

October 4, 2018

To: Toby Van Fleet, Metro
From: Anne Buzzini, DHM Research
Re: Project, #00779

INTRODUCTION & METHODOLOGY

From September 17–28, 2018 DHM Research conducted an online survey of residents in the Greater Portland region. The purpose of the survey was to establish baselines for benchmarking attitudes over time, to measure confusion about contamination, and to inform future communications.

Research Methodology: The online survey consisted of 600 residents, including 200 from Clackamas, Multnomah, and Washington counties. The survey took was offered in both English and Spanish and took approximately 15 minutes to complete. This is a sufficient sample size to assess resident opinions generally and to review findings by multiple subgroups, including age, gender, and county.

Respondents were members of a professionally-maintained online panel and were invited to the survey by email. In gathering responses, a variety of quality control measures were employed, including questionnaire pre-testing and validation. Quotas were set by age, gender, education, county, and race/ethnicity to ensure a representative sample and the data was weighted by split sample to match the demographic makeup of the region.

Statement of Limitations: Any sampling of opinions or attitudes is subject to a margin of error. The margin of error is a standard statistical calculation that represents differences between the sample and total population at a confidence interval, or probability, calculated to be 95%. This means that there is a 95% probability that the sample taken for this study would fall within the stated margin of error if compared with the results achieved from surveying the entire population. The margin of error for this survey is +/- 4.9%.

DHM Research Background: DHM Research has been providing opinion research and consultation throughout the Pacific Northwest and other regions of the United States for over 40 years. The firm is nonpartisan and independent and specializes in research projects to support public policy making.

Metro Recycling Survey
September 17–28, 2018
English and Spanish
Residents of Multnomah, Clackamas, and Washington Counties
N=600; margin of error +/-4.9%
15 minutes
DHM Research
#00779

Disqualification page

Unfortunately, you haven't qualified for any surveys at this time. We hope you'll try again later.

SCREENER AND NECESSARY DEMOS

New page

S1. Would you say that in your household you speak...? / ¿Diría que en su hogar usted habla...?

Response Category	n=600
Spanish all the time / Español todo el tiempo (PIPE to Spanish)	<1%
Spanish more than half of the time / Español más de la mitad del tiempo (PIPE to Spanish)	1%
Spanish and English equally / Español e inglés por igual (PIPE to English)	2%
English more than half of the time / Inglés más de la mitad del tiempo (PIPE to English)	5%
English all the time / Inglés todo el tiempo (PIPE to English)	92%

New page

1. Which of the following best describes your household?

Response Category	n=600
A single-family home	74%
A multi-family home, such as an apartment or condo complex	22%
Something else	4%

2. Does your household receive a bill from your recycling provider, or is it paid by someone else, such as a landlord?

Response Category	n=600
My household receives a bill and pays it directly	67%
Someone else, like a landlord, pays my bill	29%
Don't know	4%

INTRODUCTION AND AWARENESS (WARM UP)

New page

3. When it comes to home recycling service in the greater Portland area, which includes Clackamas, Multnomah, and Washington Counties, are you:

Response Category	n=600
Very satisfied	51%
Somewhat satisfied	41%
Somewhat dissatisfied	5%
Very dissatisfied	2%
Don't know	2%

New page

4. Have you recently heard or read anything about recycling in our region?

Response Category	n=600
Yes	41%
No (SKIP to Q7)	59%

New page

5. (If “yes” to Q4) Briefly, what have you read or heard? (open)

Response Category	n=247
China is not accepting materials	16%
Information about what can and can't be recycled	13%
Some times are not recyclable	10%
Area recycling positive mention	7%
Changes in policies, what is accepted	7%
Redeemable bottles, Bottle Drop	4%
Wrong times, in bins	4%
Encouraging people to recycle	4%
You may be fined for recycling wrong	4%
Reduced recycling pickup	3%
Increased rates	3%
Saw article about recycling	3%
Items that should be recycled are not accepted	3%
All other items	2% or less
None, nothing	8%
Don't know	1%

6. (If “yes” to Q4) Would you say that what you read or heard changed your understanding of what items should go in your home recycling bin? (rotate choices A and B)

Response Category	n=247
Yes, I think I now have a better understanding of what should go in my home recycling bin.	47%
Yes, I am now more confused about what should go in my recycling bin.	17%
No, I am recycling as I was before.	34%
Don't know	2%

RECYCLING BEHAVIORS AND CONTAMINATION

New page

On a scale of 1 to 5, please rank yourself about how you recycle.

7. Thinking about your behavior at home, do you...

Response Category	n=600
1- Never recycle	<1%
2- Rarely recycle	1%
3- Sometimes recycle	4%
4- Often recycle	30%
5- Always recycle	64%

8. When comparing yourself to other people you know, would you say you are...

Response Category	n=600
1- Much less informed about recycling at home	2%
2- Somewhat less informed about recycling at home	4%
3- About as informed about recycling at home	33%
4- Somewhat more informed about recycling at home	34%
5- Much more informed about recycling at home	24%
Don't know	3%

New page

You will now see a series of household items. For each item, please indicate whether you believe the item, in its current condition, can be recycled through your home recycling service, or whether it should be put into the garbage. Even if you aren't sure, make your best guess.

[RANDOMIZE Q9–16]



9. [Hinged plastic to-go container]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	32%
Yes, I'm somewhat confident it can be recycled at home	23%
No, I'm somewhat confident that it cannot be recycled at home	19%
No, I'm very confident that it cannot be recycled at home	25%



10. [Plastic berry container]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	36%
Yes, I'm somewhat confident it can be recycled at home	25%
No, I'm somewhat confident that it cannot be recycled at home	18%
No, I'm very confident that it cannot be recycled at home	21%



11. [Round plastic tub]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	63%
Yes, I'm somewhat confident it can be recycled at home	27%
No, I'm somewhat confident that it cannot be recycled at home	7%
No, I'm very confident that it cannot be recycled at home	3%



12. [Square plastic tub]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	42%
Yes, I'm somewhat confident it can be recycled at home	29%
No, I'm somewhat confident that it cannot be recycled at home	16%
No, I'm very confident that it cannot be recycled at home	13%



13. [Plastic bags]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	17%
Yes, I'm somewhat confident it can be recycled at home	12%
No, I'm somewhat confident that it cannot be recycled at home	19%
No, I'm very confident that it cannot be recycled at home	53%



14. [Paper coffee cup]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	43%
Yes, I'm somewhat confident it can be recycled at home	19%
No, I'm somewhat confident that it cannot be recycled at home	19%
No, I'm very confident that it cannot be recycled at home	19%



15. [Frozen food box]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	74%
Yes, I'm somewhat confident it can be recycled at home	15%
No, I'm somewhat confident that it cannot be recycled at home	5%
No, I'm very confident that it cannot be recycled at home	6%



16. [Lids]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	34%
Yes, I'm somewhat confident it can be recycled at home	23%
No, I'm somewhat confident that it cannot be recycled at home	21%
No, I'm very confident that it cannot be recycled at home	22%

New page

[randomize Q17–19]



17. [Hinged plastic to-go container]

You indicated that this item [can be recycled at home / cannot be recycled at home]. Why do you think that? *Select all that apply.*

[can be recycled at home]

Response Category	n=333
Because of its shape	4%
Because of what it's made of, like plastic or paper	70%
Because the packaging indicates that it's recyclable	26%
Because of a number on the packaging	8%
Not sure why, it's just something I've been told	7%
Other (open)	2%
Don't know (exclusive category)	1%

[cannot be recycled at home]

Response Category	n=267
Because of its shape	6%
Because of what it's made of, like plastic or paper	49%
Because the packaging indicates that it's recyclable	1%
Because of a number on the packaging	10%
Not sure why, it's just something I've been told	27%
Other (open)	11%
Don't know (exclusive category)	2%



18. **[Plastic bags]**

You indicated that this item **[can be recycled at home / cannot be recycled be at home]**. Why do you think that? *Select all that apply.*

[can be recycled at home]

Response Category	n=171
Because of its shape	6%
Because of what it's made of, like plastic or paper	76%
Because the packaging indicates that it's recyclable	9%
Because of a number on the packaging	5%
Not sure why, it's just something I've been told	9%
Other (open)	4%
Don't know (exclusive category)	2%

[cannot be recycled at home]

Response Category	n=429
Because of its shape	3%
Because of what it's made of, like plastic or paper	51%
Because the packaging indicates that it's recyclable	<1%
Because of a number on the packaging	1%
Not sure why, it's just something I've been told	32%
Other (open)	15%
Don't know (exclusive category)	2%



19. **[Square plastic tub]**

You indicated that this item **[can be recycled at home / cannot be recycled at home]**. Why do you think that? *Select all that apply.*

[can be recycled at home]

Response Category	n=430
Because of its shape	4%
Because of what it's made of, like plastic or paper	55%
Because the packaging indicates that it's recyclable	46%
Because of a number on the packaging	12%
Not sure why, it's just something I've been told	5%
Other (open)	2%
Don't know (exclusive category)	1%

[cannot be recycled at home]

Response Category	n=170
Because of its shape	9%
Because of what it's made of, like plastic or paper	46%
Because the packaging indicates that it's recyclable	3%
Because of a number on the packaging	14%
Not sure why, it's just something I've been told	23%
Other (open)	8%
Don't know (exclusive category)	5%

New page

20. Which of the following statements best describes what you do with items when you are not sure if they can be recycled at home? **[randomize responses 1–3]**

Response Category	n=600
I put it in the recycling bin	21%
I throw the item away (SKIP to split sample test)	53%
I look for more information about the item, such as searching the web or calling my provider (SKIP to split sample test)	25%
Don't know (SKIP to split sample test)	2%

New page

21. (If “I put it in the recycling bin” to Q20) Which of the following describe why you put items in the recycling bin when you aren't sure whether they can be recycled at home? *Check all that apply.* **[randomize responses 1–3]**

Response Category	n=126
I hope the item is recyclable	58%
I think my recycling provider will remove the item if it isn't recyclable	53%
I don't have room in my garbage bin	5%
Another reason	6%

New page [SPLIT SAMPLE: A, B, AND C MATERIALS]

The following is some additional information about the region's home recycling program. Please read it carefully.

[SPLIT A—WHAT GOES IN THE BIN]

There are three general categories of mixed materials that can go in your home recycling bin.

Recyclable paper

- Envelopes (including plastic windows), catalogs and junk mail all can be tossed into the recycling bin.

- Newspapers and magazines: Should be loose. No stringed bundles.
- Scrap paper: Includes phone books, toilet paper rolls, catalogs, shredded paper (bagged) and junk mail (clear plastic windows are OK).
- Food boxes: Includes cereal boxes, cardboard egg cartons, milk and juice cartons, and soup and broth cartons that don't need refrigeration (also known as aseptic containers).
- Corrugated cardboard and brown paper bags: Flattened. No strings.
- Wrapping paper and cards: No foil, glitter or plastic coatings.

Recyclable plastic

- Bottles with necks: 6 ounces or larger
- Tubs: Includes yogurt, salsa, sour cream and dip containers 6 ounces or larger. Rinsed. No lids.
- Jugs and jars: Includes milk jugs and peanut butter jars. Rinsed. No lids.
- Rigid plant pots: 4-inch or larger.
- Buckets: 5 gallons or smaller. Handles are OK.

Recyclable metal

- Tin and steel food cans should be rinsed before being put in the recycling bin.
- Aluminum: Cans, clean foil, and food trays. No baked-on food.
- Steel and tin food cans. Empty aerosol cans.
- Dry metal paint cans: Less than an inch of paint is OK.
- Small metal items and scrap metal: Includes bottle caps, nails, and metal items smaller than 30 inches and lighter than 30 pounds.

Glass is kept separate from other recyclable materials.

Recyclable glass

Rinsed glass jars of any color can be recycled infinitely to make new glass products. Just remember to take the lids off.

- Bottles and jars: Rinsed. All colors OK. No lids. Nothing broken.

When in doubt, throw it out. Or consider new ways to reuse, repair and share.

[SPLIT B: WHAT STAYS OUT]

Here are eight things to keep out of recycle bins

1. Plastic bags

Do not put any kind of plastic bag in your recycling bin. Plastic bags, as well as “film” plastic like the stuff your toilet paper comes wrapped in, create huge headaches for recycling facilities. They jam up machinery and shut down work.

2. Plastic to-go containers

They are popular packaging for anything from hardware supplies to deli items and produce. It can be confusing to find the triangular chasing-arrow recycling symbol on many of them, but that symbol does not indicate what goes in the home recycling bin. They belong in the garbage.

3. Plastic bottle tops and lids

They are too small or too flat to be sorted properly. Bottle tops are often made from a different plastic than their bottles and cannot be recycled with them. Plastic lids—like the tops of yogurt or spreadable butter tubs—often end up at paper mills where they contaminate the recycling process.

4. Frozen and refrigerated food boxes

Most of these food boxes are penetrated with plastic. It's impossible to separate the plastic from the paper for recycling. Milk and juice cartons are exceptions. Otherwise, as a general rule, if it came out of the freezer or fridge, it should go in the trash.

5. Coffee cups

Most disposable coffee cups, like frozen food boxes, are treated with a moisture barrier. These coatings are hard to separate from the paper, and that means our disposable cups are not recyclable and not compostable.

6. Take-out pizza boxes

There is no way to separate the cardboard from greasy pizza remnants. Residents of Beaverton, Forest Grove, Lake Oswego, Milwaukie and Portland can put them in yard debris bins. If you live elsewhere, throw them in the trash.

7. Styrofoam

Unless you're willing to drive, all foam products including packaging foam, packing peanuts, egg cartons, meat trays, and cups belong in the trash. One facility in Tigard will take your Styrofoam, but if you live in North Portland, that may not pencil out environmentally. Another option: See if your neighborhood mail store will take (clean) packaging peanuts off your hands.

8. Batteries

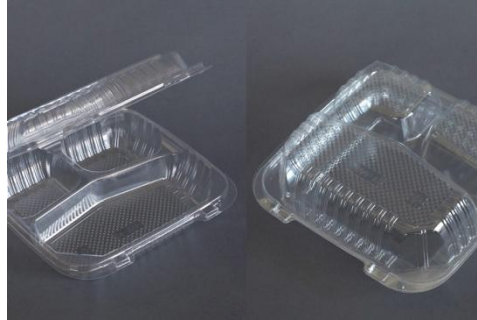
There are potentially hazardous chemicals in all batteries. The best option is to take them to a hazardous waste facility or collection event.

[SPLIT C: INFOGRAPHIC PROVIDED IN ENGLISH AND SPANISH]

New page—SHOW ALL

Considering what you just read, please indicate again if you believe that each item, in its current condition, may be recycled through your home recycling service, or whether it should be put into the garbage. If you are still not sure, make your best guess.

[RANDOMIZE Q22–29]



22. [Hinged plastic to-go container]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	26%
Yes, I'm somewhat confident it can be recycled at home	17%
No, I'm somewhat confident that it cannot be recycled at home	19%
No, I'm very confident that it cannot be recycled at home	38%



23. [Plastic berry container]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	29%
Yes, I'm somewhat confident it can be recycled at home	19%
No, I'm somewhat confident that it cannot be recycled at home	17%
No, I'm very confident that it cannot be recycled at home	34%



24. [Round plastic tub]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	58%
Yes, I'm somewhat confident it can be recycled at home	24%
No, I'm somewhat confident that it cannot be recycled at home	7%
No, I'm very confident that it cannot be recycled at home	10%



25. [Square plastic tub]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	35%
Yes, I'm somewhat confident it can be recycled at home	21%
No, I'm somewhat confident that it cannot be recycled at home	17%
No, I'm very confident that it cannot be recycled at home	27%



26. [Plastic bags]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	13%
Yes, I'm somewhat confident it can be recycled at home	6%
No, I'm somewhat confident that it cannot be recycled at home	15%
No, I'm very confident that it cannot be recycled at home	66%



27. [Paper coffee cup]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	35%
Yes, I'm somewhat confident it can be recycled at home	15%
No, I'm somewhat confident that it cannot be recycled at home	15%
No, I'm very confident that it cannot be recycled at home	36%



28. [Frozen food box]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	57%
Yes, I'm somewhat confident it can be recycled at home	13%
No, I'm somewhat confident that it cannot be recycled at home	8%
No, I'm very confident that it cannot be recycled at home	23%



29. [Lids]

Response Category	n=600
Yes, I'm very confident that it can be recycled at home	22%
Yes, I'm somewhat confident it can be recycled at home	12%
No, I'm somewhat confident that it cannot be recycled at home	16%
No, I'm very confident that it cannot be recycled at home	49%

New page

Some items can't be recycled at home but may be accepted for recycling at other locations. Some examples of these items include paint, batteries, electronics and plastic bags.

30. Do you ever recycle these items by bringing them to a specific location, rather than putting them in the garbage?

Response Category	n=600
Yes, I always do this if an item is accepted for recycling somewhere	30%
Yes, on occasion	40%
No, never	30%

CONFIDENCE IN REGIONAL RECYCLING SYSTEM

New page

The following questions are about the recycling in the greater Portland area, which includes Clackamas, Multnomah and Washington counties.

31. All things considered, how would you rate your confidence in our region's home recycling program?

Response Category	n=600
Very confident	25%
Somewhat confident	60%
Not too confident	10%
Not at all confident	3%
Don't know	1%

32. To the best of your knowledge, is the greater Portland region's home recycling program improving, staying the same, or getting worse?

Response Category	n=600
Improving a lot	13%
Improving somewhat	35%
Staying the same	32%
Getting somewhat worse	10%
Getting much worse	2%
Don't know	8%

New page

33. (If respondent pays bill / Q2=1) Are you getting a good value, or not, for what you pay for your home recycling service?

Response Category	n=402
Very good	24%
Good	59%
Poor	9%
Very poor	3%
Don't know	6%

New page

34. (If respondent does not pay bill or is not sure / Q2=2 OR Q2=98) How would you rate the quality of your home recycling service?

Response Category	n=198
Very good	33%
Good	56%
Poor	5%
Very poor	2%
Don't know	4%

New page

35. (If Q31=R1, R2, R3, or R4) Why did you say you are [confidence level / input response from Q31, e.g., “very confident”] in our region’s recycling system? (open)

Response Category	n=511
Good service, good communication	24%
Our area is a leader, recycles a lot	14%
People care about the environment	13%
Providers educate customers about what is accepted	8%
Not everyone cares about recycling	5%
Satisfied, general	4%
Reliable system	4%
Could be better	4%
No complaints	4%
Not sure if items are actually recycled	4%
Need to provide more education	4%
Need more information about recycling items not accepted curbside	3%
Poor service, general	3%
You can take additional items to recycling facilities	3%
Trust providers, system	3%
All other responses	2% or less
None, nothing	7%
Don't know	3%

New page

36. Which of the following statements best describes what you believe happens to items collected from home recycling bins in the greater Portland area, even if neither statement matches your opinion exactly? (randomized)

Response Category	n=600
Most items are thrown away, but some are recycled.	21%
Most items are recycled, but some are thrown away.	71%
Don't know	8%

RECYCLING VALUES AND MOTIVATIONS

New page

37. Thinking back to when you first began recycling in your life, regardless of what age, was that in the greater Portland region, or somewhere else?

Response Category	n=600
Greater Portland region (Clackamas, Multnomah and Washington counties)	66%
Another part of Oregon	6%
Somewhere else	26%
Don't know	2%

38. How much, if at all, does it bother you to see people throwing away things in the trash that could be recycled?

Response Category	n=600
A lot	44%
Some	41%
Not too much	11%
None	3%
Don't know	1%

New page

People are motivated to recycle at home for different reasons. For each of the following, indicate whether or not it is a motivation for you. [randomize Q39–45] [Programmer's note: Grid okay for desktop.

Does this automatically convert to individual questions for mobile?]

Response Category	Most important motivation	A strong motivation, but not the most important	Only a weak motivation	Not a motivation at all
39. Protect our environment for future generations	69%	23%	6%	2%
40. Save space in garbage bin	23%	36%	28%	13%
41. Habit	25%	52%	18%	5%
42. Avoid negative judgment of others	6%	20%	29%	46%
43. Reduce waste	57%	37%	5%	1%
44. Save space in a landfill	41%	42%	12%	5%
45. Reduce our reliance on resources, like petroleum	38%	42%	15%	5%

New page

The following are statements that people sometimes make about why they do not recycle at home. Indicate if you agree or disagree with each. [randomize Q46–50. Do not use grids.]

46. I've heard that putting the wrong things in my home recycling bins can cause problems, so when I'm unsure if something can be recycled I just put it in the trash.

Response Category	n=600
Strongly agree	19%
Somewhat agree	47%
Somewhat disagree	22%
Strongly disagree	11%
Don't know	1%

47. A lot of the stuff that we put into our home recycling bins just ends up in the landfill anyways.

Response Category	n=600
Strongly agree	6%
Somewhat agree	30%
Somewhat disagree	32%
Strongly disagree	23%
Don't know	9%

48. They are always changing the rules about what can and cannot go in our home recycling bins, so more and more I just put my stuff in the trash.

Response Category	n=600
Strongly agree	7%
Somewhat agree	23%
Somewhat disagree	31%
Strongly disagree	35%
Don't know	3%

49. Recycling doesn't make a difference.

Response Category	n=600
Strongly agree	3%
Somewhat agree	8%
Somewhat disagree	16%
Strongly disagree	71%
Don't know	1%

50. It's too hard for me to recycle at home because I don't have the space to keep and recycle items.

Response Category	n=600
Strongly agree	5%
Somewhat agree	14%
Somewhat disagree	20%
Strongly disagree	60%
Don't know	1%

SOURCES OF INFORMATION

New page

51. Would you say you are satisfied or dissatisfied with the information you may receive about home recycling in the greater Portland region?

Response Category	n=600
Very satisfied	25%
Somewhat satisfied	52%
Somewhat dissatisfied	15%
Very dissatisfied	3%
I do not pay attention to any information about recycling	3%
Don't know	2%

52. In the future, which of the following places or resources for learning more about home recycling in our region would you be most likely to use or read? *Check all that apply. (randomize responses 1–10)*

Response Category	n=600
Television ads	24%
Radio ads	10%
Facebook ads	17%
A newsletter mailed to my home	46%
A refrigerator magnet	35%
A sticker on my recycling bin	49%
Metro News	18%
My garbage bill	35%
My local government website	20%
Call an expert or hotline on the phone	10%
Other (please specify)	3%
(exclusive category) None of these	3%

MESSAGING

New page

The following is a description of how to recycle different items in our region. As you read the description, please highlight the words and phrases that are most helpful to you and those words and phrases that are least helpful or confusing.

[Heatmap of the following text]

Contamination lowers the quality of the recyclable material. China is no longer willing to sort recycling that is contaminated. Putting materials in the curbside bin that don't belong there makes recycling more expensive to sort.

Residential recycling rules haven't changed. Many rigid plastics are imprinted with the chasing arrows symbol, but that does not indicate what you can recycle curbside. When it comes to plastics, sort by shape and not by number.

Plastic tubs 6 ounces or larger can be recycled at the curb. You can place cartons and aseptic containers in your home recycling bin.

Deli containers and salad containers may have recycling symbols on them, but they are not recyclable in the greater Portland area. Plastic and paper to-go containers are not accepted in the home recycling bin. Freezer boxes are not recyclable curbside.

FINAL QUESTION

New page

53. In the future, what would help you recycle more and be assured that you are putting the correct items in the bin? **(open)**

Response Category	n=600
A sticker on bins	17%
Being more informed and educated	16%
Easy graphic, labeling	14%
Refrigerator magnet	12%
List what can and can't be recycled	11%
Allow to recycle more items	8%
Frequent updates and mail	6%
Newsletter put out by garbage company and local government	6%
Menu printout and list in recycling area	4%
Mention of recycling symbol on packaging	3%
A flyer with specific examples	3%
All other responses	2% or less
None, nothing	8%
Don't know	4%

DEMOGRAPHICS

New page

54. Which of the following ranges includes your age?

Response Category	n=600
18–24	11%
25–34	20%
35–44	20%
45–54	16%
55–64	16%
65–74	13%
75 and older	4%

55. How do you describe your gender? *Select all that apply.*

Response Category	n=600
Female	51%
Male	48%
Agender	n=2
Cisgender	1%
Genderqueer	1%
Transgender	1%
A gender not listed above (open—do not require an entry)	n=3

56. When asked to identify your racial or ethnic identity, how do you identify? *Select all that apply.*

Response Category	n=600
American Indian or Alaska Native	2%
Asian or Asian American	6%
Black or African American	3%
Hispanic, Latino/a/x	5%
Middle Eastern, North African, or Arab American	n=1
Pacific Islander/Native Hawaiian	1%
White or European American	85%
Another race or ethnicity not listed above	2%

57. What Oregon county do you live in?

Response Category	n=600
Clackamas	26%
Multnomah	44%
Washington	30%
Another county in Oregon (TERM)	--
I don't live in Oregon (TERM)	--

58. Which city do you live in? (dropdown)

Response Category	n=600
Banks	n=2
Barlow	--
Beaverton	9%
Canby	1%
Cornelius	1%
Durham	--
Estacada	1%
Fairview	2%
Forest Grove	1%
Gladstone	2%
Gresham	5%
Happy Valley	1%
Hillsboro	5%
Johnson City	--
King City	n=1
Maywood Park	--
Milwaukie	5%
Molalla	2%
North Plains	--
Oregon City	5%
Portland	41%
Sandy	1%
Sherwood	2%
Tigard	5%
Troutdale	n=2
West Linn	2%
Wood Village	n=2
Other	5%
Unincorporated area	3%
Don't know	--
Prefer not to answer	n=1

59. Which of the following best represents the annual income of your household before taxes?

Response Category	n=600
Less than \$10,000	7%
\$10,000 to \$19,999	8%
\$20,000 to \$29,999	11%
\$30,000 to \$49,999	16%
\$50,000 to \$74,999	19%
\$75,000 to \$99,999	16%
\$100,000 to \$149,999	12%
\$150,000 or more	5%
Don't know	n=1
Prefer not to answer	6%

60. What is your education experience?

Response Category	n=600
Less than high school	1%
Some high school	3%
High school diploma	25%
Some college or an Associate's or 2-year technical degree	34%
Bachelor's degree	22%
Post-graduate work	3%
Post-graduate degree	12%
Other (open—do not require a response)	1%

Closing pages

[English version]

Thank you for your response.

Recycling questions? Ask Metro at 503-234-3000 or visit our website. **[Hyperlink underlined: <https://www.oregonmetro.gov/tools-living/garbage-and-recycling/recycling-home>]**

[Spanish version]

Thank you for your response.

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