Q17H: → ASK IF Q17=18**

Would you say some, half or most of your brush waste is taken care of by someone outside of the home or a landscaping service?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

### **Q17I: → ASK IF Q17=99**

Would you say some, half or most of your brush waste is<q17:o>?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

### **Q18: → ASK IF Q4=1**

What ALL do you do with your plant and garden waste? PROBE: Anything else? **(PROBE AND CLARIFY / UP TO EIGHT MENTIONS)**

- 11 Dispose in regular garbage
- 12 Recycle at the curb in a yard debris container
- 13 Compost at home/Put in pile
- 14 Use a chipper to make chips
- 15 Just let it lie where it is
- 16 Haul to a compost facility or transfer station
- 17 Burn plant/garden waste
- 18 Landscaping service or someone outside of the home takes care of it
- 19 Give to animals
- 20 Tilled back into soil
- 21 Mulch
- 99 Something else (SPECIFY)
- 97 Don't know/Not sure
- 98 Refused

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88 Doesn't have any plant or garden waste

**IF ONLY ONE CODE MENTIONED IN Q18 AND IT IS 11, CODE Q18A=5 (ALL) AND SKIP TO Q19**  
**IF ONLY ONE CODE MENTIONED IN Q18 AND IT IS 12, CODE Q18B=5 (ALL) AND SKIP TO Q19**  
**IF ONLY ONE CODE MENTIONED IN Q18 AND IT IS 13, CODE Q18C=5 (ALL) AND SKIP TO Q19**  
**IF ONLY ONE CODE MENTIONED IN Q18 AND IT IS 14, CODE Q18D=5 (ALL) AND SKIP TO Q19**  
**IF ONLY ONE CODE MENTIONED IN Q18 AND IT IS 16, CODE Q18E=5 (ALL) AND SKIP TO Q19**  
**IF ONLY ONE CODE MENTIONED IN Q18 AND IT IS 15, CODE Q18F=5 (ALL) AND SKIP TO Q19**  
**IF ONLY ONE CODE MENTIONED IN Q18 AND IT IS 17, CODE Q18G=5 (ALL) AND SKIP TO Q19**  
**IF ONLY ONE CODE MENTIONED IN Q18 AND IT IS 18, CODE Q18H=5 (ALL) AND SKIP TO Q19**  
**IF ONLY ONE CODE MENTIONED IN Q18 AND IT IS 99, CODE Q18I=5 (ALL) AND SKIP TO Q19**

**FOR Q18A-Q18I, DO NOT SHOW CODE 5 (ALL) IF MORE THAN ONE CODE SELECTED IN Q18**

**Q18A: → ASK IF Q18=11**

Would you say some, half or most of your plant or garden waste is thrown into your regular garbage?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q18B: → ASK IF Q18=12**

Would you say some, half or most of your plant or garden waste is recycled at the curb in a yard debris container?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q18C: → ASK IF Q18=13**

Would you say some, half or most of your plant or garden waste is composted at home?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q18D: → ASK IF Q18=14**

Would you say some, half or most of your plant or garden waste is made into chips?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q18E: → ASK IF Q18=16**

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Would you say you haul some, half or most of your plant or garden waste to a compost facility or transfer station?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q18F: → ASK IF Q18=15**

Would you say some, half or most of your plant or garden waste is left lying where it is?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q18G: → ASK IF Q18=17**

Would you say you burn some, half or most of your plant or garden waste?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q18H: → ASK IF Q18=18**

Would you say some, half or most of your plant or garden waste is taken care of by someone outside of the home or a landscaping service?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q18I: → ASK IF Q18=99**

Would you say some, half or most of your plant or garden waste is<q18:o>?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q19:**

Which of the following best describes your yard debris collection service - HOW OFTEN IT IS AVAILABLE, not how often you use it. . . **(READ LIST)**

- 11 One standard size can or paper sack PER WEEK (32 or 35-gallon)

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- 12 One standard size can or paper sack EVERY OTHER WEEK (32 or 35-gallon can)
- 13 One extra large size can or cart PER WEEK (60 or 90 gallon)
- 14 Or one extra large size can or cart EVERY OTHER WEEK (60 or 90 gallon)
- 15 **(DO NOT READ)** Once a month or less
- 99 **(DO NOT READ)** No service/Exempted/Self haul Other (SPECIFY)
- 97 **(DO NOT READ)** Don't know
- 98 **(DO NOT READ)** Refused

### **Q19A: → ASK IF Q19=11, 12, 13, 14 OR 15**

How often do you put out your yard debris containers for your regularly scheduled collection in the spring and fall? **(READ LIST)**

- 1 Some of the time
- 2 Half of the time
- 3 Most of the time
- 4 Or all of the time
- 5 **(DO NOT READ)** Never
- 7 **(DO NOT READ)** Don't know
- 8 **(DO NOT READ)** Refused

### **Q20: → ASK IF Q10=1**

**[IF Q7=1, READ:** Now that we have talked about composting outside materials, we want to shift our focus inside to the kitchen.] Which of the following materials do you compost with your food scraps? **(READ LIST / PROBE AND CLARIFY / UP TO NINE MENTIONS)**

- 11 Fruit trimmings
- 12 Vegetable trimmings
- 13 Plate scrapings
- 14 Bread and grains
- 15 Eggshells
- 16 Coffee grounds or tea bags
- 17 Fish
- 18 Meat
- 19 Dairy products (i.e. cheese, milk)
- 97 **(DO NOT READ)** Don't know/Not sure
- 98 **(DO NOT READ)** Refused

### **Q22:**

What ALL do you do with your food scraps? **PROBE:** Anything else? **(PROBE AND CLARIFY / UP TO SIX MENTIONS)**

- 11 Dispose in regular garbage → **PROBE:** Do you put any of it down the garbage disposal or drain?
- 12 Put down the garbage disposal or drain
- 13 Compost at home
- 14 Put in a worm bin
- 15 Feed to animals
- 16 Not enough debris to compost
- 17 Burn it
- 99 Other (SPECIFY)
- 97 Don't know/Not sure
- 98 Refused

**IF ONLY ONE CODE MENTIONED IN Q22 AND IT IS 11, CODE Q23A=5 (ALL) AND SKIP TO Q24**

## Appendix A

**IF ONLY ONE CODE MENTIONED IN Q22 AND IT IS 12, CODE Q23B=5 (ALL) AND SKIP TO Q24**  
**IF ONLY ONE CODE MENTIONED IN Q22 AND IT IS 13, CODE Q23C=5 (ALL) AND SKIP TO Q24**  
**IF ONLY ONE CODE MENTIONED IN Q22 AND IT IS 14, CODE Q23D=5 (ALL) AND SKIP TO Q24**  
**IF ONLY ONE CODE MENTIONED IN Q22 AND IT IS 15, CODE Q23E=5 (ALL) AND SKIP TO Q24**  
**IF ONLY ONE CODE MENTIONED IN Q22 AND IT IS 99, CODE Q23F=5 (ALL) AND SKIP TO Q24**

**FOR Q23A-Q23F, DO NOT SHOW CODE 5 (ALL) IF MORE THAN ONE CODE SELECTED IN Q22**

**Q23A: → ASK IF Q22=11**

Would you say some, half or most of your food scraps are disposed with your regular garbage?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q23B: → ASK IF Q22=12**

Would you say some, half or most of your food scraps are . . .  
Put down the garbage disposal or drain?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

**Q23C: → ASK IF Q22=13**

Would you say some, half or most of your food scraps are . . .  
Composted at home?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

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### **Q23D: → ASK IF Q22=14**

Would you say some, half or most of your food scraps are. . .  
Put in a worm bin?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

### **Q23E: → ASK IF Q22=15**

Would you say some, half or most of your food scraps are. . .  
Fed to animals?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

### **Q23F: → ASK IF Q22=99**

Would you say some, half or most of your food scraps are. . . <q22:o>?

- 5 All
- 1 Some
- 2 Half
- 3 Most
- 7 Don't know/Not sure
- 8 Refused

### **Q24: → ASK IF Q7=1 OR Q10=1**

Other than yard debris [**IF Q7=1 AND Q10=1:** and / **ELSE:** or] food scraps, are there any other materials that you regularly compost such as paper napkins? [**IF YES: PROBE TO FIT SPECIFIC CODES / UP TO THREE MENTIONS**]

- 11 Pet waste
- 12 Any paper (e.g. paper towels and tissues, newspaper and junk mail)
- 99 Other (SPECIFY):
- 88 None of the above – DON'T COMPOST OTHER MATERIALS
- 97 Don't know/Not sure
- 98 Refused

### **Q32: → ASK IF Q7=2, 3, 4, 7 OR 8 AND Q10=2, 3, 7 OR 8**

In general, how appealing is the idea of collecting certain types of yard trimmings and food scraps for making compost at home to use on your garden or lawn? Would you say... (**READ LIST**)

- 4 Very appealing
- 3 Somewhat appealing
- 2 Not very appealing → **SKIP TO Q42**
- 1 Not at all appealing → **SKIP TO Q42**
- 7 Don't know/Refused

### **Q36:**

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Would you be interested in purchasing **[IF OWN=1 OR Q13=11 OR 12 OR Q13B=11 OR 12: another / IF OWN=2: a]** composting bin at a reasonable price sometime in the next 2 years?

- 1 Yes
- 2 No
- 3 Maybe
- 7 Don't know
- 8 Refused

### PREQ37:

Metro has sold almost 90,000 Earth Machine home compost bins since 1994. The bin has a retail value of \$70 although Metro has been able to sell them at a discounted price. A 1998 survey of bin owners indicated that more than 90% were still using their bin. The average bin owner turns the compost every few months or annually. You can handle yard trimmings and food scraps in the bins. It comes with educational material.

### Q37A:

**[IF OWN=1 AND Q36=1, READ:** Thinking about the purchase of another home composting bin or a replacement bin...

**IF OWN=1 OR 2 AND Q36=2, 3, 7 OR 8, READ:** For the following few questions, please assume you are in the market for a new home composting bin...**[IF OWN=1, READ:** Please take into consideration your experience with your current composting bin]

**IF OWN=2 AND Q36=1, READ:** Thinking about the purchase of a home composting bin...

At what price would it just start to feel that a composting bin from Metro is too expensive and you would not consider purchasing it?

**RECORD** \_\_\_\_\_ \$

- 997 Don't know
- 998 Refused

### Q37B:

At what price would it just start to feel that a composting bin from Metro is too inexpensive and you would have concerns about its quality or effectiveness?

**RECORD** \_\_\_\_\_ \$

- 997 Don't know
- 998 Refused

**IF Q36=2, SKIP TO Q38**

### Q37C:

How likely are you to purchase a home composting bin in the next two years if the retail price was \$45? Would you say you are...**(READ LIST)**

- 5 Definitely likely → **SKIP TO Q38**
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure

### Q37D:

How likely are you to purchase a home composting bin in the next two years if the retail price was \$35? Would you say you are...**(READ LIST)**

## Appendix A

- 5 Definitely likely → **SKIP TO Q38**
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure



## Appendix A

### Q37E:

How likely are you to purchase a home composting bin in the next two years if the retail price was \$25?  
Would you say you are...(READ LIST)

- 5 Definitely likely → **SKIP TO Q38**
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure

### Q37F:

How likely are you to purchase a home composting bin in the next two years if the retail price was \$20?  
Would you say you are...(READ LIST)

- 5 Definitely likely → **SKIP TO Q38**
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure

### Q37G:

How likely are you to purchase a home composting bin in the next two years if the retail price was \$15?  
Would you say you are...(READ LIST)

- 5 Definitely likely → **SKIP TO Q38**
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure

### Q38:

Do you think Metro and local government should subsidize the cost of compost bins to encourage households to compost at their homes?

- 1 Yes
- 2 Maybe/Depends
- 3 No
- 7 Don't know

### ROTATE QUESTIONS Q39-Q39I

### Q39:

How likely would you be to buy a bin if it was delivered to your house?  
Would you say you would be ...(READ LIST)

- 5 Definitely likely
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure

## Appendix A

### Q39A:

How likely would you be to buy a bin if you had to drive 15 minutes or 10 miles to pick it up?  
Would you say you would be ...**(READ LIST)**

- 5 Definitely likely
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure

### Q39B:

How likely would you be to buy a bin if it were available for purchase only on one or two weekends?  
Would you say you would be ...**(READ LIST)**

- 5 Definitely likely
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure

### Q39C:

How likely would you be to buy a bin if it were available for purchase on a combination of weekday evenings and weekend days during one or two weeks during the year?  
Would you say you would be ...**(READ LIST)**

- 5 Definitely likely
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure

### Q39D:

How likely would you be to buy a bin if it you had to call Metro ahead of time to reserve it (and then would have to pick it up at a designated time in the future)? Would you say you would be ...**(READ LIST)**

- 5 Definitely likely
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure

### Q39E:

Would you be more likely to purchase a bin for \$35 at an annual truckload sale or \$60 at your local nursery and home improvement store?

- 1 \$35 at annual truckload sale
- 2 \$60 at local nursery or home improvement store
- 3 Neither
- 7 Don't know/unsure

### Q39F:

How likely would you be to buy a bin if it were sold only through nurseries and home improvement stores?

## Appendix A

Would you say you would be...(READ LIST)

- 5 Definitely likely
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure

### Q39G:

How likely would you be to buy a bin if it were available through your neighborhood association?  
Would you say you would be...(READ LIST)

- 5 Definitely likely
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure

### Q39H:

How likely would you be to buy a bin if it were available for purchase through Metro's website and could be picked up at a central location? Would you say you would be...(READ LIST)

- 5 Definitely likely
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure

### Q39I:

How likely would you be to buy a bin if it was supported with an email newsletter on proper usage?  
Would you say you would be...(READ LIST)

- 5 Definitely likely
- 4 Very likely
- 3 Somewhat likely
- 2 Not too likely
- 1 Not at all likely
- 7 **(DO NOT READ)** Don't know/unsure

### Q42:

About half the households in the region practice backyard composting, which reduces the amount of leaves, grass and brush that they set out for collection. However, all household garbage bills include a fee for the same level of curbside collection of yard trimmings whether households compost in their backyard or not. Would you support a 1% increase in garbage rates (cap up to \$0.20 per month) for all households to have the potential to receive a free home compost bin?

- 1 Yes
- 2 No
- 7 Don't know
- 8 Refused

### Q43:

## Appendix A

In the last year, do you remember receiving any information about a sale on two consecutive Saturdays of home compost bins sponsored by Metro and local governments at various locations throughout the region? (It was conducted on two consecutive Saturdays in May)

- 1 Yes
- 2 No
- 7 Don't know
- 8 Refused

### **Q43A: → ASK IF Q43=1**

How did you hear about it?

- 11 Oregonian article or print ad (**INT NOTE:** probe to see if it was a die cut flyer in shape of compost bin and use code 13 appropriately)
- 12 Oregonian Home and Garden section
- 13 Oregonian **flyer/insert in the SHAPE of a compost bin**
- 14 Community newspaper article or print ad (**INT NOTE:** probe to see if it was a die cut flyer in shape of compost bin and use code 15 appropriately)
- 15 Community newspaper **flyer/insert in the shape of a compost bin**
- 16 Willamette Week
- 17 Postcard
- 18 Word of mouth
- 99 Other (SPECIFY)
- 97 Don't remember
- 98 Refused

### **Q43B:**

In the last year, have you been a subscriber to the daily Oregonian (as opposed to Sunday-only subscribers)?

- 1 Yes
- 2 No
- 7 Not sure
- 8 Refused

### **Q43CA:**

What would be the one best way to notify you of a sale of home compost bins? (**CLARIFY / SINGLE MENTION**)

- 12 Direct mail (post card or flyer)
- 13 Garbage bill
- 14 Newsletter from local government
- 15 Newsletter from neighborhood association
- 16 Newspaper Home and Garden
- 17 Newspaper article or ad
- 18 Radio
- 19 TV
- 20 Information at nurseries and home improvement stores
- 21 Newspaper **Flyer/insert in the shape of a compost bin**
- 99 Other (SPECIFY)

### **Q43CB:**

What is the second best option to reach you about a home compost bin sale? (**CLARIFY / EXCLUDE Q43CA MENTIONS / SINGLE MENTION**)

- 12 Direct mail (post card or flyer)

## Appendix A

- 13 Garbage bill
- 14 Newsletter from local government
- 15 Newsletter from neighborhood association
- 16 Newspaper Home and Garden
- 17 Newspaper article or ad
- 18 Radio
- 19 TV
- 20 Information at nurseries and home improvement stores
- 21 Newspaper **Flyer/insert in the shape of a compost bin**
- 99 Other (SPECIFY)
- 97 Don't Know/Unsure
- 88 No other options

### Q44:

Which of the following best describes your household's level of garbage service. . . **(READ LIST)**

- 11 One small size mini-can per WEEK (20-gallon)
- 12 One standard size can per WEEK (32 or 35-gallon)
- 13 One or more extra large cans or carts per week (60 or 90-gallon)
- 14 One standard size can per MONTH (32-gallon)
- 15 Two or more standard cans per WEEK (32 or 35-gallon)
- 16 On-call service for standard size can (32-gallon)
- 17 Or do you haul garbage yourself
- 18 **(DO NOT READ)** No service/Don't use service
- 99 **(DO NOT READ)** Other (SPECIFY)
- 97 **(DO NOT READ)** Don't know/Not sure
- 98 **(DO NOT READ)** Refused

### Q45:

Do you currently participate in your city's curbside recycling collection program for paper, glass, metal and plastics?

- 1 Yes
- 2 No, don't have curbside recycling service (self haul my garbage so I don't have recycling service)
- 3 No, have service, but don't participate
- 7 Don't know
- 8 Refused

### Q46:

If food scraps could be mixed with yard trimmings and set out at the curb for (DISPLAY IN RED: **weekly**) collection, how interested would your household be in separating out its food scrap and compostable paper to participate in such a service? Please use a scale of 1 to 5, where 1 means "Not all interested" and 5 means "Definitely interested."

- 5 Definitely interested
- 4
- 3
- 2
- 1 Not at all interested
- 7 Don't know/unsure

### Q47: → ASK IF Q3=1 OR Q4=1

Do you buy compost to use on your garden or lawn...**(READ LIST)**

- 1 Several times a year
- 2 Annually

## Appendix A

- 3 Less than once a year; or
- 4 Never
- 8 Refused

### **Q48A: → ASK IF Q3=1**

Have you treated your lawn with a non-organic weed and feed (fertilizer with chemical herbicide) mix in the past year?

- 1 Yes, by someone in the household
- 2 Yes, by a professional lawn service
- 3 Yes, both
- 4 No
- 7 Don't know

### **Q48B: → ASK IF Q48A=1,2 OR 3**

How frequently do you treat your lawn with weed and feed?

- 1 1x per year
- 2 2x per year
- 3 3 or more times per year
- 7 Don't know

### **Q49:**

Now just some questions for classification purposes. Do you live in . . . **(READ LIST)**

- 11 The City of Portland
- 12 Gresham or Wood Village
- 13 Somewhere else in Multnomah County
- 14 Clackamas County
- 15 Beaverton
- 16 Or somewhere else in Washington County?
- 99 **(DO NOT READ)** Somewhere else (SPECIFY)
- 97 **(DO NOT READ)** Don't know
- 98 **(DO NOT READ)** Refused

### **Q50:**

Do you rent or own your home?

- 1 Rent
- 2 Own
- 8 Refused

### **AGE:**

Which of the following categories best describes your age group? **(READ LIST)**

- 1 Under 25
- 2 25 to 34
- 3 35 to 44
- 4 45 to 54
- 5 55 to 64
- 6 Or 65 or over
- 8 Refused

### **Q51A:**

Including yourself and any children, how many people live in your household?

## Appendix A

- 1 One
- 2 Two
- 3 Three
- 4 Four
- 5 Five or more
- 8 Refused

### **Q51B:**

How long have you lived at your current address?

- 1 Under 1 year
- 2 1-2 years
- 3 3-5 years
- 4 6-9 years
- 5 10 or more years
- 8 Refused

### **Q51C: → ASK IF Q51B=1 OR 2**

Where was your previous residence? **(READ LIST)**

- 1 Within Metro region (Clackamas Co, Multnomah Co, Washington Co)
- 2 Outside Metro region, but within Oregon
- 3 Different state or abroad
- 8 Refused

### **Q52:**

What is the highest level of education you have had the opportunity to complete?

- 1 Less than high school
- 2 High school graduate (GED)
- 3 Some college
- 4 College graduate - 4 year
- 5 Post graduate degree
- 8 Refused

### **Q54:**

Which of the following best describes your total annual household income before taxes...**(READ LIST)**

- 1 \$25,000 or less
- 2 \$25,001 to \$50,000
- 3 \$50,001 to \$75,000
- 4 \$75,001 to \$100,000
- 5 Or \$100,001 or over
- 8 Refused

### **BB1: ← QUESTION ADDED DURING CALLBACKS**

Were you composting before you purchased your Metro compost bin?

- 1 Yes
- 2 No
- 7 Don't know/Unsure

### **RECORD GENDER**

- 1 Male
- 2 Female

## Appendix A

Capture name and confirm phone number.

That concludes my questions. Thank you very much for your time and cooperation.



## Appendix B

### **METRO**

#### 2004 Home Composting Survey – General Population

Final Frequency Report

February 7, 2005

#### **SEG:**

Segment from sample

N = .....	601	100%
Gen Pop.....	601	100%

#### **PQ0:**

INTERVIEWER: --> IS NAME ON SAMPLE ACCURATE (DOES THE RESPONDENT KNOW OF THE PERSON WE ARE ASKING FOR)?

N = .....	10	100%
Yes --> SKIP TO PREQ1 .....	8	80%
No.....	2	20%

#### **Q0:**

Q0. Do you have a black compost bin in your yard?

N = .....	2	100%
Yes.....	0	0%
No --> SET OWN=2 AND SKIP TO Q1 .....	2	100%
Don't know/Unsure --> SET OWN=2 AND SKIP TO Q1 .....	0	0%

#### **PQ1:**

PQ1. Do you recall purchasing a black compost bin from Metro? [INTERVIEW NOTE: If Respondent says NO or DK, probe with - Just to confirm, you don't have a black compost bin in your yard or remember getting one in<SEG>?]

N = .....	8	100%
Yes.....	0	0%
No --> SET OWN=2 AND CONTINUE.....	8	100%
Don't know/don't remember --> SET OWN=2 AND CONTINUE.....	0	0%

#### **Q1:**

Q1. Before we begin, which of the following best describes the type of home you live in. . .

N = .....	601	100%
Single-family house .....	571	95%
Duplex.....	18	3%
Triplex (apartment) .....	0	0%
Fourplex (apartment).....	6	1%
Or more than four unit complex (apartment complex)--> TERMINATE.....	0	0%
(DO NOT READ) Mobile home.....	6	1%
(DO NOT READ) Townhouse/Condo --> TERMINATE .....	0	0%
(DO NOT READ) Don't know --> TERMINATE.....	0	0%
(DO NOT READ) Refused --> TERMINATE .....	0	0%

## Appendix B

### Q1A:

Q1A. Which of the following best describes your lot size?

N = .....	601	100%
Standard urban lot 50x100.....	248	41%
Standard urban double lot, 100x100 .....	99	16%
Standard suburban lot, 7500 square feet.....	62	10%
Half an acre or greater; or.....	121	20%
Some other size.....	38	6%
(DO NOT READ) Don't know .....	33	5%
(DO NOT READ) Refuse.....	0	0%

### Q2:

Q2. Do you have a yard?

N = .....	601	100%
Yes.....	590	98%
No.....	11	2%
Don't know.....	0	0%
Refused .....	0	0%

### Q3:

Q3. Do you have a lawn with grass?

N = .....	601	100%
Yes.....	538	90%
No.....	63	10%
Don't know.....	0	0%
Refused .....	0	0%

### Q4:

Q4. Do you have a garden?

N = .....	601	100%
Yes.....	372	62%
No --> SKIP TO Q6 .....	229	38%
Don't know --> SKIP TO Q6.....	0	0%
Refused --> SKIP TO Q6.....	0	0%

### Q5:

Q5. Is that primarily for food, flowers or something else?

N = .....	372	100%
Food (Vegetable).....	80	22%
Flowers.....	127	34%
Food and Flowers.....	152	41%
Something else [ONLY USE IF NONE OF THE ABOVE] (SPECIFY): .....	13	3%
Don't know.....	0	0%
Refused .....	0	0%

## Appendix B

### Q6:

Q6. Do you have trees on your property?

N = .....	601	100%
Yes.....	563	94%
No.....	38	6%
Don't know.....	0	0%
Refused.....	0	0%

### Q6A:

Q6A. Do you have fallen leaves on your property?

N = .....	601	100%
Yes.....	539	90%
No.....	61	10%
Don't know.....	1	<1%
Refused.....	0	0%

### Q7:

Q7. Now I have a few questions about what your household does with its yard debris. Does your household currently compost yard debris, such as grass, leaves, prunings and small branches? [IF NO, ASK: Have you ever composted these in the past?]

N = .....	601	100%
Yes, currently composting.....	292	49%
Yes, composted in the past, but then stopped.....	28	5%
Someone outside of the home takes care of it.....	25	4%
No, never tried to compost.....	252	42%
Don't know/Not sure .....	4	1%
Refused.....	0	0%

### Q7A:

Q7A. (Are you presently using/Did you use) your Metro bin to compost?

N = .....	0	100%
Yes.....	0	0%
No.....	0	0%
Don't know --> SET OWN=2, CONTINUE AT Q10.....	0	0%
Refused --> SET OWN=2, CONTINUE AT Q10.....	0	0%

### Q7AA:

Q7AA. We know you're not presently using your Metro bin to compost, but did you ever use your Metro bin to compost?

N = .....	0	100%
Yes.....	0	0%
No.....	0	0%
DK.....	0	0%

### Q7C:

Q7C. Why did you stop composting with your Metro bin?

N = .....	0	100%
Other.....	0	0%
dk.....	0	0%

## Appendix B

### Q7B:

Q7B. Why didn't you use your Metro bin to compost?

N = .....	0	100%
Couldn't figure out how to put the bin together.....	0	0%
Never got around to it.....	0	0%
Decided not to compost/thought it would be too much work.....	0	0%
Other (SPECIFY) .....	0	0%

---

### Q8:

Q8. Why did you stop composting your yard debris?

N = .....	28	100%
Bin fell apart.....	0	0%
Bin too small for amount of yard debris/food scraps generated.....	0	0%
Gave away bin.....	0	0%
Moved and didn't take bin.....	7	25%
Not enough space/no place to have it/no good place for it.....	7	25%
Don't have a bin/barrel/equipment .....	2	7%
Have yard debris pickup/recycle .....	0	0%
Didn't seem to be working .....	2	7%
Too much work/have to turn it.....	3	11%
Don't have much to get rid of/no garden/lawn .....	5	18%
Just moved in and haven't started yet.....	4	14%
Don't know how to do it.....	0	0%
Never thought of it .....	0	0%
Use the garbage disposal.....	0	0%
Feed it to the animals/chickens/dogs.....	1	4%
Smell is bad.....	1	4%
Attracts rats/raccoons/cats/bugs/flies.....	3	11%
Not enough time/takes too much time .....	1	4%
Too lazy/don't have the time/easier to just throw it away .....	1	4%
Have too much to compost.....	0	0%
Landlord/homeowners association may not allow it.....	2	7%
Lawn maintenance crew handles it.....	0	0%
Usually burn it .....	0	0%
I moved so don't do it anymore.....	1	4%
Other (SPECIFY) .....	1	4%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

---

## Appendix B

### Q9:

Q9. Is there a reason why you never compost your yard debris?

N = .....	252	100%
Not enough space/no place to have it/no good place for it.....	37	15%
Don't have a bin/barrel/equipment .....	16	6%
Have yard debris pickup/recycle .....	70	28%
Didn't seem to be working .....	1	<1%
Too much work/have to turn it.....	10	4%
Don't have much to get rid of/no garden/lawn .....	19	8%
Just moved in and haven't started yet.....	5	2%
Don't know how to do it.....	23	9%
Give it to others (neighbors, etc.).....	7	3%
Never thought of it .....	6	2%
Use the garbage disposal.....	2	1%
Feed it to the animals/chickens/dogs.....	0	0%
Smell is bad.....	4	2%
Attracts rats/raccoons/cats/bugs/flies.....	2	1%
Not enough time/takes too much time .....	20	8%
Too lazy/don't have the time/easier to just throw it away .....	19	8%
Have too much to compost.....	4	2%
Landlord/homeowners association may not allow it.....	3	1%
Lawn maintenance crew handles it .....	17	7%
Usually burn it .....	10	4%
I moved so don't do it anymore.....	3	1%
Use mulching lawnmower .....	8	3%
No desire .....	4	2%
No reason.....	1	<1%
Other (SPECIFY) .....	7	3%
Don't know/Not sure .....	6	2%
Refused .....	1	<1%

### Q10:

Q10. Does your household currently compost any food scraps, such as fruit and vegetable trimmings, egg shells, or coffee grounds? [IF NO, ASK: Have you ever composted any food scraps in the past?]

N = .....	601	100%
Yes, currently composting .....	181	30%
Yes, composted in the past, but then stopped.....	50	8%
No, never tried to compost.....	367	61%
Don't know/Not sure .....	3	<1%
Refused .....	0	0%

## Appendix B

### Q11:

Q11. Why did you stop composting your food scraps?

N = .....	50	100%
Bin fell apart .....	0	0%
Bin too small for amount of yard debris/food scraps generated.....	1	2%
Gave away bin .....	0	0%
Moved and didn't take bin.....	3	6%
Not enough space/no place to have it/no good place for it.....	9	18%
Don't have a bin/barrel/equipment .....	3	6%
Have yard debris pickup/recycle .....	1	2%
Didn't seem to be working .....	2	4%
Too much work/have to turn it.....	6	12%
Don't have much to get rid of/no garden/lawn .....	2	4%
Just moved in and haven't started yet.....	7	14%
Don't know how to do it.....	3	6%
Never thought of it .....	0	0%
Use the garbage disposal.....	1	2%
Feed it to the animals/chickens/dogs.....	2	4%
Smell is bad.....	2	4%
Attracts rats/raccoons/cats/bugs/flies.....	7	14%
Not enough time/takes too much time .....	3	6%
Too lazy/don't have the time/easier to just throw it away .....	3	6%
Have too much to compost.....	0	0%
Landlord/homeowners association may not allow it.....	1	2%
Lawn maintenance crew handles it .....	1	2%
Usually burn it .....	0	0%
I moved so don't do it anymore.....	5	10%
Other (SPECIFY) .....	6	12%
Don't know/Not sure .....	1	2%
Refused .....	0	0%

## Appendix B

### Q12:

Q12. Is there a reason why you never compost your food scraps?

N = .....	367	100%
Not enough space/no place to have it/no good place for it.....	35	10%
Don't have a bin/barrel/equipment .....	18	5%
Have yard debris pickup/recycle .....	10	3%
Didn't seem to be working .....	1	<1%
Too much work/have to turn it.....	13	4%
Don't have much to get rid of/no garden/lawn .....	31	8%
Just moved in and haven't started yet.....	5	1%
Don't know how to do it.....	18	5%
Never thought of it .....	29	8%
Use the garbage disposal.....	67	18%
Feed it to the animals/chickens/dogs.....	16	4%
Smell is bad.....	6	2%
Attracts rats/raccoons/cats/bugs/flies.....	40	11%
Not enough time/takes too much time .....	16	4%
Too lazy/don't have the time/easier to just throw it away .....	43	12%
Have too much to compost.....	2	1%
Landlord/homeowners association may not allow it.....	2	1%
Lawn maintenance crew handles it .....	1	<1%
Usually burn it .....	0	0%
I moved so don't do it anymore.....	1	<1%
Give it to others (neighbors, etc.).....	28	8%
Use mulching lawnmower .....	2	1%
No desire .....	1	<1%
No reason.....	9	2%
Other (SPECIFY) .....	10	3%
Don't know/Not sure .....	17	5%
Refused .....	1	<1%

### Q13:

Q13. Which of the following best describes the composting methods you use for your yard debris now?

N = .....	292	100%
Use a bin purchased at Metro's truckload sale (i.e., Earth machine/Toro).....	87	30%
Bought a compost bin from a store .....	46	16%
Made a compost bin or wire enclosure at home.....	66	23%
Use the "pile it up" method.....	103	35%
Bury it in the ground .....	31	11%
A worm bin.....	10	3%
Use it as mulch.....	74	25%
(DO NOT READ) Burn it.....	1	0%
(DO NOT READ) Compost bin, origin unknown .....	5	2%
(DO NOT READ) Feed to animals/birds .....	0	0%
(DO NOT READ) Other (SPECIFY) .....	7	2%
(DO NOT READ) Don't know/Not sure.....	1	<1%
(DO NOT READ) Refused.....	0	0%

## Appendix B

### Q13A:

Q13A. Do you compost your food scraps and your yard debris together?

N = .....	165	100%
Yes.....	118	72%
No.....	34	21%
Sometimes.....	13	8%
Don't know.....	0	0%
Refused.....	0	0%

### Q13B:

Q13B. Which of the following best describes the composting methods you use for your food scraps?

N = .....	181	100%
Use a bin purchased at Metro's truckload sale (i.e., Earth machine/Toro).....	58	32%
Bought a compost bin from a store .....	33	18%
Made a compost bin or wire enclosure at home.....	45	25%
Use the "pile it up" method.....	35	19%
Bury it in the ground.....	19	10%
A worm bin.....	4	2%
Use it as mulch.....	28	15%
(DO NOT READ) Burn it.....	0	0%
(DO NOT READ) Compost bin, origin unknown .....	4	2%
(DO NOT READ) Feed to animals/birds .....	5	3%
(DO NOT READ) Other (SPECIFY) .....	2	1%
(DO NOT READ) Don't know/Not sure.....	2	1%
(DO NOT READ) Refused.....	1	1%

### Q13D:

Q13D. Thinking of the capacity, durability, ease of use and other features of your home compost bin. On a scale of 0 to 10, where 0 means "Not at all satisfied" and 10 means "Extremely satisfied" in all respects, how satisfied are you with the Metro compost bin? (CLARIFY: This is not your yard debris container, but the actual bin used to compost)?

N = .....	0	100%
10 - Extremely satisfied.....	0	0%
9.....	0	0%
8.....	0	0%
7.....	0	0%
6.....	0	0%
5.....	0	0%
4.....	0	0%
3.....	0	0%
2.....	0	0%
1.....	0	0%
0 - Not at all satisfied.....	0	0%
(DO NOT READ) Don't know.....	0	0%



## Appendix B

### Q13E:

Q13E. (Thinking about the bin you once used,) What features or aspects of using the bin lessened your satisfaction with its performance?

N = .....	0	100%
Bin fell apart .....	0	0%
Too small for amount of yard debris/food scraps generated.....	0	0%
Can't turn the compost easily.....	0	0%
Rat/vector problems .....	0	0%
Odor problems .....	0	0%
Doesn't produce compost .....	0	0%
Other (SPECIFY) .....	0	0%
Don't know.....	0	0%

### Q14:

Q14. How frequently do you stir or mix the materials in your compost?

N = .....	308	100%
Weekly (or more often).....	51	17%
Monthly (include twice a month).....	67	22%
Infrequently.....	126	41%
Or never .....	61	20%
(DO NOT READ) Don't know/Not sure.....	3	1%
(DO NOT READ) Refused.....	0	0%

### Q14A:

Q14A. How long have you been composting your yard debris? RECORD # OF YEARS

Mean = .....	11.1	
N = .....	292	100%
Don't know.....	5	2%
Refused.....	0	0%

### Q14A:

Q14A. How long were you composting your yard debris before you stopped? RECORD # OF YEARS

Mean = .....	4.1	
N = .....	28	100%
Don't know.....	0	0%
Refused.....	1	4%

### Q14B:

Q14B. How long have you been composting your food scraps? RECORD # OF YEARS

Mean = .....	11.6	
N = .....	181	100%
Don't know.....	5	3%
Refused.....	0	0%

## Appendix B

### Q14B:

Q14B. How long were you composting your food scraps before you stopped? RECORD # OF YEARS

Mean = .....	5.2	
N = .....	50	100%
Don't know.....	5	10%
Refused.....	0	0%

### Q15:

Q15. What ALL do you do with your fallen leaves or tree needles? PROBE: Anything else?

N = .....	585	100%
Dispose in regular garbage .....	17	3%
Recycle at the curb in a yard debris container.....	320	55%
Compost at home.....	147	25%
Sweep out loose into street.....	18	3%
Nothing, leave them where they fall.....	82	14%
Haul to composting facility or transfer station.....	29	5%
Lawn maintenance or someone outside of the home takes care of it.....	49	8%
(DO NOT READ) Burn it.....	17	3%
(DO NOT READ) Use as mulch/put in flower beds.....	60	10%
(DO NOT READ) Stack them in a pile .....	16	3%
(DO NOT READ) Something else (SPECIFY) .....	6	1%
(DO NOT READ) Don't know/Not sure.....	5	1%
(DO NOT READ) Refused.....	2	<1%
(DO NOT READ) Don't have any .....	9	2%

### Q15A:

Q15A. Would you say some, half or most of your leaf debris is thrown into your regular garbage?

N = .....	17	100%
Some.....	2	12%
Half.....	1	6%
Most.....	1	6%
All.....	10	59%
Don't know/Not sure .....	3	18%
Refused.....	0	0%

### Q15B:

Q15B. Would you say some, half or most of your leaf debris is recycled at the curb in a yard debris container?

N = .....	320	100%
Some.....	32	10%
Half.....	30	9%
Most.....	47	15%
All.....	205	64%
Don't know/Not sure .....	5	2%
Refused.....	1	0%

## Appendix B

### Q15C:

Q15C. Would you say some, half or most of your leaf debris is composted at home?

N = .....	147	100%
Some.....	34	23%
Half.....	16	11%
Most.....	40	27%
All.....	54	37%
Don't know/Not sure .....	2	1%
Refused .....	0	0%
Not asked – upcoded.....	1	1%

---

### Q15D:

Q15D. Would you say some, half or most of your leaf debris is swept out loose into the street?

N = .....	18	100%
Some.....	2	11%
Half.....	4	22%
Most.....	8	44%
All.....	4	22%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

---

### Q15E:

Q15E. Would you say you leave some, half or most of your leaf debris is left where it falls?

N = .....	82	100%
Some.....	17	21%
Half.....	7	9%
Most.....	12	15%
All.....	45	55%
Don't know/Not sure .....	0	0%
Refused .....	1	1%

---

### Q15F:

Q15F. Would you say you haul some, half or most of your leaf debris to a composting facility or transfer station?

N = .....	29	100%
Some.....	7	24%
Half.....	2	7%
Most.....	7	24%
All.....	11	38%
Don't know/Not sure .....	2	7%
Refused .....	0	0%

---

## Appendix B

### Q15G:

Q15G. Does the person outside your home take care of some, half or most of your leaf debris?

N = .....	49	100%
Some.....	5	10%
Half.....	4	8%
Most.....	9	18%
All.....	31	63%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q15H:

Q15H. Would you say some, half, or most of your leaf debris is <other>?

N = .....	6	100%
Some.....	1	17%
Half.....	1	17%
Most.....	0	0%
All.....	4	67%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q16:

Q16. What ALL do you do with your grass clippings? PROBE: Anything else?

N = .....	538	100%
Dispose in regular garbage .....	15	3%
Recycle at the curb in a yard debris container.....	236	44%
Compost at home/Put in pile .....	143	27%
Use for mulch in other areas.....	59	11%
Use a mulching lawnmower and/or let grass clippings lie on lawn .....	112	21%
Haul to a composting facility or transfer station.....	4	1%
Lawn maintenance or someone outside the homes takes care of it.....	54	10%
Burn it .....	6	1%
Feed to animals.....	6	1%
Dump/spread/pile somewhere else/over fence .....	21	4%
Something else (SPECIFY) .....	5	1%
Don't know/Not sure .....	6	1%
Refused .....	0	0%

### Q16A:

Q16A. Would you say some, half or most of your grass clippings are thrown into your garbage?

N = .....	15	100%
Some.....	0	0%
Half.....	2	13%
Most.....	1	7%
All.....	11	73%
Don't know/Not sure .....	1	7%
Refused .....	0	0%

## Appendix B

### Q16B:

Q16B. Would you say some, half or most of your grass clippings are recycled at the curb in a yard debris container?

N = .....	236	100%
Some.....	14	6%
Half.....	22	9%
Most.....	27	11%
All.....	172	73%
Don't know/Not sure .....	1	<1%
Refused .....	0	0%

### Q16C:

Q16C. Would you say some, half or most of your grass clippings are composted at home?

N = .....	143	100%
Some.....	25	17%
Half.....	21	15%
Most.....	22	15%
All.....	73	51%
Don't know/Not sure .....	1	1%
Refused .....	0	0%
Not asked – upcoded.....	1	1%

### Q16D:

Q16D. Would you say some, half or most of your grass clippings are used for mulch in other areas?

N = .....	59	100%
Some.....	14	24%
Half.....	7	12%
Most.....	11	19%
All.....	25	42%
Don't know/Not sure .....	2	3%
Refused .....	0	0%

### Q16E:

Q16E. Would you say some, half or most of your grass clippings are left where they lie after being cut?

N = .....	112	100%
Some.....	18	16%
Half.....	11	10%
Most.....	14	12%
All.....	67	60%
Don't know/Not sure .....	2	2%
Refused .....	0	0%

## Appendix B

### Q16F:

Q16F. Would you say some, half or most of your grass clippings are taken care of by someone outside of the home or landscape service?

N = .....	54	100%
Some.....	1	2%
Half.....	2	4%
Most.....	5	9%
All.....	43	80%
Don't know/Not sure .....	2	4%
Refused .....	1	2%

### Q16G:

Q16G. Would you say you haul some, half or most of your grass clippings to a compost facility or transfer station?

N = .....	4	100%
Some.....	0	0%
Half.....	1	25%
Most.....	0	0%
All.....	3	75%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q16H:

Q16H. Would you say some, half or most of your grass clippings are <other>?

N = .....	5	100%
Some.....	0	0%
Half.....	1	20%
Most.....	1	20%
All.....	3	60%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q17:

Q17. What ALL do you do with your brush waste, such as twigs and prunings? PROBE:

Anything else?

N = .....	601	100%
Dispose in regular garbage .....	18	3%
Recycle at the curb in a yard debris container.....	349	58%
Compost at home/Put in pile .....	74	12%
Use a chipper to make chips .....	29	5%
Just let it lie where it is .....	18	3%
Haul to a compost facility or transfer station .....	38	6%
Burn brush waste.....	92	15%
Landscaping service or someone outside of the home takes care of it.....	43	7%
Take somewhere else to dump/spread/mulch.....	27	4%
Something else (SPECIFY):.....	9	1%
Don't know/Not sure .....	6	1%
Refused .....	0	0%
Doesn't have any brush waste.....	21	3%

## Appendix B

### Q17A:

Q17A. Would you say some, half or most of your brush waste is thrown into your regular garbage?

N = .....	18	100%
Some.....	1	6%
Half.....	1	6%
Most.....	1	6%
All.....	15	83%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

---

### Q17B:

Q17B. Would you say some, half or most of your brush waste is recycled at the curb in a yard debris container?

N = .....	349	100%
Some.....	20	6%
Half.....	12	3%
Most.....	27	8%
All.....	290	83%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

---

### Q17C:

Q17C. Would you say some, half or most of your brush waste is composted at home?

N = .....	74	100%
Some.....	20	27%
Half.....	7	9%
Most.....	15	20%
All.....	32	43%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

---

### Q17D:

Q17D. Would you say some, half or most of your brush waste is made into chips?

N = .....	29	100%
Some.....	9	31%
Half.....	3	10%
Most.....	4	14%
All.....	10	34%
Don't know/Not sure .....	3	10%
Refused .....	0	0%

---

## Appendix B

### Q17E:

Q17E. Would you say you haul some, half or most of your brush waste to a compost facility or transfer station?

N = .....	38	100%
Some.....	9	24%
Half.....	6	16%
Most.....	4	11%
All.....	19	50%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

---

### Q17F:

Q17F. Would you say some, half or most of your brush waste is left lying where it is?

N = .....	18	100%
Some.....	3	17%
Half.....	1	6%
Most.....	5	28%
All.....	9	50%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

---

### Q17G:

Q17G. Would you say you burn some, half or most of your brush waste?

N = .....	92	100%
Some.....	22	24%
Half.....	11	12%
Most.....	9	10%
All.....	49	53%
Don't know/Not sure .....	1	1%
Refused .....	0	0%

---

### Q17H:

Q17H. Would you say some, half or most of your brush waste is taken care of by someone outside of the home or a landscaping service?

N = .....	43	100%
Some.....	6	14%
Half.....	0	0%
Most.....	4	9%
All.....	32	74%
Don't know/Not sure .....	0	0%
Refused .....	0	0%
Not asked – upcoded.....	1	2%

---



## Appendix B

### Q17I:

Q17I. Would you say some, half or most of your brush waste is <other>?

N = .....	9	100%
Some.....	5	56%
Half.....	0	0%
Most.....	2	22%
All.....	2	22%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q18:

Q18. What ALL do you do with your plant and garden waste? PROBE: Anything else?

N = .....	372	100%
Dispose in regular garbage .....	12	3%
Recycle at the curb in a yard debris container.....	195	52%
Compost at home/Put in pile .....	128	34%
Use a chipper to make chips .....	2	1%
Just let it lie where it is .....	19	5%
Haul to a compost facility or transfer station .....	12	3%
Burn plant/garden waste .....	15	4%
Landscaping service or someone outside of the home takes care of it.....	12	3%
Give to animals.....	2	1%
Tilled back into soil.....	31	8%
Mulch.....	24	6%
Something else (SPECIFY) .....	3	1%
Don't know/Not sure .....	2	1%
Refused .....	0	0%
Doesn't have any plant or garden waste.....	5	1%

### Q18A:

Q18A. Would you say some, half or most of your plant or garden waste is thrown into your regular garbage?

N = .....	12	100%
Some.....	2	17%
Half.....	0	0%
Most.....	1	8%
All.....	9	75%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q18B:

Q18B. Would you say some, half or most of your plant or garden waste is recycled at the curb in a yard debris container?

N = .....	195	100%
Some.....	14	7%
Half.....	18	9%
Most.....	23	12%
All.....	138	71%
Don't know/Not sure .....	2	1%
Refused .....	0	0%

## Appendix B

### Q18C:

Q18C. Would you say some, half or most of your plant or garden waste is composted at home?

N = .....	128	100%
Some.....	17	13%
Half.....	16	12%
Most.....	24	19%
All.....	70	55%
Don't know/Not sure .....	1	1%
Refused .....	0	0%

### Q18D:

Q18D. Would you say some, half or most of your plant or garden waste is made into chips?

N = .....	2	100%
Some.....	2	100%
Half.....	0	0%
Most.....	0	0%
All.....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q18E:

Q18E. Would you say you haul some, half or most of your plant or garden waste to a compost facility or transfer station?

N = .....	12	100%
Some.....	4	33%
Half.....	0	0%
Most.....	2	17%
All.....	6	50%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q18F:

Q18F. Would you say some, half or most of your plant or garden waste is left lying where it is?

N = .....	19	100%
Some.....	3	16%
Half.....	1	5%
Most.....	4	21%
All.....	11	58%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

## Appendix B

### Q18G:

Q18G. Would you say you burn some, half or most of your plant or garden waste?

N = .....	15	100%
Some.....	6	40%
Half.....	1	7%
Most.....	0	0%
All.....	8	53%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q18H:

Q18H. Would you say some, half or most of your plant or garden waste is taken care of by someone outside of the home or a landscaping service?

N = .....	12	100%
Some.....	1	8%
Half.....	0	0%
Most.....	1	8%
All.....	10	83%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q18I:

Q18I. Would you say some, half or most of your plant or garden waste is <other>?

N = .....	3	100%
Some.....	0	0%
Half.....	0	0%
Most.....	1	33%
All.....	2	67%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q19:

Q19. Which of the following best describes your yard debris collection service - HOW OFTEN IT IS AVAILABLE, not how often you use it. . .

N = .....	601	100%
One standard size can or paper sack PER WEEK (32 or 35-gallon).....	143	24%
One standard size can or paper sack EVERY OTHER WEEK (32 or 35-gallon can)	207	34%
One extra large size can or cart PER WEEK (60 or 90 gallon) .....	62	10%
Or one extra large size can or cart EVERY OTHER WEEK (60 or 90 gallon).....	54	9%
(DO NOT READ) Once a month or less.....	13	2%
(DO NOT READ) No service/Exempted/Self haul Other (SPECIFY) .....	69	11%
(DO NOT READ) Don't know.....	52	9%
(DO NOT READ) Refused.....	1	<1%

## Appendix B

### Q19A:

Q19A. How often do you put out your yard debris containers for your regularly scheduled collection in the spring and fall?

N = .....	479	100%
Some of the time.....	105	22%
Half of the time.....	50	10%
Most of the time .....	127	27%
Or all of the time .....	146	30%
(DO NOT READ) Never .....	39	8%
(DO NOT READ) Don't know.....	11	2%
(DO NOT READ) Refused.....	1	<1%

### Q20:

Q20. Which of the following materials do you compost with your food scraps?

N = .....	181	100%
Fruit trimmings.....	157	87%
Vegetable trimmings .....	161	89%
Plate scrapings .....	49	27%
Bread and grains .....	54	30%
Eggshells.....	125	69%
Coffee grounds or tea bags .....	121	67%
Fish.....	14	8%
Meat.....	8	4%
Dairy products (i.e. cheese, milk) .....	13	7%
(DO NOT READ) Don't know/Not sure.....	4	2%
(DO NOT READ) Refused.....	2	1%

### Q22:

Q22. What ALL do you do with your food scraps? PROBE: Anything else?

N = .....	601	100%
Dispose in regular garbage --> PROBE:.....	413	69%
Put down the garbage disposal or drain.....	306	51%
Compost at home.....	77	13%
Put in a worm bin .....	5	1%
Feed to animals.....	89	15%
Not enough debris to compost.....	4	1%
Burn it .....	4	1%
Other (SPECIFY) .....	12	2%
Don't know/Not sure .....	1	<1%
Refused .....	1	<1%

### Q23A:

Q23A. Would you say some, half or most of your food scraps are disposed with your regular garbage?

N = .....	413	100%
Some.....	105	25%
Half.....	49	12%
Most.....	82	20%
All.....	175	42%
Don't know/Not sure .....	2	<1%
Refused .....	0	0%

## Appendix B

### Q23B:

Q23B. Would you say some, half or most of your food scraps are. . . Put down the garbage disposal or drain?

N = .....	306	100%
Some.....	99	32%
Half.....	48	16%
Most.....	59	19%
All.....	99	32%
Don't know/Not sure .....	1	<1%
Refused .....	0	0%

---

### Q23C:

Q23C. Would you say some, half or most of your food scraps are. . . Composted at home?

N = .....	77	100%
Some.....	15	19%
Half.....	15	19%
Most.....	21	27%
All.....	26	34%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

---

### Q23D:

Q23D. Would you say some, half or most of your food scraps are. . . Put in a worm bin?

N = .....	5	100%
Some.....	1	20%
Half.....	0	0%
Most.....	0	0%
All.....	3	60%
Don't know/Not sure .....	1	20%
Refused .....	0	0%

---

### Q23E:

Q23E. Would you say some, half or most of your food scraps are. . . Fed to animals?

N = .....	89	100%
Some.....	48	54%
Half.....	13	15%
Most.....	10	11%
All.....	17	19%
Don't know/Not sure .....	0	0%
Refused .....	0	0%
Not asked – upcoded.....	1	1%

---

## Appendix B

### Q23F:

Q23F. Would you say some, half or most of your food scraps are. . .<other>?

N = .....	12	100%
Some.....	0	0%
Half.....	1	8%
Most.....	1	8%
All.....	9	75%
Don't know/Not sure .....	0	0%
Refused .....	0	0%
Not asked – upcoded.....	1	8%

### Q24:

Q24. Other than yard debris (and/or food scraps) are there any other materials that you regularly compost such as paper napkins?

N = .....	308	100%
Pet waste .....	12	4%
Any paper (e.g. paper towels and tissues, newspaper and junk mail).....	23	7%
Other (SPECIFY): .....	9	3%
None of the above -- DON'T COMPOST OTHER MATERIALS .....	249	81%
Don't know/Not sure .....	19	6%
Refused .....	0	0%

### Q32:

Q32. In general, how appealing is the idea of collecting certain types of yard trimmings and food scraps for making compost at home to use on your garden or lawn? Would you say...

N = .....	293	100%
4 - Very appealing.....	30	10%
3 - Somewhat appealing.....	77	26%
2 - Not very appealing --> skip to Q42.....	73	25%
1 - Not at all appealing --> skip to Q42.....	109	37%
Don't know/Refused.....	4	1%

### Q36:

Q36. Would you be interested in purchasing (another/a) composting bin at a reasonable price sometime in the next 2 years?

N = .....	419	100%
Yes.....	112	27%
No.....	213	51%
Maybe.....	76	18%
Don't know.....	18	4%
Refused .....	0	0%

### Q37A:

Q37A. At what price would it just start to feel that a composting bin from Metro is too expensive and you would not consider purchasing it?

Mean = .....	57.6	
N = .....	419	100%
Don't know.....	85	20%
Refused .....	13	3%

## Appendix B

### Q37B:

Q37B. At what price would it just start to feel that a composting bin from Metro is too inexpensive and you would have concerns about its quality or effectiveness?

Mean = .....	19.3	
N = .....	419	100%
Don't know.....	105	25%
Refused.....	12	3%

---

### Q37C:

Q37C. How likely are you to purchase a home composting bin in the next two years if the retail price was \$45? Would you say you are...

N = .....	206	100%
Definitely likely --> SKIP TO Q38.....	12	6%
Very likely.....	45	22%
Somewhat likely.....	91	44%
Not too likely.....	29	14%
Not at all likely.....	28	14%
(DO NOT READ) Don't know/unsure.....	1	<1%

---

### Q37D:

Q37D. How likely are you to purchase a home composting bin in the next two years if the retail price was \$35? Would you say you are...

N = .....	194	100%
Definitely likely --> SKIP TO Q38.....	32	16%
Very likely.....	50	26%
Somewhat likely.....	74	38%
Not too likely.....	15	8%
Not at all likely.....	22	11%
(DO NOT READ) Don't know/unsure.....	1	1%

---

### Q37E:

Q37E. How likely are you to purchase a home composting bin in the next two years if the retail price was \$25? Would you say you are...

N = .....	162	100%
Definitely likely --> SKIP TO Q38.....	32	20%
Very likely.....	53	33%
Somewhat likely.....	43	27%
Not too likely.....	16	10%
Not at all likely.....	16	10%
(DO NOT READ) Don't know/unsure.....	2	1%

---

### Q37F:

Q37F. How likely are you to purchase a home composting bin in the next two years if the retail price was \$20? Would you say you are...

N = .....	130	100%
Definitely likely --> SKIP TO Q38.....	19	15%
Very likely.....	46	35%
Somewhat likely.....	33	25%
Not too likely.....	9	7%
Not at all likely.....	20	15%
(DO NOT READ) Don't know/unsure.....	3	2%

---

## Appendix B

### Q37G:

Q37G. How likely are you to purchase a home composting bin in the next two years if the retail price was \$15? Would you say you are...

N = .....	111	100%
Definitely likely --> SKIP TO Q38.....	15	14%
Very likely .....	34	31%
Somewhat likely.....	28	25%
Not too likely.....	7	6%
Not at all likely.....	25	23%
(DO NOT READ) Don't know/unsure.....	2	2%

---

### Q38:

Q38. Do you think Metro and local government should subsidize the cost of compost bins to encourage households to compost at their homes?

N = .....	419	100%
Yes.....	259	62%
Maybe/Depends.....	47	11%
No.....	90	21%
Don't know.....	23	5%

---

### Q39:

Q39. How likely would you be to buy a bin if it was delivered to your house? Would you say you would be ...

N = .....	419	100%
Definitely likely.....	136	32%
Very likely .....	110	26%
Somewhat likely.....	81	19%
Not too likely.....	14	3%
Not at all likely.....	71	17%
(DO NOT READ) Don't know/unsure.....	7	2%

---

### Q39A:

Q39A. How likely would you be to buy a bin if you had to drive 15 minutes or 10 miles to pick it up? Would you say you would be ...

N = .....	419	100%
Definitely likely.....	44	11%
Very likely .....	74	18%
Somewhat likely.....	129	31%
Not too likely.....	62	15%
Not at all likely.....	104	25%
(DO NOT READ) Don't know/unsure.....	6	1%

---



## Appendix B

### Q39B:

Q39B. How likely would you be to buy a bin if it were available for purchase only on one or two weekends? Would you say you would be ...

N = .....	419	100%
Definitely likely.....	22	5%
Very likely.....	50	12%
Somewhat likely.....	123	29%
Not too likely.....	107	26%
Not at all likely.....	111	26%
(DO NOT READ) Don't know/unsure.....	6	1%

---

### Q39C:

Q39C. How likely would you be to buy a bin if it were available for purchase on a combination of weekday evenings and weekend days during one or two weeks during the year? Would you say you would be ...

N = .....	419	100%
Definitely likely.....	41	10%
Very likely.....	85	20%
Somewhat likely.....	151	36%
Not too likely.....	39	9%
Not at all likely.....	97	23%
(DO NOT READ) Don't know/unsure.....	6	1%

---

### Q39D:

Q39D. How likely would you be to buy a bin if it you had to call Metro ahead of time to reserve it (and then would have to pick it up at a designated time in the future)? Would you say you would be ...

N = .....	419	100%
Definitely likely.....	24	6%
Very likely.....	38	9%
Somewhat likely.....	104	25%
Not too likely.....	114	27%
Not at all likely.....	131	31%
(DO NOT READ) Don't know/unsure.....	8	2%

---

### Q39E:

Q39E. Would you be more likely to purchase a bin for \$35 at an annual truckload sale or \$60 at your local nursery and home improvement store?

N = .....	419	100%
\$35 at annual truckload sale.....	295	70%
\$60 at local nursery or home improvement store.....	29	7%
Neither.....	69	16%
Don't know/unsure.....	26	6%

---

## Appendix B

### Q39F:

Q39F. How likely would you be to buy a bin if it were sold only through nurseries and home improvement stores? Would you say you would be ...

N = .....	419	100%
Definitely likely.....	22	5%
Very likely.....	51	12%
Somewhat likely.....	132	32%
Not too likely.....	98	23%
Not at all likely.....	105	25%
(DO NOT READ) Don't know/unsure.....	11	3%

### Q39G:

Q39G. How likely would you be to buy a bin if it were available through your neighborhood association? Would you say you would be ...

N = .....	419	100%
Definitely likely.....	47	11%
Very likely.....	99	24%
Somewhat likely.....	121	29%
Not too likely.....	34	8%
Not at all likely.....	100	24%
(DO NOT READ) Don't know/unsure.....	18	4%

### Q39H:

Q39H. How likely would you be to buy a bin if it were available for purchase through Metros website and could be picked up at a central location? Would you say you would be ...

N = .....	419	100%
Definitely likely.....	30	7%
Very likely.....	77	18%
Somewhat likely.....	147	35%
Not too likely.....	58	14%
Not at all likely.....	98	23%
(DO NOT READ) Don't know/unsure.....	9	2%

### Q39I:

Q39I. How likely would you be to buy a bin if it was supported with an email newsletter on proper usage? Would you say you would be ...

N = .....	419	100%
Definitely likely.....	47	11%
Very likely.....	85	20%
Somewhat likely.....	104	25%
Not too likely.....	55	13%
Not at all likely.....	116	28%
(DO NOT READ) Don't know/unsure.....	12	3%

## Appendix B

### Q42:

Q42. About half the households in the region practice backyard composting, which reduces the amount of leaves, grass and brush that they set out for collection. However, all household garbage bills include a fee for the same level of curbside collection of yard trimmings whether households compost in their backyard or not. Would you support a 1% increase in garbage rates (cap up to \$0.20 per month) for all households to have the potential to receive a free home compost bin?

N = .....	601	100%
Yes.....	306	51%
No.....	260	43%
Don't know.....	35	6%
Refused.....	0	0%

### Q43:

Q43. In the last year, do you remember receiving any information about a sale on two consecutive Saturdays of home compost bins sponsored by Metro and local governments at various locations throughout the region? (It was conducted on two consecutive Saturdays in May)

N = .....	601	100%
Yes.....	185	31%
No.....	397	66%
Don't know.....	19	3%
Refused.....	0	0%

### Q43A:

Q43A. How did you hear about it?

N = .....	185	100%
Oregonian article or print ad.....	39	21%
Oregonian Home and Garden section.....	14	8%
Oregonian FLYER/INSERT IN THE SHAPE OF A COMPOST BIN .....	21	11%
Community newspaper article or print ad.....	4	2%
Community newspaper FLYER/INSERT IN THE SHAPE OF A COMPOST BIN .	18	10%
Willamette Week.....	0	0%
Postcard.....	14	8%
Word of mouth.....	5	3%
Direct mail .....	9	5%
Newsletter .....	6	3%
Newspaper (unspecified) .....	5	3%
Through the garbage bill.....	3	2%
Other (SPECIFY) .....	10	5%
Don't remember .....	37	20%
Refused.....	0	0%

### Q43B:

Q43B. In the last year, have you been a subscriber to the daily Oregonian (as opposed to Sunday-only subscribers)?

N = .....	601	100%
Yes.....	364	61%
No.....	237	39%
Not sure.....	0	0%
Refused.....	0	0%

## Appendix B

### Q43CA:

Q43CA. What would be the one best way to notify you of a sale of home compost bins?		
N = .....	601	100%
Direct mail (post card or flyer).....	220	37%
Garbage bill .....	111	18%
Newsletter from local government.....	14	2%
Newsletter from neighborhood association.....	12	2%
Newspaper Home and Garden.....	29	5%
Newspaper article or ad .....	54	9%
Radio .....	20	3%
TV.....	17	3%
Information at nurseries and home improvement stores.....	3	<1%
Newspaper FLYER/INSERT IN THE SHAPE OF A COMPOST BIN .....	31	5%
Email .....	34	6%
Telephone.....	20	3%
Other (SPECIFY) .....	12	2%
Not interested.....	22	4%
Don't know.....	2	<1%

### Q43CB:

Q43CB. What is the second best option to reach you about a home compost bin sale?		
N = .....	601	100%
Direct mail (post card or flyer).....	140	23%
Garbage bill .....	65	11%
Newsletter from local government.....	15	2%
Newsletter from neighborhood association.....	10	2%
Newspaper Home and Garden.....	26	4%
Newspaper article or ad .....	71	12%
Radio .....	29	5%
TV.....	50	8%
Information at nurseries and home improvement stores.....	3	<1%
Newspaper FLYER/INSERT IN THE SHAPE OF A COMPOST BIN .....	33	5%
Email .....	40	7%
Telephone.....	36	6%
Other (SPECIFY) .....	21	3%
Don't know/not sure .....	27	4%
No other options .....	35	6%

### Q44:

Q44. Which of the following best describes your household's level of garbage service. . .		
N = .....	601	100%
One small size mini-can per WEEK (20-gallon).....	118	20%
One standard size can per WEEK (32 or 35-gallon).....	360	60%
One or more extra large cans or carts per week (60 or 90-gallon).....	53	9%
Two or more standard cans per WEEK (32 or 35-gallon).....	9	1%
One standard size can per MONTH (32-gallon).....	16	3%
On-call service for standard size can (32-gallon).....	3	<1%
Or do you haul garbage yourself .....	13	2%
(DO NOT READ) No service/Don't use service.....	13	2%
(DO NOT READ) Other (SPECIFY) .....	6	1%
(DO NOT READ) Don't know/Not sure.....	10	2%
(DO NOT READ) Refused.....	0	0%

## Appendix B

### Q45:

Q45. Do you currently participate in your city's curbside recycling collection program for paper, glass, metal and plastics?

N = .....	601	100%
Yes.....	540	90%
No, don't have curbside recycling service (self haul my garbage so I don't have recycling service)	35	6%
No, have service, but don't participate .....	26	4%
Don't know .....	0	0%
Refused .....	0	0%

### Q46:

Q46. If food scraps could be mixed with yard trimmings and set out at the curb for WEEKLY collection, how interested would your household be in separating out its food scrap and compostable paper to participate in such a service? Please use a scale of 1 to 5, where 1 means "Not all interested" and 5 means "Definitely interested."

N = .....	601	100%
5 - Definitely interested .....	149	25%
4.....	86	14%
3.....	94	16%
2.....	62	10%
1 - Not at all interested.....	196	33%
Don't know/unsure.....	14	2%

### Q47:

Q47. Do you buy compost to use on your garden or lawn...

N = .....	570	100%
Several times a year .....	55	10%
Annually.....	101	18%
Less than once a year; or.....	86	15%
Never.....	324	57%
Refused .....	4	1%

### Q48A:

Q48A. Have you treated your lawn with a non-organic weed and feed (fertilizer with chemical herbicide) mix in the past year?

N = .....	538	100%
Yes, by someone in the household.....	156	29%
Yes, by a professional lawn service.....	30	6%
Yes, both.....	9	2%
No.....	308	57%
Don't know.....	35	7%

### Q48B:

Q48B. How frequently do you treat your lawn with weed and feed?

N = .....	195	100%
1x per year .....	66	34%
2x per year .....	73	37%
3 or more times per year .....	38	19%
Don't know.....	18	9%

## Appendix B

### Q49:

Q49. Now just some questions for classification purposes. Do you live in . . .

N = .....	601	100%
The City of Portland.....	233	39%
Gresham or Wood Village .....	26	4%
Somewhere else in Multnomah County.....	33	5%
Clackamas County.....	142	24%
Beaverton.....	46	8%
Or somewhere else in Washington County?.....	120	20%
(DO NOT READ) Somewhere else (SPECIFY) .....	1	<1%
(DO NOT READ) Don't know.....	0	0%
(DO NOT READ) Refused.....	0	0%

### Q50:

Q50. Do you rent or own your home?

N = .....	601	100%
Rent .....	66	11%
Own .....	533	89%
Refused .....	2	<1%

### AGE:

AGE. Which of the following categories best describes your age group?

N = .....	601	100%
Under 25.....	25	4%
25 to 34 .....	88	15%
35 to 44 .....	124	21%
45 to 54 .....	155	26%
55 to 64 .....	109	18%
Or 65 or over.....	96	16%
Refused .....	4	1%

### Q51A:

Q51A. Including yourself and any children, how many people live in your household?

N = .....	601	100%
One .....	82	14%
Two .....	233	39%
Three .....	116	19%
Four .....	118	20%
Five or more.....	48	8%
Refused .....	4	1%

### Q51B:

Q51B. How long have you lived at your current address?

N = .....	601	100%
Under 1 year .....	65	11%
1-2 years.....	94	16%
3-5 years.....	99	16%
6-9 years.....	89	15%
10 or more years .....	253	42%
Refused .....	1	<1%

## Appendix B

### Q51C:

Q51C. Where was your previous residence?

N = .....	159	100%
Within Metro region (Clackamas Co, Multnomah Co, Washington Co).....	115	72%
Outside Metro region, but within Oregon.....	25	16%
Different state or abroad.....	19	12%
Refused.....	0	0%

---

### Q52:

Q52. What is the highest level of education you have had the opportunity to complete?

N = .....	601	100%
Less than high school.....	8	1%
High school graduate (GED).....	82	14%
Some college.....	184	31%
College graduate - 4 year.....	202	34%
Post graduate degree.....	114	19%
Refused.....	11	2%

---

### Q54:

Q54. Which of the following best describes your total annual household income before taxes...

N = .....	601	100%
\$25,000 or less.....	51	8%
\$25,001 to \$50,000.....	142	24%
\$50,001 to \$75,000.....	129	21%
\$75,001 to \$100,000.....	87	14%
Or \$100,001 or over.....	79	13%
Refused.....	113	19%

---

### BB1:

BB1. Were you composting before you purchased your metro compost bin?

N = .....	0	100%
Yes.....	0	0%
No.....	0	0%
DK.....	0	0%

---

### GEND:

RECORD GENDER

N = .....	601	100%
Male.....	228	38%
Female.....	373	62%

## Appendix C

### **METRO**

#### 2004 Home Composting Survey – Bin Owners

Final Frequency Report

February 7, 2005

#### **SEG:**

Segment from sample

N = .....	100	100%
1995.....	25	25%
1996.....	25	25%
2000.....	25	25%
2001.....	25	25%
Gen Pop.....	0	0%

#### **PQ0:**

INTERVIEWER: --> IS NAME ON SAMPLE ACCURATE (DOES THE RESPONDENT KNOW OF THE PERSON WE ARE ASKING FOR)?

N = .....	100	100%
Yes --> SKIP TO PREQ1 .....	97	97%
No.....	3	3%

#### **Q0:**

Q0. Do you have a black compost bin in your yard?

N = .....	3	100%
Yes.....	3	100%
No --> SET OWN=2 AND SKIP TO Q1 .....	0	0%
Don't know/Unsure --> SET OWN=2 AND SKIP TO Q1 .....	0	0%

#### **PQ1:**

PQ1. Do you recall purchasing a black compost bin from Metro? [INTERVIEW NOTE: If Respondent says NO or DK, probe with - Just to confirm, you don't have a black compost bin in your yard or remember getting one in<SEG>?]

N = .....	100	100%
Yes.....	100	100%
No --> SET OWN=2 AND CONTINUE.....	0	0%
Don't know/don't remember --> SET OWN=2 AND CONTINUE.....	0	0%

#### **Q1:**

Q1. Before we begin, which of the following best describes the type of home you live in. . .

N = .....	100	100%
Single-family house.....	98	98%
Duplex.....	1	1%
Triplex (apartment).....	0	0%
Fourplex (apartment).....	1	1%
Or more than four unit complex (apartment complex)--> TERMINATE.....	0	0%
(DO NOT READ) Mobile home.....	0	0%
(DO NOT READ) Townhouse/Condo --> TERMINATE .....	0	0%
(DO NOT READ) Don't know --> TERMINATE.....	0	0%
(DO NOT READ) Refused --> TERMINATE .....	0	0%



## Appendix C

### Q1A:

Q1A. Which of the following best describes your lot size?

N = .....	100	100%
Standard urban lot 50x100.....	43	43%
Standard urban double lot, 100x100 .....	24	24%
Standard suburban lot, 7500 square feet.....	9	9%
Half an acre or greater; or.....	15	15%
Some other size.....	9	9%
(DO NOT READ) Don't know .....	0	0%
(DO NOT READ) Refuse.....	0	0%

### Q2:

Q2. Do you have a yard?

N = .....	100	100%
Yes.....	99	99%
No.....	1	1%
Don't know.....	0	0%
Refused .....	0	0%

### Q3:

Q3. Do you have a lawn with grass?

N = .....	100	100%
Yes.....	91	91%
No.....	9	9%
Don't know.....	0	0%
Refused .....	0	0%

### Q4:

Q4. Do you have a garden?

N = .....	100	100%
Yes.....	74	74%
No --> SKIP TO Q6 .....	26	26%
Don't know --> SKIP TO Q6.....	0	0%
Refused --> SKIP TO Q6.....	0	0%

### Q5:

Q5. Is that primarily for food, flowers or something else?

N = .....	74	100%
Food (Vegetable).....	23	31%
Flowers.....	21	28%
Food and Flowers.....	29	39%
Something else [ONLY USE IF NONE OF THE ABOVE] (SPECIFY): .....	1	1%
Don't know.....	0	0%
Refused .....	0	0%

## Appendix C

### Q6:

Q6. Do you have trees on your property?

N = .....	100	100%
Yes.....	94	94%
No.....	6	6%
Don't know.....	0	0%
Refused.....	0	0%

### Q6A:

Q6A. Do you have fallen leaves on your property?

N = .....	100	100%
Yes.....	92	92%
No.....	8	8%
Don't know.....	0	0%
Refused.....	0	0%

### Q7:

Q7. Now I have a few questions about what your household does with its yard debris. Does your household currently compost yard debris, such as grass, leaves, prunings and small branches? [IF NO, ASK: Have you ever composted these in the past?]

N = .....	100	100%
Yes, currently composting.....	80	80%
Yes, composted in the past, but then stopped.....	13	13%
Someone outside of the home takes care of it.....	0	0%
No, never tried to compost.....	7	7%
Don't know/Not sure .....	0	0%
Refused.....	0	0%

### Q7A:

Q7A. Are you presently using your Metro bin to compost?

N = .....	80	100%
Yes.....	68	87%
No.....	12	13%
Don't know --> SET OWN=2, CONTINUE AT Q10.....	0	0%
Refused --> SET OWN=2, CONTINUE AT Q10.....	0	0%

### Q7A:

Q7A. Did you use your Metro bin to compost?

N = .....	13	100%
Yes.....	13	13%
No.....	0	0%
Don't know --> SET OWN=2, CONTINUE AT Q10.....	0	0%
Refused --> SET OWN=2, CONTINUE AT Q10.....	0	0%

## Appendix C

### Q7AA:

Q7AA. We know you're not presently using your Metro bin to compost, but did you ever use your Metro bin to compost?

N = .....	12	100%
Yes.....	12	100%
No.....	0	0%
DK.....	0	0%

---

### Q7B:

Q7B. Why didn't you use your Metro bin to compost?

N = .....	7	100%
Couldn't figure out how to put the bin together.....	1	14%
Never got around to it.....	1	14%
Decided not to compost/thought it would be too much work.....	2	29%
Bin too small.....	2	29%
Other (SPECIFY) .....	1	14%

---

### Q7C:

Q7C. Why did you stop composting with your Metro bin?

N = .....	12	100%
Couldn't get it to work.....	3	25%
Bin too small for amount of yard debris .....	2	17%
Too difficult.....	2	17%
Needs better airflow.....	2	17%
Not enough time/takes too much time .....	2	17%
Built own bin .....	1	8%
Bin broke.....	1	8%
Other.....	0	0%
DK.....	0	0%

---

## Appendix C

### Q8:

Q8. Why did you stop composting your yard debris?

N = .....	13	100%
Bin fell apart .....	0	0%
Bin too small for amount of yard debris/food scraps generated.....	3	23%
Gave away bin .....	0	0%
Moved and didn't take bin.....	1	8%
Not enough space/no place to have it/no good place for it.....	1	8%
Don't have a bin/barrel/equipment .....	0	0%
Have yard debris pickup/recycle .....	2	15%
Didn't seem to be working .....	4	31%
Too much work/have to turn it.....	3	23%
Don't have much to get rid of/no garden/lawn .....	0	0%
Just moved in and haven't started yet.....	0	0%
Don't know how to do it.....	0	0%
Never thought of it .....	0	0%
Use the garbage disposal.....	0	0%
Feed it to the animals/chickens/dogs.....	0	0%
Smell is bad.....	0	0%
Attracts rats/raccoons/cats/bugs/flies.....	2	15%
Not enough time/takes too much time .....	0	0%
Too lazy/don't have the time/easier to just throw it away .....	0	0%
Have too much to compost.....	2	15%
Landlord/homeowners association may not allow it.....	0	0%
Lawn maintenance crew handles it .....	1	8%
Usually burn it .....	0	0%
I moved so don't do it anymore.....	0	0%
Other (SPECIFY) .....	1	8%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

## Appendix C

### Q9:

Q9. Is there a reason why you never compost your yard debris?

N = .....	0	100%
Not enough space/no place to have it/no good place for it.....	0	0%
Don't have a bin/barrel/equipment .....	0	0%
Have yard debris pickup/recycle .....	0	0%
Didn't seem to be working .....	0	0%
Too much work/have to turn it.....	0	0%
Don't have much to get rid of/no garden/lawn .....	0	0%
Just moved in and haven't started yet.....	0	0%
Don't know how to do it.....	0	0%
Never thought of it .....	0	0%
Use the garbage disposal.....	0	0%
Feed it to the animals/chickens/dogs.....	0	0%
Smell is bad.....	0	0%
Attracts rats/raccoons/cats/bugs/flies.....	0	0%
Not enough time/takes too much time .....	0	0%
Too lazy/don't have the time/easier to just throw it away .....	0	0%
Have too much to compost.....	0	0%
Landlord/homeowners association may not allow it.....	0	0%
Lawn maintenance crew handles it .....	0	0%
Usually burn it .....	0	0%
I moved so don't do it anymore.....	0	0%
Other (SPECIFY) .....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q10:

Q10. Does your household currently compost any food scraps, such as fruit and vegetable trimmings, egg shells, or coffee grounds? [IF NO, ASK: Have you ever composted any food scraps in the past?]

N = .....	100	100%
Yes, currently composting .....	65	65%
Yes, composted in the past, but then stopped.....	13	13%
No, never tried to compost.....	19	19%
Don't know/Not sure .....	3	3%
Refused .....	0	0%

## Appendix C

### Q11:

Q11. Why did you stop composting your food scraps?

N = .....	13	100%
Bin fell apart .....	0	0%
Bin too small for amount of yard debris/food scraps generated.....	1	8%
Gave away bin .....	0	0%
Moved and didn't take bin.....	0	0%
Not enough space/no place to have it/no good place for it.....	0	0%
Don't have a bin/barrel/equipment .....	0	0%
Have yard debris pickup/recycle .....	0	0%
Didn't seem to be working .....	2	15%
Too much work/have to turn it.....	5	38%
Don't have much to get rid of/no garden/lawn .....	0	0%
Just moved in and haven't started yet.....	0	0%
Don't know how to do it.....	0	0%
Never thought of it .....	0	0%
Use the garbage disposal.....	1	8%
Feed it to the animals/chickens/dogs.....	1	8%
Smell is bad.....	1	8%
Attracts rats/raccoons/cats/bugs/flies.....	4	31%
Not enough time/takes too much time .....	1	8%
Too lazy/don't have the time/easier to just throw it away .....	1	8%
Have too much to compost.....	0	0%
Landlord/homeowners association may not allow it.....	0	0%
Lawn maintenance crew handles it .....	0	0%
Usually burn it .....	0	0%
I moved so don't do it anymore.....	0	0%
Other (SPECIFY) .....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

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## Appendix C

### Q12:

Q12. Is there a reason why you never compost your food scraps?

N = .....	19	100%
Not enough space/no place to have it/no good place for it.....	0	0%
Don't have a bin/barrel/equipment .....	0	0%
Have yard debris pickup/recycle .....	0	0%
Didn't seem to be working .....	1	5%
Too much work/have to turn it.....	2	11%
Don't have much to get rid of/no garden/lawn .....	4	21%
Just moved in and haven't started yet.....	1	5%
Don't know how to do it.....	2	11%
Never thought of it .....	2	11%
Use the garbage disposal.....	1	5%
Feed it to the animals/chickens/dogs.....	1	5%
Smell is bad.....	1	5%
Attracts rats/raccoons/cats/bugs/flies.....	2	11%
Not enough time/takes too much time .....	1	5%
Too lazy/don't have the time/easier to just throw it away .....	1	5%
Have too much to compost.....	0	0%
Landlord/homeowners association may not allow it.....	0	0%
Lawn maintenance crew handles it .....	0	0%
Usually burn it .....	0	0%
I moved so don't do it anymore.....	0	0%
Other (SPECIFY) .....	2	11%
Don't know/Not sure .....	1	5%
Refused .....	0	0%

### Q13:

Q13. Which of the following best describes the composting methods you use for your yard debris now?

N = .....	80	100%
Use a bin purchased at Metro's truckload sale (i.e., Earth machine/Toro).....	65	81%
Bought a compost bin from a store .....	4	5%
Made a compost bin or wire enclosure at home.....	10	13%
Use the "pile it up" method.....	22	28%
Bury it in the ground .....	6	8%
A worm bin.....	5	6%
Use it as mulch.....	28	35%
(DO NOT READ) Burn it.....	2	3%
(DO NOT READ) Compost bin, origin unknown .....	1	1%
(DO NOT READ) Feed to animals/birds .....	0	0%
(DO NOT READ) Other (SPECIFY) .....	2	3%
(DO NOT READ) Don't know/Not sure.....	0	0%
(DO NOT READ) Refused.....	0	0%

### Q13A:

Q13A. Do you compost your food scraps and your yard debris together?

N = .....	61	100%
Yes.....	48	79%
No.....	8	13%
Sometimes.....	5	8%
Don't know.....	0	0%
Refused .....	0	0%

## Appendix C

### Q13B:

Q13B. Which of the following best describes the composting methods you use for your food scraps?

N = .....	65	100%
Use a bin purchased at Metro's truckload sale (i.e., Earth machine/Toro).....	52	80%
Bought a compost bin from a store .....	4	6%
Made a compost bin or wire enclosure at home.....	7	11%
Use the "pile it up" method.....	5	8%
Bury it in the ground.....	4	6%
A worm bin.....	3	5%
Use it as mulch.....	10	15%
(DO NOT READ) Burn it.....	0	0%
(DO NOT READ) Compost bin, origin unknown .....	0	0%
(DO NOT READ) Feed to animals/birds .....	2	3%
(DO NOT READ) Other (SPECIFY) .....	0	0%
(DO NOT READ) Don't know/Not sure.....	0	0%
(DO NOT READ) Refused.....	0	0%

### Q13D:

Q13D. Thinking of the capacity, durability, ease of use and other features of your home compost bin. On a scale of 0 to 10, where 0 means "Not at all satisfied" and 10 means "Extremely satisfied" in all respects, how satisfied are you with the Metro compost bin? (CLARIFY: This is not your yard debris container, but the actual bin used to compost)?

N = .....	81	100%
10 - Extremely satisfied.....	14	17%
9.....	11	14%
8.....	17	21%
7.....	10	12%
6.....	4	5%
5.....	14	17%
4.....	3	4%
3.....	1	1%
2.....	1	1%
1.....	1	1%
0 - Not at all satisfied.....	0	0%
(DO NOT READ) Don't know.....	5	6%



## Appendix C

### Q13E:

Q13E. (Thinking about the bin you once used,) What features or aspects of using the bin lessened your satisfaction with its performance?

N = .....	51	100%
Bin fell apart .....	6	12%
Too small for amount of yard debris/food scraps generated.....	9	18%
Can't turn the compost easily.....	18	35%
Rat/vector problems .....	3	6%
Odor problems .....	0	0%
Doesn't produce compost .....	4	8%
Difficult to extract compost through small opening on the bottom.....	4	8%
Need a better quality bin.....	4	8%
Removing the compost is difficult.....	2	4%
Shovel will not fit in bin.....	2	4%
Compost doesn't stay together .....	2	4%
Other (SPECIFY) .....	7	14%
None .....	1	2%
Don't know.....	2	4%

### Q14:

Q14. How frequently do you stir or mix the materials in your compost?

N = .....	84	100%
Weekly (or more often).....	9	11%
Monthly (include twice a month) .....	25	30%
Infrequently.....	35	42%
Or never .....	13	15%
(DO NOT READ) Don't know/Not sure.....	2	2%
(DO NOT READ) Refused.....	0	0%

### Q14A:

Q14A. How long have you been composting your yard debris? RECORD # OF YEARS

Mean = .....	11.1	
N = .....	80	100%
Don't know.....	4	5%
Refused .....	0	0%

### Q14A:

Q14A. How long were you composting your yard debris before you stopped? RECORD # OF YEARS

Mean = .....	5.6	
N = .....	13	100%
Don't know.....	0	0%
Refused .....	0	0%

### Q14B:

Q14B. How long have you been composting your food scraps? RECORD # OF YEARS

Mean = .....	10.1	
N = .....	65	100%
Don't know.....	4	6%
Refused .....	0	0%

## Appendix C

### Q14B:

Q14B. How long were you composting your food scraps before you stopped? RECORD # OF YEARS

Mean = .....	1.5	
N = .....	13	100%
Don't know.....	1	8%
Refused.....	1	8%

### Q15:

Q15. What ALL do you do with your fallen leaves or tree needles? PROBE: Anything else?

N = .....	99	100%
Dispose in regular garbage .....	6	6%
Recycle at the curb in a yard debris container.....	49	49%
Compost at home.....	54	55%
Sweep out loose into street.....	7	7%
Nothing, leave them where they fall.....	17	17%
Haul to composting facility or transfer station.....	17	17%
Lawn maintenance or someone outside of the home takes care of it.....	6	6%
(DO NOT READ) Burn it.....	1	1%
(DO NOT READ) Use as mulch/put in flower beds.....	26	26%
(DO NOT READ) Stack them in a pile .....	3	3%
(DO NOT READ) Something else (SPECIFY) .....	1	1%
(DO NOT READ) Don't know/Not sure.....	0	0%
(DO NOT READ) Refused.....	0	0%
(DO NOT READ) Don't have any .....	1	1%

### Q15A:

Q15A. Would you say some, half or most of your leaf debris is thrown into your regular garbage?

N = .....	6	100%
Some.....	4	67%
Half.....	1	17%
Most.....	1	17%
All.....	0	0%
Don't know/Not sure .....	0	0%
Refused.....	0	0%

### Q15B:

Q15B. Would you say some, half or most of your leaf debris is recycled at the curb in a yard debris container?

N = .....	49	100%
Some.....	15	31%
Half.....	8	16%
Most.....	12	24%
All.....	13	27%
Don't know/Not sure .....	1	2%
Refused.....	0	0%

## Appendix C

### Q15C:

Q15C. Would you say some, half or most of your leaf debris is composted at home?

N = .....	54	100%
Some.....	18	33%
Half.....	9	17%
Most.....	19	35%
All.....	8	15%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q15D:

Q15D. Would you say some, half or most of your leaf debris is swept out loose into the street?

N = .....	7	100%
Some.....	3	43%
Half.....	3	43%
Most.....	1	14%
All.....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q15E:

Q15E. Would you say you leave some, half or most of your leaf debris is left where it falls?

N = .....	17	100%
Some.....	6	35%
Half.....	3	18%
Most.....	4	24%
All.....	4	24%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q15F:

Q15F. Would you say you haul some, half or most of your leaf debris to a composting facility or transfer station?

N = .....	17	100%
Some.....	8	47%
Half.....	3	18%
Most.....	3	18%
All.....	2	12%
Don't know/Not sure .....	0	0%
Refused .....	1	6%

## Appendix C

### Q15G:

Q15G. Does the person outside your home take care of some, half or most of your leaf debris?

N = .....	6	100%
Some.....	0	0%
Half.....	1	17%
Most.....	2	33%
All.....	2	33%
Don't know/Not sure .....	0	0%
Refused .....	0	0%
Not asked – upcoded.....	1	17%

### Q15H:

Q15H. Would you say some, half, or most of your leaf debris is <other>?

N = .....	1	100%
Some.....	0	0%
Half.....	1	100%
Most.....	0	0%
All.....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q16:

Q16. What ALL do you do with your grass clippings? PROBE: Anything else?

N = .....	91	100%
Dispose in regular garbage .....	3	3%
Recycle at the curb in a yard debris container.....	25	27%
Compost at home/Put in pile .....	50	55%
Use for mulch in other areas.....	18	20%
Use a mulching lawnmower and/or let grass clippings lie on lawn .....	28	31%
Haul to a composting facility or transfer station.....	3	3%
Lawn maintenance or someone outside the homes takes care of it.....	7	8%
Burn it .....	1	1%
Feed to animals.....	0	0%
Dump/spread/pile somewhere else/over fence .....	2	2%
Something else (SPECIFY) .....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q16A:

Q16A. Would you say some, half or most of your grass clippings are thrown into your garbage?

N = .....	3	100%
Some.....	1	33%
Half.....	1	33%
Most.....	0	0%
All.....	1	33%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

## Appendix C

### Q16B:

Q16B. Would you say some, half or most of your grass clippings are recycled at the curb in a yard debris container?

N = .....	25	100%
Some.....	7	28%
Half.....	1	4%
Most.....	7	28%
All.....	10	40%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q16C:

Q16C. Would you say some, half or most of your grass clippings are composted at home?

N = .....	50	100%
Some.....	14	28%
Half.....	3	6%
Most.....	12	24%
All.....	20	40%
Don't know/Not sure .....	0	0%
Refused .....	0	0%
Not asked – upcoded.....	1	2%

### Q16D:

Q16D. Would you say some, half or most of your grass clippings are used for mulch in other areas?

N = .....	18	100%
Some.....	3	17%
Half.....	1	6%
Most.....	7	39%
All.....	6	33%
Don't know/Not sure .....	0	0%
Refused .....	0	0%
Not asked – upcoded.....	1	6%

### Q16E:

Q16E. Would you say some, half or most of your grass clippings are left where they lie after being cut?

N = .....	28	100%
Some.....	3	11%
Half.....	1	4%
Most.....	7	25%
All.....	11	39%
Don't know/Not sure .....	5	19%
Refused .....	0	0%
Not asked – upcoded.....	1	4%

## Appendix C

### Q16F:

Q16F. Would you say some, half or most of your grass clippings are taken care of by someone outside of the home or landscape service?

N = .....	7	100%
Some.....	0	0%
Half.....	0	0%
Most.....	3	43%
All.....	4	57%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q16G:

Q16G. Would you say you haul some, half or most of your grass clippings to a compost facility or transfer station?

N = .....	3	100%
Some.....	1	33%
Half.....	1	33%
Most.....	1	33%
All.....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q16H:

Q16H. Would you say some, half or most of your grass clippings are <other>?

N = .....	0	100%
Some.....	0	0%
Half.....	0	0%
Most.....	0	0%
All.....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q17:

Q17. What ALL do you do with your brush waste, such as twigs and prunings? PROBE:

Anything else?

N = .....	100	100%
Dispose in regular garbage .....	4	4%
Recycle at the curb in a yard debris container.....	67	67%
Compost at home/Put in pile .....	23	23%
Use a chipper to make chips .....	8	8%
Just let it lie where it is .....	2	2%
Haul to a compost facility or transfer station .....	10	10%
Burn brush waste.....	17	17%
Landscaping service or someone outside of the home takes care of it.....	5	5%
Take somewhere else to dump/spread/mulch.....	9	9%
Something else (SPECIFY):.....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%
Doesn't have any brush waste.....	1	1%

## Appendix C

### Q17A:

Q17A. Would you say some, half or most of your brush waste is thrown into your regular garbage?

N = .....	4	100%
Some.....	2	50%
Half.....	0	0%
Most.....	1	25%
All.....	0	0%
Don't know/Not sure .....	1	25%
Refused .....	0	0%

### Q17B:

Q17B. Would you say some, half or most of your brush waste is recycled at the curb in a yard debris container?

N = .....	67	100%
Some.....	12	18%
Half.....	5	7%
Most.....	11	16%
All.....	39	58%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q17C:

Q17C. Would you say some, half or most of your brush waste is composted at home?

N = .....	23	100%
Some.....	6	26%
Half.....	6	26%
Most.....	5	22%
All.....	5	22%
Don't know/Not sure .....	1	4%
Refused .....	0	0%

### Q17D:

Q17D. Would you say some, half or most of your brush waste is made into chips?

N = .....	8	100%
Some.....	3	38%
Half.....	1	12%
Most.....	2	25%
All.....	1	12%
Don't know/Not sure .....	1	12%
Refused .....	0	0%

## Appendix C

### Q17E:

Q17E. Would you say you haul some, half or most of your brush waste to a compost facility or transfer station?

N = .....	10	100%
Some.....	2	20%
Half.....	1	10%
Most.....	2	20%
All.....	5	50%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

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### Q17F:

Q17F. Would you say some, half or most of your brush waste is left lying where it is?

N = .....	2	100%
Some.....	0	0%
Half.....	1	50%
Most.....	1	50%
All.....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

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### Q17G:

Q17G. Would you say you burn some, half or most of your brush waste?

N = .....	17	100%
Some.....	7	41%
Half.....	4	24%
Most.....	1	6%
All.....	5	29%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

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### Q17H:

Q17H. Would you say some, half or most of your brush waste is taken care of by someone outside of the home or a landscaping service?

N = .....	5	100%
Some.....	0	0%
Half.....	0	0%
Most.....	1	20%
All.....	4	80%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

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### Q17I:

Q17I. Would you say some, half or most of your brush waste is <other>?

N = .....	0	100%
Some.....	0	0%
Half.....	0	0%
Most.....	0	0%
All.....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

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## Appendix C

### Q18:

Q18. What ALL do you do with your plant and garden waste? PROBE: Anything else?

N = .....	74	100%
Dispose in regular garbage .....	3	4%
Recycle at the curb in a yard debris container.....	37	50%
Compost at home/Put in pile .....	37	50%
Use a chipper to make chips .....	3	4%
Just let it lie where it is .....	2	3%
Haul to a compost facility or transfer station .....	6	8%
Burn plant/garden waste .....	3	4%
Landscaping service or someone outside of the home takes care of it.....	2	3%
Give to animals.....	1	1%
Tilled back into soil.....	5	7%
Mulch.....	9	12%
Something else (SPECIFY) .....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%
Doesn't have any plant or garden waste.....	0	0%

### Q18A:

Q18A. Would you say some, half or most of your plant or garden waste is thrown into your regular garbage?

N = .....	3	100%
Some.....	1	33%
Half.....	0	0%
Most.....	2	67%
All.....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q18B:

Q18B. Would you say some, half or most of your plant or garden waste is recycled at the curb in a yard debris container?

N = .....	37	100%
Some.....	10	27%
Half.....	6	16%
Most.....	4	11%
All.....	17	46%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q18C:

Q18C. Would you say some, half or most of your plant or garden waste is composted at home?

N = .....	37	100%
Some.....	7	19%
Half.....	5	14%
Most.....	11	30%
All.....	14	38%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

## Appendix C

### Q18D:

Q18D. Would you say some, half or most of your plant or garden waste is made into chips?

N = .....	3	100%
Some.....	1	33%
Half.....	0	0%
Most.....	2	67%
All.....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q18E:

Q18E. Would you say you haul some, half or most of your plant or garden waste to a compost facility or transfer station?

N = .....	6	100%
Some.....	1	17%
Half.....	2	33%
Most.....	1	17%
All.....	2	33%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q18F:

Q18F. Would you say some, half or most of your plant or garden waste is left lying where it is?

N = .....	2	100%
Some.....	1	50%
Half.....	0	0%
Most.....	0	0%
All.....	1	50%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q18G:

Q18G. Would you say you burn some, half or most of your plant or garden waste?

N = .....	3	100%
Some.....	0	0%
Half.....	1	33%
Most.....	1	33%
All.....	1	33%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

## Appendix C

### Q18H:

Q18H. Would you say some, half or most of your plant or garden waste is taken care of by someone outside of the home or a landscaping service?

N = .....	2	100%
Some.....	0	0%
Half.....	0	0%
Most.....	0	0%
All.....	2	100%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q18I:

Q18I. Would you say some, half or most of your plant or garden waste is <other>?

N = .....	0	100%
Some.....	0	0%
Half.....	0	0%
Most.....	0	0%
All.....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q19:

Q19. Which of the following best describes your yard debris collection service - HOW OFTEN IT IS AVAILABLE, not how often you use it. . .

N = .....	100	100%
One standard size can or paper sack PER WEEK (32 or 35-gallon).....	17	17%
One standard size can or paper sack EVERY OTHER WEEK (32 or 35-gallon can)	40	40%
One extra large size can or cart PER WEEK (60 or 90 gallon) .....	12	12%
Or one extra large size can or cart EVERY OTHER WEEK (60 or 90 gallon).....	16	16%
(DO NOT READ) Once a month or less .....	2	2%
(DO NOT READ) No service/Exempted/Self haul Other (SPECIFY) .....	8	8%
(DO NOT READ) Don't know.....	3	3%
(DO NOT READ) Refused.....	2	2%

### Q19A:

Q19A. How often do you put out your yard debris containers for your regularly scheduled collection in the spring and fall?

N = .....	87	100%
Some of the time.....	13	15%
Half of the time.....	9	10%
Most of the time .....	21	24%
Or all of the time .....	40	46%
(DO NOT READ) Never .....	4	5%
(DO NOT READ) Don't know.....	0	0%
(DO NOT READ) Refused.....	0	0%

## Appendix C

### Q20:

Q20. Which of the following materials do you compost with your food scraps?

N = .....	65	100%
Fruit trimmings.....	59	91%
Vegetable trimmings.....	60	92%
Plate scrapings.....	23	35%
Bread and grains.....	27	42%
Eggshells.....	45	69%
Coffee grounds or tea bags.....	52	80%
Fish.....	2	3%
Meat.....	1	2%
Dairy products (i.e. cheese, milk).....	2	3%
(DO NOT READ) Don't know/Not sure.....	0	0%
(DO NOT READ) Refused.....	1	2%

### Q22:

Q22. What ALL do you do with your food scraps? PROBE: Anything else?

N = .....	100	100%
Dispose in regular garbage.....	70	70%
Put down the garbage disposal or drain.....	46	46%
Compost at home.....	45	45%
Put in a worm bin.....	0	0%
Feed to animals.....	10	10%
Not enough debris to compost.....	2	2%
Burn it.....	0	0%
Other (SPECIFY).....	1	1%
Don't know/Not sure.....	0	0%
Refused.....	0	0%

### Q23A:

Q23A. Would you say some, half or most of your food scraps are disposed with your regular garbage?

N = .....	70	100%
Some.....	22	31%
Half.....	9	13%
Most.....	13	19%
All.....	26	37%
Don't know/Not sure.....	0	0%
Refused.....	0	0%

### Q23B:

Q23B. Would you say some, half or most of your food scraps are. . . Put down the garbage disposal or drain?

N = .....	46	100%
Some.....	20	43%
Half.....	8	17%
Most.....	7	15%
All.....	11	24%
Don't know/Not sure.....	0	0%
Refused.....	0	0%

## Appendix C

### Q23C:

Q23C. Would you say some, half or most of your food scraps are. . . Composted at home?

N = .....	45	100%
Some.....	15	33%
Half.....	6	13%
Most.....	15	33%
All.....	8	18%
Don't know/Not sure .....	1	2%
Refused .....	0	0%

### Q23D:

Q23D. Would you say some, half or most of your food scraps are. . . Put in a worm bin?

N = .....	0	100%
Some.....	0	0%
Half.....	0	0%
Most.....	0	0%
All.....	0	0%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q23E:

Q23E. Would you say some, half or most of your food scraps are. . . Fed to animals?

N = .....	10	100%
Some.....	4	40%
Half.....	4	40%
Most.....	1	10%
All.....	1	10%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q23F:

Q23F. Would you say some, half or most of your food scraps are. . .<other>?

N = .....	1	100%
Some.....	0	0%
Half.....	0	0%
Most.....	0	0%
All.....	1	100%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

### Q24:

Q24. Other than yard debris (and/or food scraps), are there any other materials that you regularly compost such as paper napkins?

N = .....	84	100%
Pet waste.....	3	4%
Any paper (e.g. paper towels and tissues, newspaper and junk mail).....	12	14%
Other (SPECIFY): .....	2	2%
None of the above -- DON'T COMPOST OTHER MATERIALS .....	68	81%
Don't know/Not sure .....	0	0%
Refused .....	0	0%

## Appendix C

### Q32:

Q32. In general, how appealing is the idea of collecting certain types of yard trimmings and food scraps for making compost at home to use on your garden or lawn? Would you say...

N = .....	16	100%
4 - Very appealing .....	2	12%
3 - Somewhat appealing.....	6	38%
2 - Not very appealing --> skip to Q42 .....	6	38%
1 - Not at all appealing --> skip to Q42.....	2	12%
Don't know/Refused.....	0	0%

### Q36:

Q36. Would you be interested in purchasing (another/a) composting bin at a reasonable price sometime in the next 2 years?

N = .....	92	100%
Yes.....	14	15%
No.....	61	66%
Maybe.....	12	13%
Don't know.....	4	4%
Refused.....	1	1%

### Q37A:

Q37A. At what price would it just start to feel that a composting bin from Metro is too expensive and you would not consider purchasing it?

Mean = .....	34.6	
N = .....	92	100%
Don't know.....	7	8%
Refused.....	1	1%

### Q37B:

Q37B. At what price would it just start to feel that a composting bin from Metro is too inexpensive and you would have concerns about its quality or effectiveness?

Mean = .....	13.6	
N = .....	92	100%
Don't know.....	15	16%
Refused.....	2	2%

### Q37C:

Q37C. How likely are you to purchase a home composting bin in the next two years if the retail price was \$45? Would you say you are...

N = .....	31	100%
Definitely likely --> SKIP TO Q38.....	2	6%
Very likely.....	1	3%
Somewhat likely.....	11	35%
Not too likely.....	8	26%
Not at all likely.....	8	26%
(DO NOT READ) Don't know/unsure.....	1	3%

## Appendix C

### Q37D:

Q37D. How likely are you to purchase a home composting bin in the next two years if the retail price was \$35? Would you say you are...

N = .....	29	100%
Definitely likely --> SKIP TO Q38.....	3	10%
Very likely .....	2	7%
Somewhat likely.....	16	55%
Not too likely.....	4	14%
Not at all likely.....	4	14%
(DO NOT READ) Don't know/unsure.....	0	0%

---

### Q37E:

Q37E. How likely are you to purchase a home composting bin in the next two years if the retail price was \$25? Would you say you are...

N = .....	26	100%
Definitely likely --> SKIP TO Q38.....	5	19%
Very likely .....	7	27%
Somewhat likely.....	12	46%
Not too likely.....	0	0%
Not at all likely.....	2	8%
(DO NOT READ) Don't know/unsure.....	0	0%

---

### Q37F:

Q37F. How likely are you to purchase a home composting bin in the next two years if the retail price was \$20? Would you say you are...

N = .....	21	100%
Definitely likely --> SKIP TO Q38.....	4	19%
Very likely .....	5	24%
Somewhat likely.....	8	38%
Not too likely.....	2	10%
Not at all likely.....	2	10%
(DO NOT READ) Don't know/unsure.....	0	0%

---

### Q37G:

Q37G. How likely are you to purchase a home composting bin in the next two years if the retail price was \$15? Would you say you are...

N = .....	17	100%
Definitely likely --> SKIP TO Q38.....	2	12%
Very likely .....	5	29%
Somewhat likely.....	3	18%
Not too likely.....	3	18%
Not at all likely.....	4	24%
(DO NOT READ) Don't know/unsure.....	0	0%

---

## Appendix C

### Q38:

Q38. Do you think Metro and local government should subsidize the cost of compost bins to encourage households to compost at their homes?

N = .....	92	100%
Yes.....	54	59%
Maybe/Depends.....	18	20%
No.....	15	16%
Don't know.....	5	5%

---

### Q39:

Q39. How likely would you be to buy a bin if it was delivered to your house? Would you say you would be ...

N = .....	92	100%
Definitely likely.....	32	35%
Very likely.....	28	30%
Somewhat likely.....	11	12%
Not too likely.....	10	11%
Not at all likely.....	9	10%
(DO NOT READ) Don't know/unsure.....	2	2%

---

### Q39A:

Q39A. How likely would you be to buy a bin if you had to drive 15 minutes or 10 miles to pick it up? Would you say you would be ...

N = .....	92	100%
Definitely likely.....	14	15%
Very likely.....	20	22%
Somewhat likely.....	30	33%
Not too likely.....	12	13%
Not at all likely.....	16	17%
(DO NOT READ) Don't know/unsure.....	0	0%

---

### Q39B:

Q39B. How likely would you be to buy a bin if it were available for purchase only on one or two weekends? Would you say you would be ...

N = .....	92	100%
Definitely likely.....	12	13%
Very likely.....	18	20%
Somewhat likely.....	28	30%
Not too likely.....	13	14%
Not at all likely.....	20	22%
(DO NOT READ) Don't know/unsure.....	1	1%

---



## Appendix C

### Q39C:

Q39C. How likely would you be to buy a bin if it were available for purchase on a combination of weekday evenings and weekend days during one or two weeks during the year? Would you say you would be ...

N = .....	92	100%
Definitely likely.....	16	17%
Very likely.....	24	26%
Somewhat likely.....	28	30%
Not too likely.....	5	5%
Not at all likely.....	15	16%
(DO NOT READ) Don't know/unsure.....	4	4%

### Q39D:

Q39D. How likely would you be to buy a bin if it you had to call Metro ahead of time to reserve it (and then would have to pick it up at a designated time in the future)? Would you say you would be ...

N = .....	92	100%
Definitely likely.....	13	14%
Very likely.....	9	10%
Somewhat likely.....	21	23%
Not too likely.....	21	23%
Not at all likely.....	27	29%
(DO NOT READ) Don't know/unsure.....	1	1%

### Q39E:

Q39E. Would you be more likely to purchase a bin for \$35 at an annual truckload sale or \$60 at your local nursery and home improvement store?

N = .....	92	100%
\$35 at annual truckload sale.....	77	84%
\$60 at local nursery or home improvement store.....	1	1%
Neither.....	9	10%
Don't know/unsure.....	5	5%

### Q39F:

Q39F. How likely would you be to buy a bin if it were sold only through nurseries and home improvement stores? Would you say you would be ...

N = .....	92	100%
Definitely likely.....	7	8%
Very likely.....	14	15%
Somewhat likely.....	24	26%
Not too likely.....	22	24%
Not at all likely.....	24	26%
(DO NOT READ) Don't know/unsure.....	1	1%

## Appendix C

### Q39G:

Q39G. How likely would you be to buy a bin if it were available through your neighborhood association? Would you say you would be ...

N = .....	92	100%
Definitely likely.....	13	14%
Very likely.....	21	23%
Somewhat likely.....	26	28%
Not too likely.....	10	11%
Not at all likely.....	15	16%
(DO NOT READ) Don't know/unsure.....	7	8%

### Q39H:

Q39H. How likely would you be to buy a bin if it were available for purchase through Metros website and could be picked up at a central location? Would you say you would be ...

N = .....	92	100%
Definitely likely.....	15	16%
Very likely.....	23	25%
Somewhat likely.....	22	24%
Not too likely.....	11	12%
Not at all likely.....	19	21%
(DO NOT READ) Don't know/unsure.....	2	2%

### Q39I:

Q39I. How likely would you be to buy a bin if it was supported with an email newsletter on proper usage? Would you say you would be ...

N = .....	92	100%
Definitely likely.....	8	9%
Very likely.....	18	20%
Somewhat likely.....	20	22%
Not too likely.....	13	14%
Not at all likely.....	26	28%
(DO NOT READ) Don't know/unsure.....	7	8%

### Q42:

Q42. About half the households in the region practice backyard composting, which reduces the amount of leaves, grass and brush that they set out for collection. However, all household garbage bills include a fee for the same level of curbside collection of yard trimmings whether households compost in their backyard or not. Would you support a 1% increase in garbage rates (cap up to \$0.20 per month) for all households to have the potential to receive a free home compost bin?

N = .....	100	100%
Yes.....	40	40%
No.....	54	54%
Don't know.....	6	6%
Refused.....	0	0%

## Appendix C

### Q43:

Q43. In the last year, do you remember receiving any information about a sale on two consecutive Saturdays of home compost bins sponsored by Metro and local governments at various locations throughout the region? (It was conducted on two consecutive Saturdays in May)

N = .....	100	100%
Yes.....	47	47%
No.....	48	48%
Don't know.....	5	5%
Refused.....	0	0%

### Q43A:

Q43A. How did you hear about it?

N = .....	47	100%
Oregonian article or print ad.....	7	15%
Oregonian Home and Garden section.....	7	15%
Oregonian FLYER/INSERT IN THE SHAPE OF A COMPOST BIN .....	12	26%
Community newspaper article or print ad.....	3	6%
Community newspaper FLYER/INSERT IN THE SHAPE OF A COMPOST BIN .	0	0%
Willamette Week.....	2	4%
Postcard.....	5	11%
Word of mouth.....	2	4%
Direct Mail.....	2	4%
Newsletter.....	1	2%
Through the garbage bill.....	1	2%
Other (SPECIFY) .....	2	4%
Don't remember .....	3	6%
Refused.....	0	0%

### Q43B:

Q43B. In the last year, have you been a subscriber to the daily Oregonian (as opposed to Sunday-only subscribers)?

N = .....	100	100%
Yes.....	82	82%
No.....	18	18%
Not sure.....	0	0%
Refused.....	0	0%

## Appendix C

### Q43CA:

Q43CA. What would be the one best way to notify you of a sale of home compost bins?		
N = .....	100	100%
Direct mail (post card or flyer).....	31	31%
Garbage bill .....	6	6%
Newsletter from local government.....	2	2%
Newsletter from neighborhood association.....	0	0%
Newspaper Home and Garden.....	19	19%
Newspaper article or ad .....	18	18%
Radio .....	1	1%
TV.....	2	2%
Information at nurseries and home improvement stores.....	1	1%
Newspaper FLYER/INSERT IN THE SHAPE OF A COMPOST BIN .....	6	6%
Email .....	7	7%
Telephone.....	1	1%
Other (SPECIFY) .....	2	2%
Not interested.....	4	4%

### Q43CB:

Q43CB. What is the second best option to reach you about a home compost bin sale?		
N = .....	100	100%
Direct mail (post card or flyer).....	18	18%
Garbage bill .....	9	9%
Newsletter from local government.....	3	3%
Newsletter from neighborhood association.....	2	2%
Newspaper Home and Garden.....	6	6%
Newspaper article or ad .....	19	19%
Radio .....	3	3%
TV.....	4	4%
Information at nurseries and home improvement stores.....	0	0%
Newspaper FLYER/INSERT IN THE SHAPE OF A COMPOST BIN .....	9	9%
Email .....	11	11%
Telephone.....	4	4%
Other (SPECIFY) .....	0	0%
Don't know/not sure .....	8	8%
No other options .....	4	4%

### Q44:

Q44. Which of the following best describes your household's level of garbage service. . .		
N = .....	100	100%
One small size mini-can per WEEK (20-gallon).....	20	20%
One standard size can per WEEK (32 or 35-gallon).....	57	57%
One or more extra large cans or carts per week (60 or 90-gallon).....	8	8%
Two or more standard cans per WEEK (32 or 35-gallon).....	3	3%
One standard size can per MONTH (32-gallon).....	7	7%
On-call service for standard size can (32-gallon).....	2	2%
Or do you haul garbage yourself .....	1	1%
(DO NOT READ) No service/Don't use service.....	0	0%
(DO NOT READ) Other (SPECIFY) .....	2	2%
(DO NOT READ) Don't know/Not sure.....	0	0%
(DO NOT READ) Refused.....	0	0%

## Appendix C

### Q45:

Q45. Do you currently participate in your city's curbside recycling collection program for paper, glass, metal and plastics?

N = .....	100	100%
Yes.....	96	96%
No, don't have curbside recycling service (self haul my garbage so I don't have recycling service)	3	3%
No, have service, but don't participate .....	0	0%
Don't know .....	1	1%
Refused .....	0	0%

### Q46:

Q46. If food scraps could be mixed with yard trimmings and set out at the curb for WEEKLY collection, how interested would your household be in separating out its food scrap and compostable paper to participate in such a service? Please use a scale of 1 to 5, where 1 means "Not all interested" and 5 means "Definitely interested."

N = .....	100	100%
5 - Definitely interested .....	28	28%
4.....	11	11%
3.....	14	14%
2.....	12	12%
1 - Not at all interested.....	31	31%
Don't know/unsure.....	4	4%

### Q47:

Q47. Do you buy compost to use on your garden or lawn...

N = .....	97	100%
Several times a year .....	9	9%
Annually.....	31	32%
Less than once a year; or.....	15	15%
Never.....	40	41%
Refused .....	2	2%

### Q48A:

Q48A. Have you treated your lawn with a non-organic weed and feed (fertilizer with chemical herbicide) mix in the past year?

N = .....	91	100%
Yes, by someone in the household.....	27	30%
Yes, by a professional lawn service.....	7	8%
Yes, both.....	0	0%
No.....	55	60%
Don't know.....	2	2%

### Q48B:

Q48B. How frequently do you treat your lawn with weed and feed?

N = .....	34	100%
1x per year .....	19	56%
2x per year .....	10	29%
3 or more times per year .....	3	9%
Don't know.....	2	6%

## Appendix C

### Q49:

Q49. Now just some questions for classification purposes. Do you live in . . .

N = .....	100	100%
The City of Portland.....	47	47%
Gresham or Wood Village .....	7	7%
Somewhere else in Multnomah County.....	1	1%
Clackamas County.....	23	23%
Beaverton.....	1	1%
Or somewhere else in Washington County?.....	21	21%
(DO NOT READ) Somewhere else (SPECIFY) .....	0	0%
(DO NOT READ) Don't know.....	0	0%
(DO NOT READ) Refused.....	0	0%

### Q50:

Q50. Do you rent or own your home?

N = .....	100	100%
Rent .....	4	4%
Own .....	96	96%
Refused.....	0	0%

### AGE:

AGE. Which of the following categories best describes your age group?

N = .....	100	100%
Under 25.....	0	0%
25 to 34 .....	1	1%
35 to 44 .....	12	12%
45 to 54 .....	27	27%
55 to 64 .....	21	21%
Or 65 or over.....	39	39%
Refused.....	0	0%

### Q51A:

Q51A. Including yourself and any children, how many people live in your household?

N = .....	100	100%
One .....	14	14%
Two .....	48	48%
Three .....	20	20%
Four .....	13	13%
Five or more.....	4	4%
Refused.....	1	1%

### Q51B:

Q51B. How long have you lived at your current address?

N = .....	100	100%
Under 1 year .....	0	0%
1-2 years.....	3	3%
3-5 years.....	12	12%
6-9 years.....	15	15%
10 or more years .....	70	70%
Refused.....	0	0%

## Appendix C

### Q51C:

Q51C. Where was your previous residence?

N = .....	3	100%
Within Metro region (Clackamas Co, Multnomah Co, Washington Co).....	2	67%
Outside Metro region, but within Oregon.....	0	0%
Different state or abroad.....	1	33%
Refused.....	0	0%

### Q52:

Q52. What is the highest level of education you have had the opportunity to complete?

N = .....	100	100%
Less than high school.....	0	0%
High school graduate (GED).....	14	14%
Some college.....	26	26%
College graduate - 4 year.....	34	34%
Post graduate degree.....	26	26%
Refused.....	0	0%

### Q54:

Q54. Which of the following best describes your total annual household income before taxes...

N = .....	100	100%
\$25,000 or less.....	11	11%
\$25,001 to \$50,000.....	23	23%
\$50,001 to \$75,000.....	18	18%
\$75,001 to \$100,000.....	13	13%
Or \$100,001 or over.....	7	7%
Refused.....	28	28%

### BB:

BB. Were you composting before you purchased your Metro compost bin?

N = .....	100	100%
Yes.....	48	48%
No.....	46	46%
DK.....	3	3
Refused.....	1	1
Unable to reach.....	2	2

### GEND:

RECORD GENDER

N = .....	100	100%
Male.....	41	41%
Female.....	59	59%

## Appendix D

### **Banners for the Metro 2004 Home Composting Telephone Survey**

Cross tab tables for the general population and bin owner samples are available with the following banners. The numbers in parentheses refer to the question (e.g., Q27) and the answers to that question as they appear on the questionnaire (e.g., 1). Some banner points refer to summary tables that use data from more than one question.

#### **Banner 1**

Total

Compost Yard Debris or Food Scraps

Yes

No

Compost Yard Debris (Q7)

Yes (1)

Stopped (2)

Landscaper (3)

Never (4)

Compost Food Scraps (Q10)

Yes (1)

Stopped (2)

Never (3)

Composting Method (Q13 or Q13B)

Metro bin (11)

Store bin (12)

Made bin (13)

Pile (14)

Mulch (17)

Metro Bin Owners, Year

1995

1996

2000

2001

Metro Bin Owners, Metro bin use

Currently using the Metro bin

Stopped using the Metro bin

Never tried using the bin

Metro Bin Owners, Compost experience before bin purchase (QBB1)

Composted before bin purchase (1)

Not compost before bin purchase (2)



## Appendix D

### Location (Q49)

- Portland (11)
- Gresham/MultCo (12,13)
- Clackamas County (14)
- Washington County/Beaverton (15,16)

### **Banner 2**

#### Total

#### Garden (Q5)

- Food or Food & Flowers (11,13)
- Flowers Only (12)
- No (Q4 = 2)

#### Lot Size (Q1A)

- Standard urban (11)
- Urban double/suburban (12,13)
- Half an acre or larger (14)

#### Income (Q54)

- \$25,000 or less (1)
- \$50,000 or less (2)
- \$50,001 to \$75,000 (3)
- \$75,001 or more (4,5)

#### Education (Q52)

- HS or less (1,2)
- College-Some (3)
- College-4 year/Post Grad (4,5)

#### Age (AGE)

- 34 or Under (1,2)
- 35 to 54 (3,4)
- 55 or Older (5,6)

#### Household Size (Q51A)

- 1 (1)
- 2 (2)
- 3 or more (3,4,5)

#### Residence (Q51B)

- 2 years or less (1,2)
- 3 to 9 years (3,4)
- 10 years or more (5)

## Appendix D

### Banner 3

Total

Backyard composting appeal (Q32)

Very appealing (4)

Somewhat appealing (3)

Not appealing (1,2)

Interest in purchasing a compost bin (Q36)

Yes (1)

Maybe (3)

No (2, Q32=1,2)

Info on home composting bin sale (Q43)

Yes (1)

No (2)

Buy compost (Q47)

At least annually (1,2)

Infrequently (3)

Never (4)

Yard debris service level (Q19)

Weekly standard container (11)

Weekly large container (13)

EOW (every other week) standard container (12)

EOW large container (14)

None (99)

Yard debris collection frequency (Q19A)

All (4)

Most (3)

Half/Some (1,2)

Never (5)

Garbage service level (Q44)

Minimal or none (14,16,17,18)

Minican (20G) (11)

Standard (32G or 35G)(12)

Large (60G or 90G) (13,15)