

# CollectedED Battery Survey

## Quick Facts



### About the survey



**1,000**  
people surveyed at the  
Minnesota State Fair



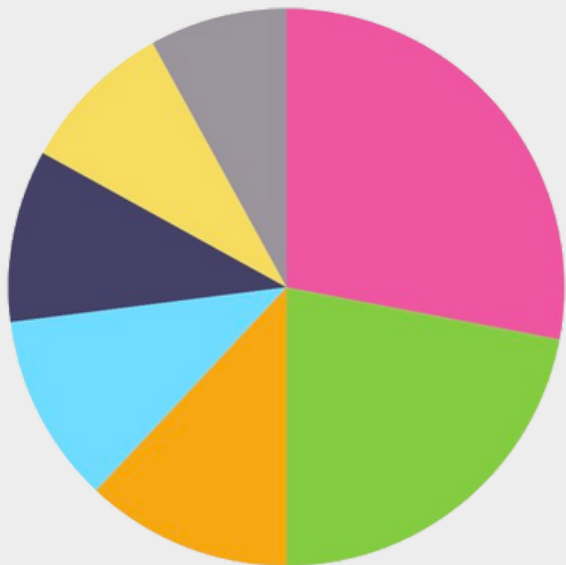
Conducted to understand  
current battery recycling habits,  
knowledge, and barriers

**70%** of respondents recycle at least one type of battery (alkaline, coin, lithium-ion)

**90%** of respondents report barriers to recycling batteries

**41%** of respondents say they get information about recycling from a municipal mailer or website

### Reported Barriers to Recycling Batteries

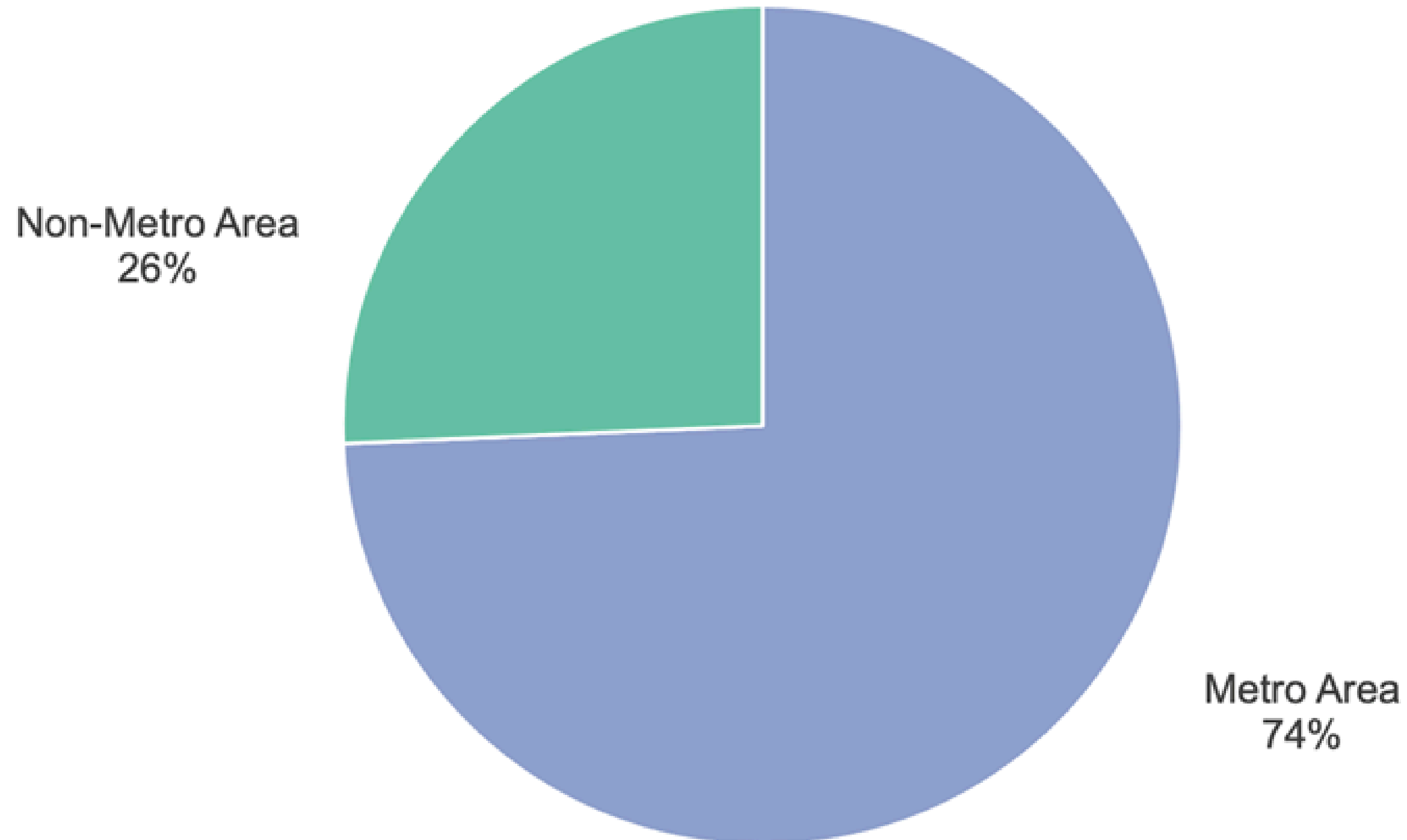


- I am confused about what kind of batteries can be recycled (28%)
- I am confused about where to recycle (22%)
- Hazardous waste sites are too far from my house (12%)
- I don't have time (8%)
- I am skeptical batteries actually get recycled (9%)
- I do not want to pay to dispose of old batteries (11%)
- Not applicable, I already recycle batteries (10%)

Low-income and non-college-educated individuals reported the **lowest participation** in battery recycling programs, yet they expressed a **similar level of enthusiasm** for battery recycling as their higher-income, college-educated peers.

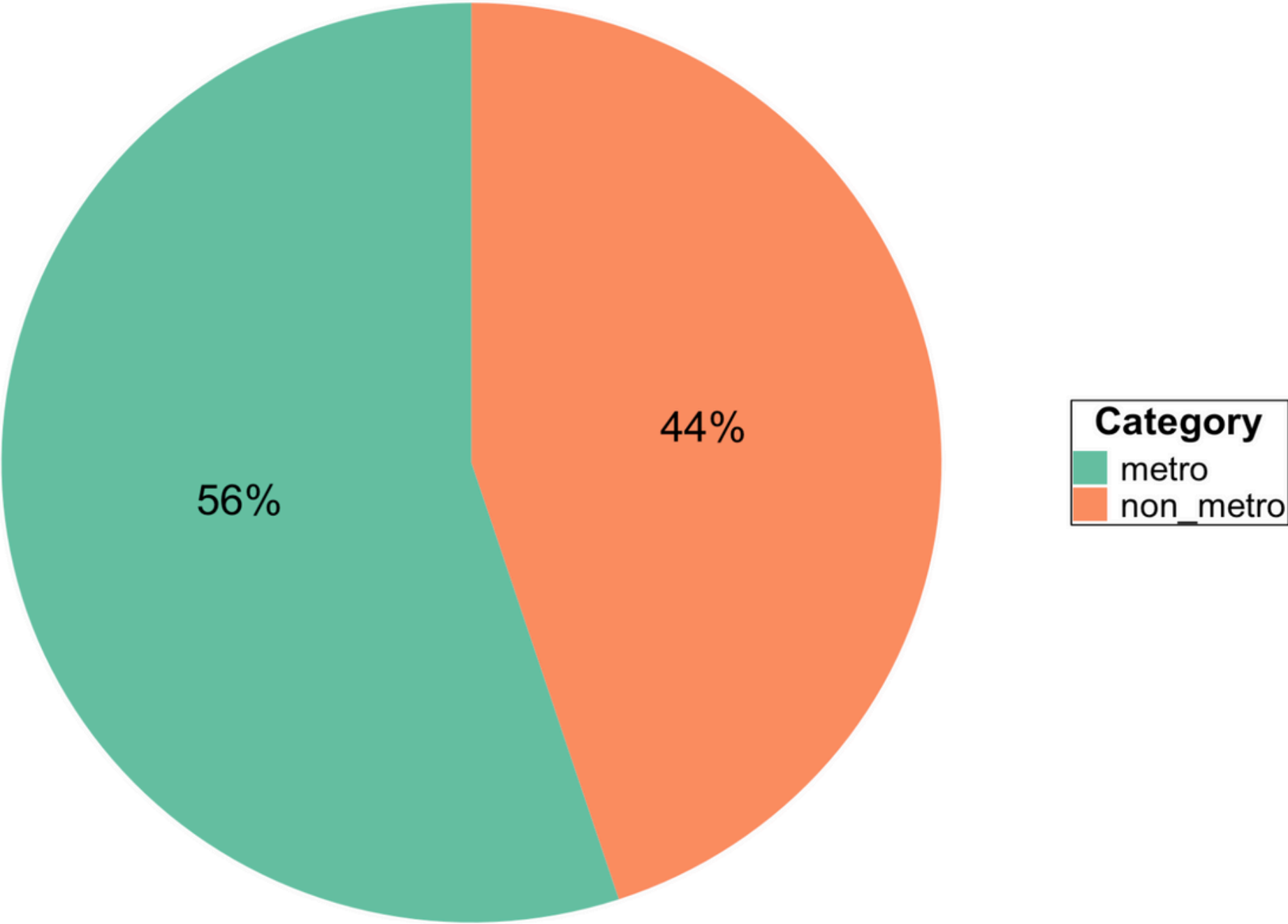
A desire to keep toxins out of the air, water, and soil, and reduce the need for new mining of critical materials were the two most common motivators for battery recycling.

## Respondents Residing in Twin Cities Seven County Metro Area



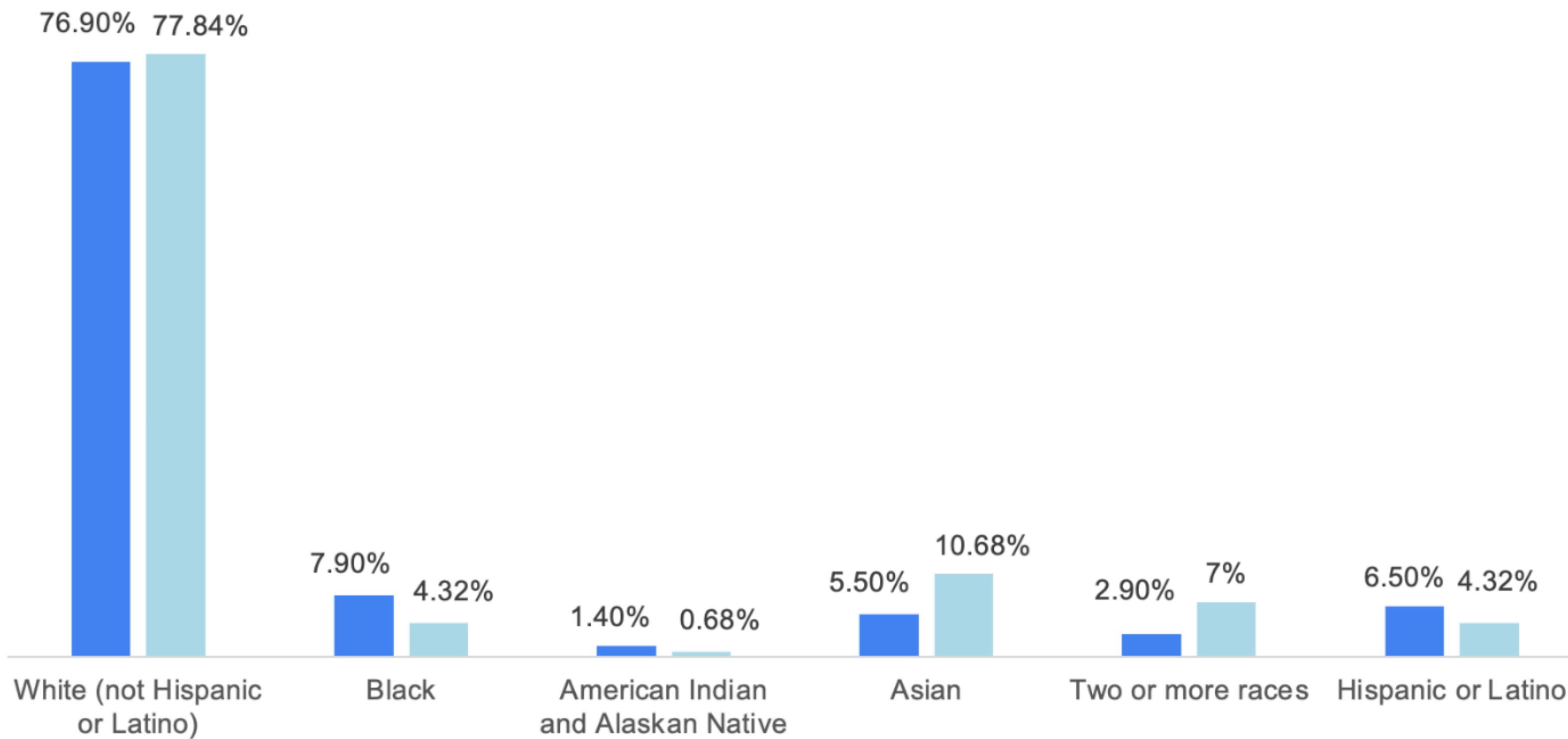
# MN Population Distribution

Metro vs. Non Metro Population



\*Based on 2023 U.S. Census Data

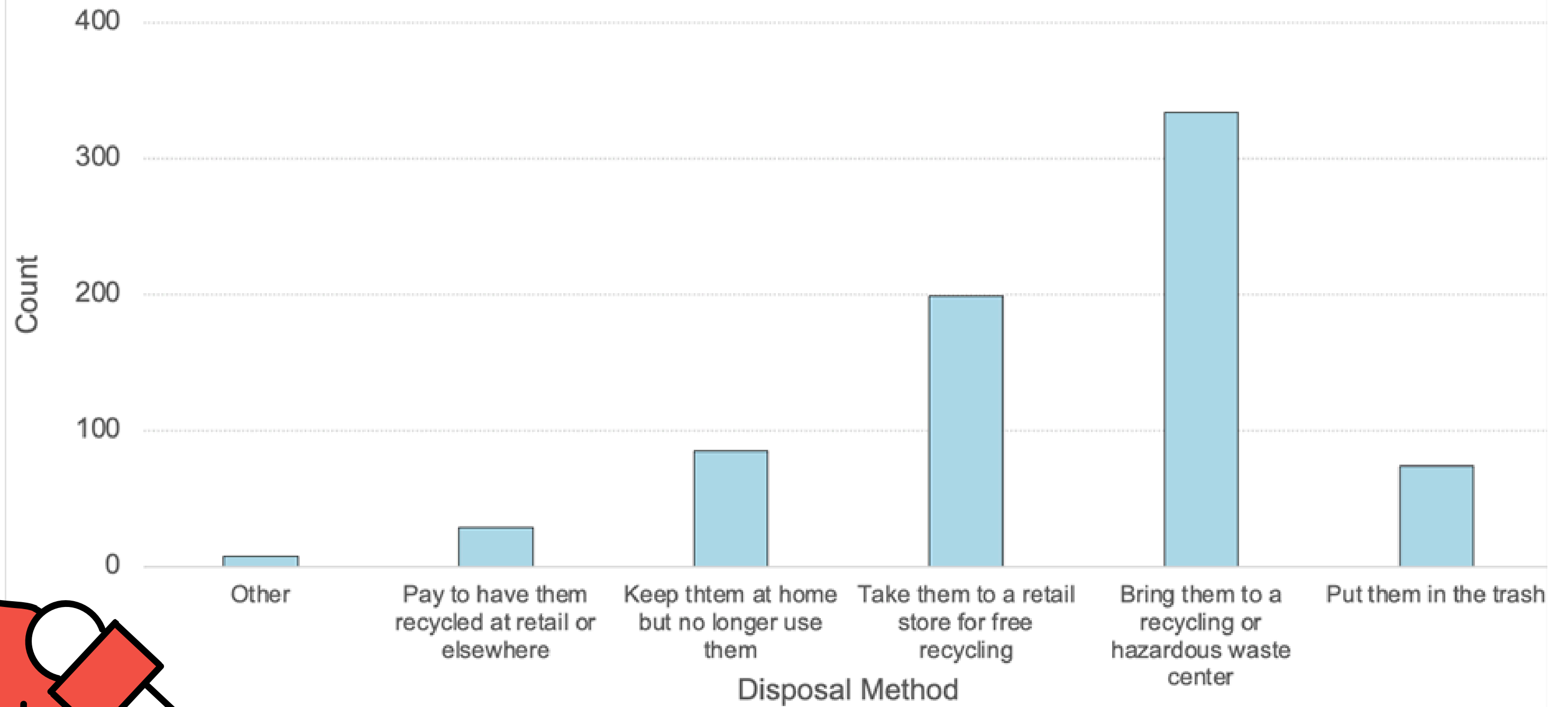
## State of Minnesota vs Survey Respondents' Racial Demographics



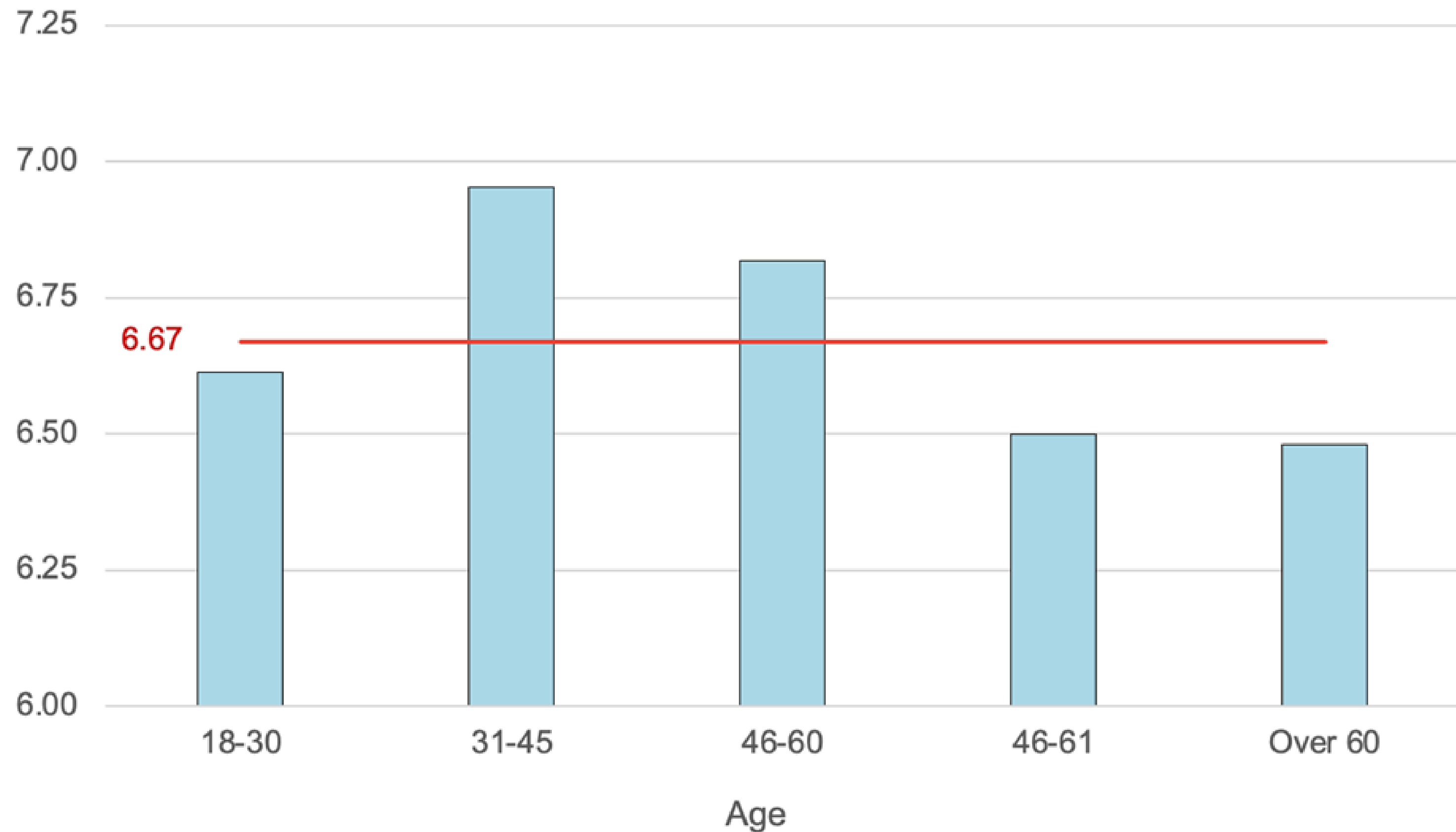


## Minnesota residents answered:

How do you dispose of the following kinds of batteries once they are used/dead - Lithium-ion batteries?



# Average Battery Knowledge Score by Age





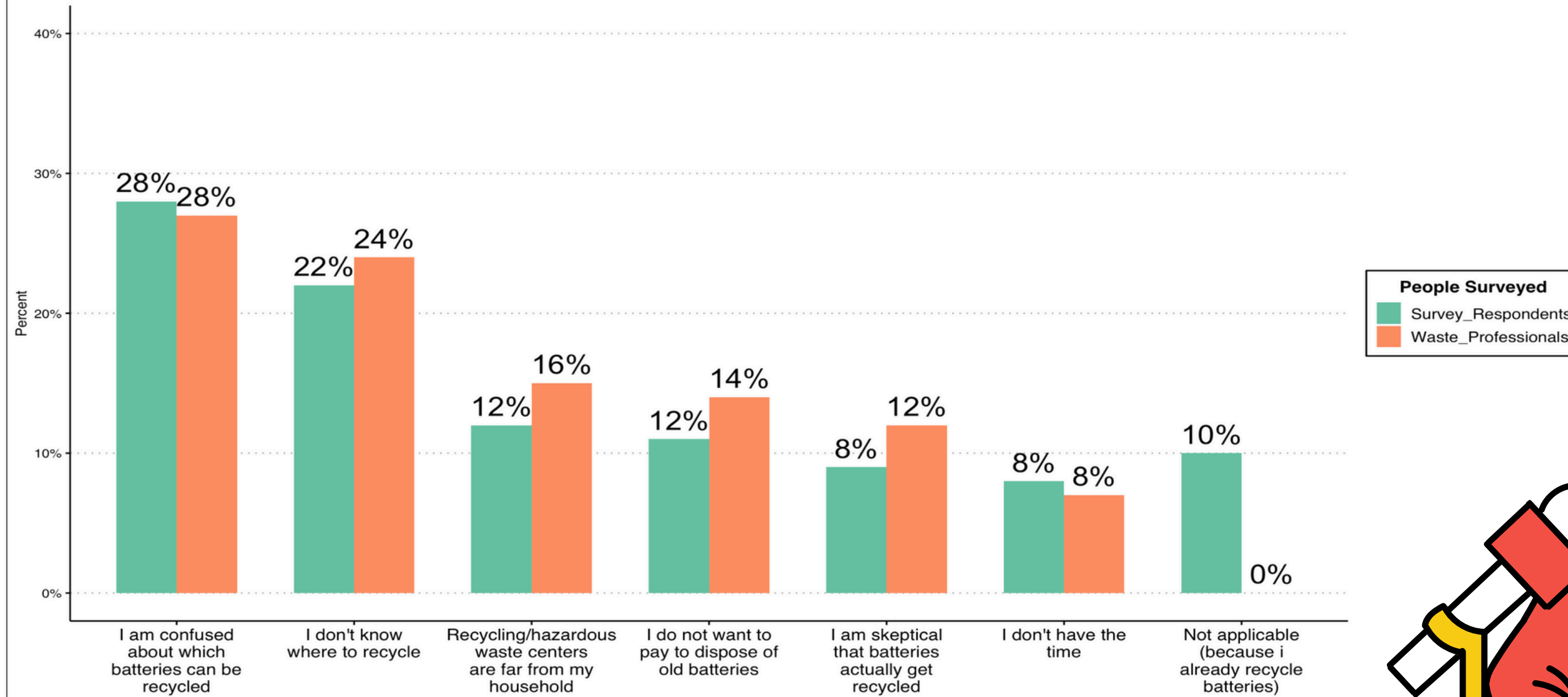
“Things that make it difficult for residents in my county to recycle batteries...”

**VS**

*“Things that make it difficult for me to recycle batteries...”*

### Comparing Waste Professionals Predictions with Residents Answers:

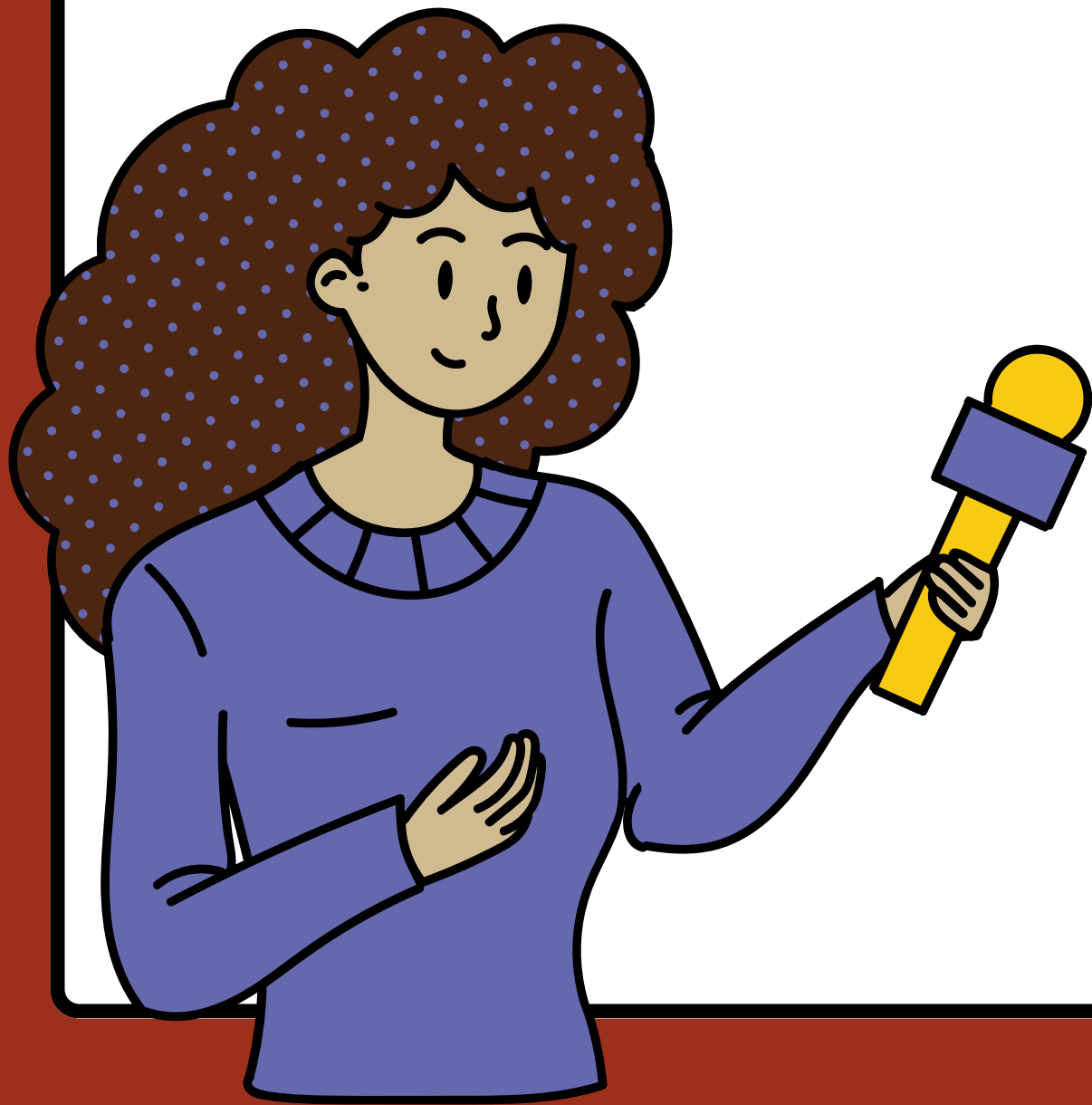
I get my information on battery recycling from...



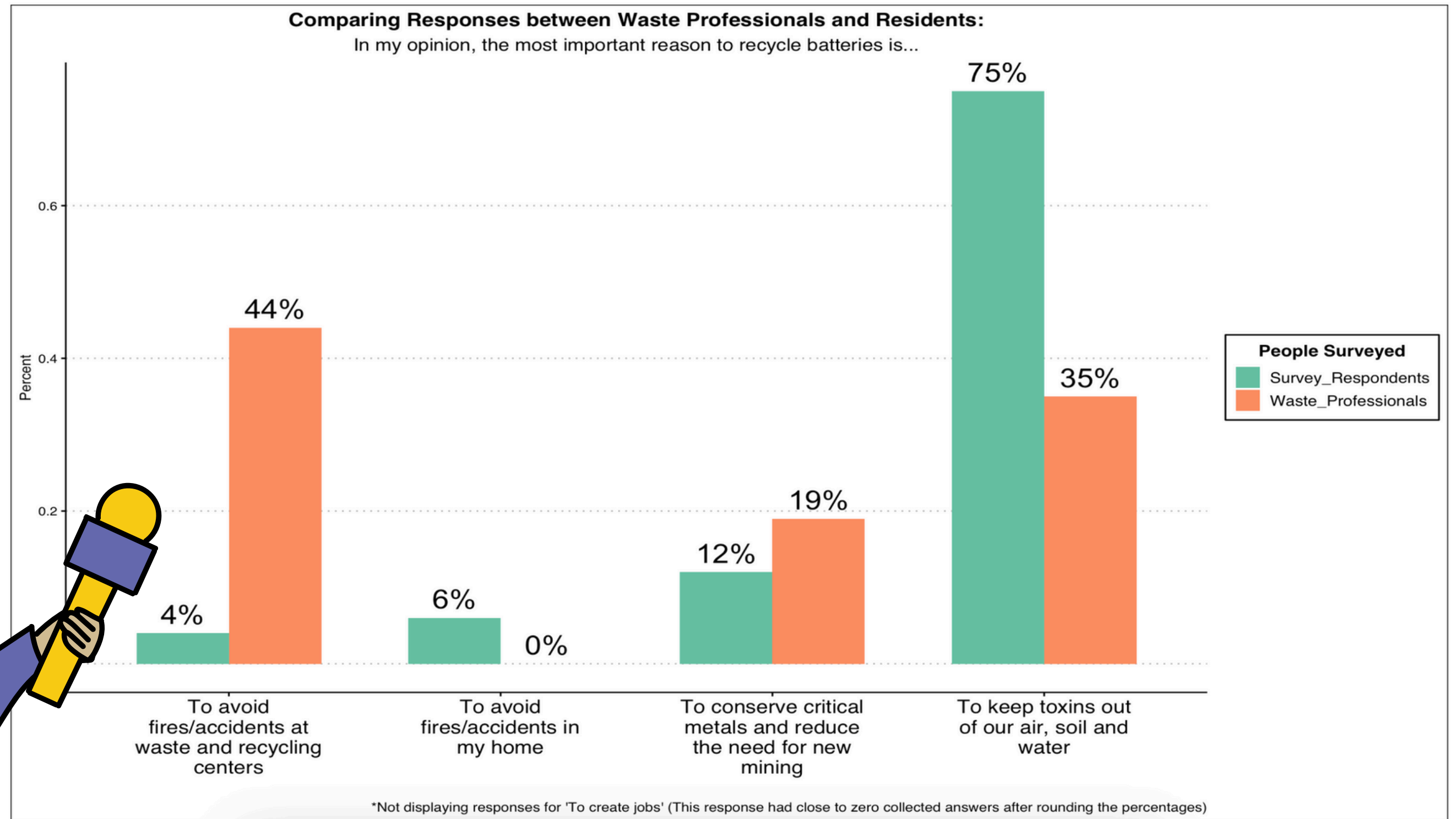
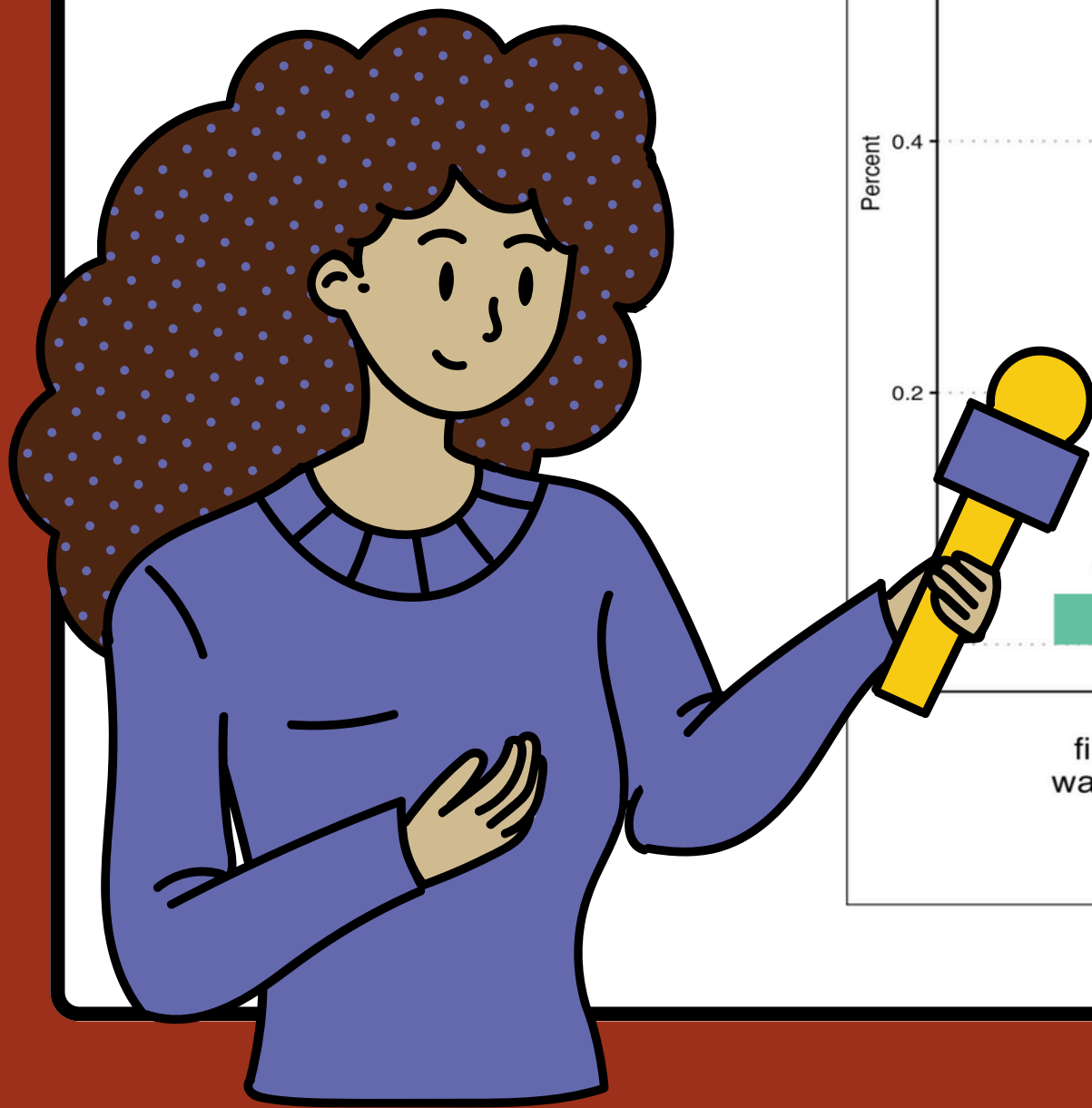
\* 'Not applicable (because i already recycle batteries)' was not an option on the Waste\_Professionals Survey

\*\* Both Waste\_Professionals and Survey\_Respondents were given permission to select multiple answers

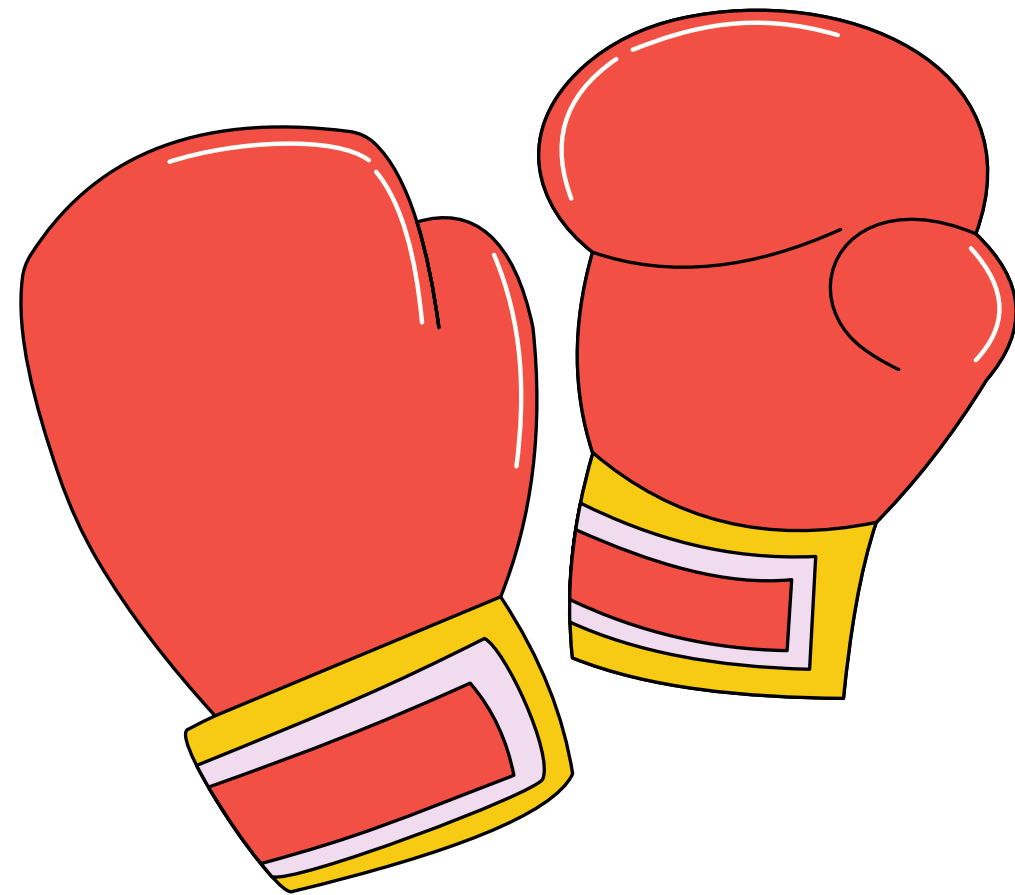




*"In my opinion, the  
most important  
reason to recycle  
batteries is..."*

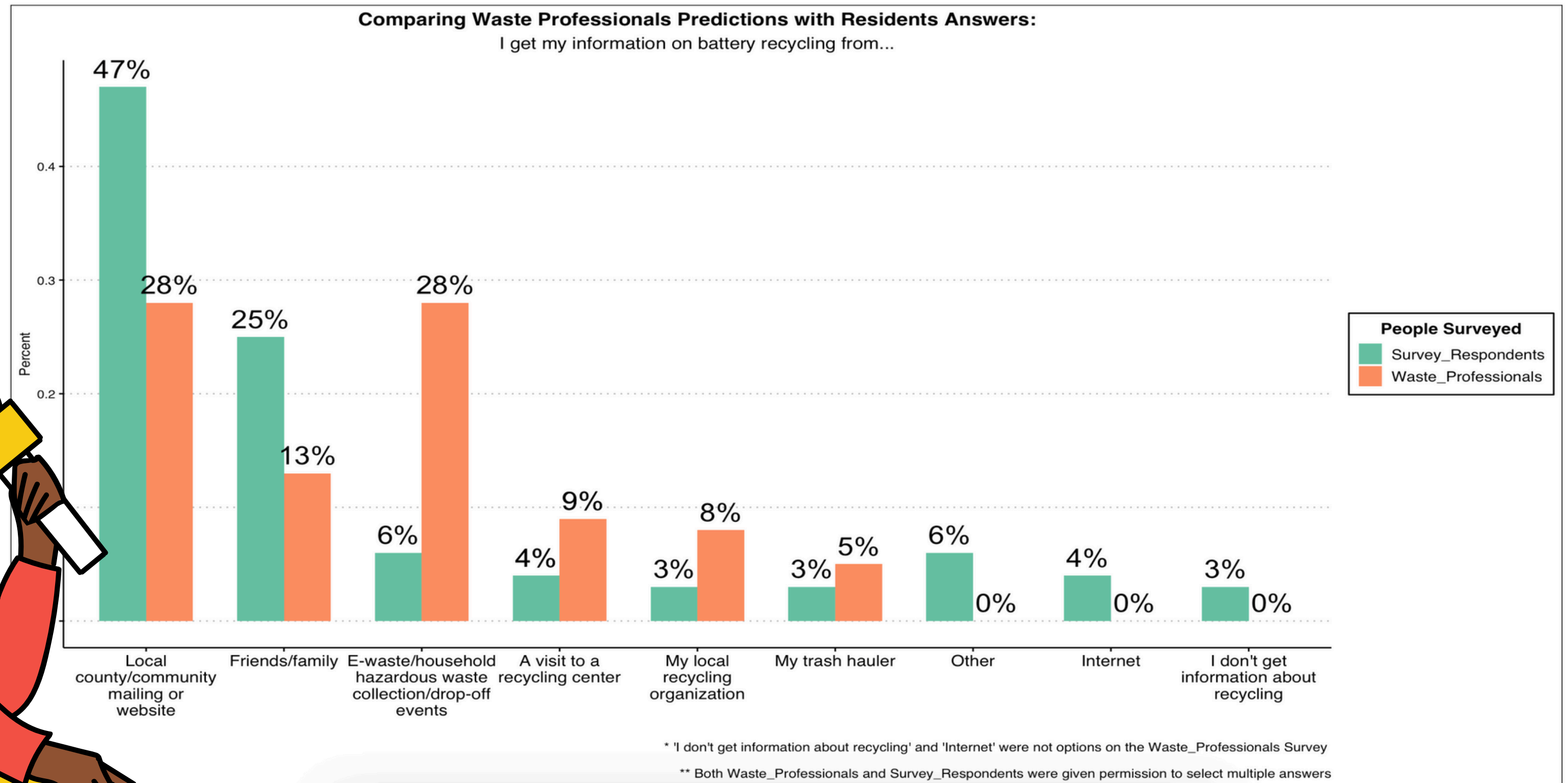
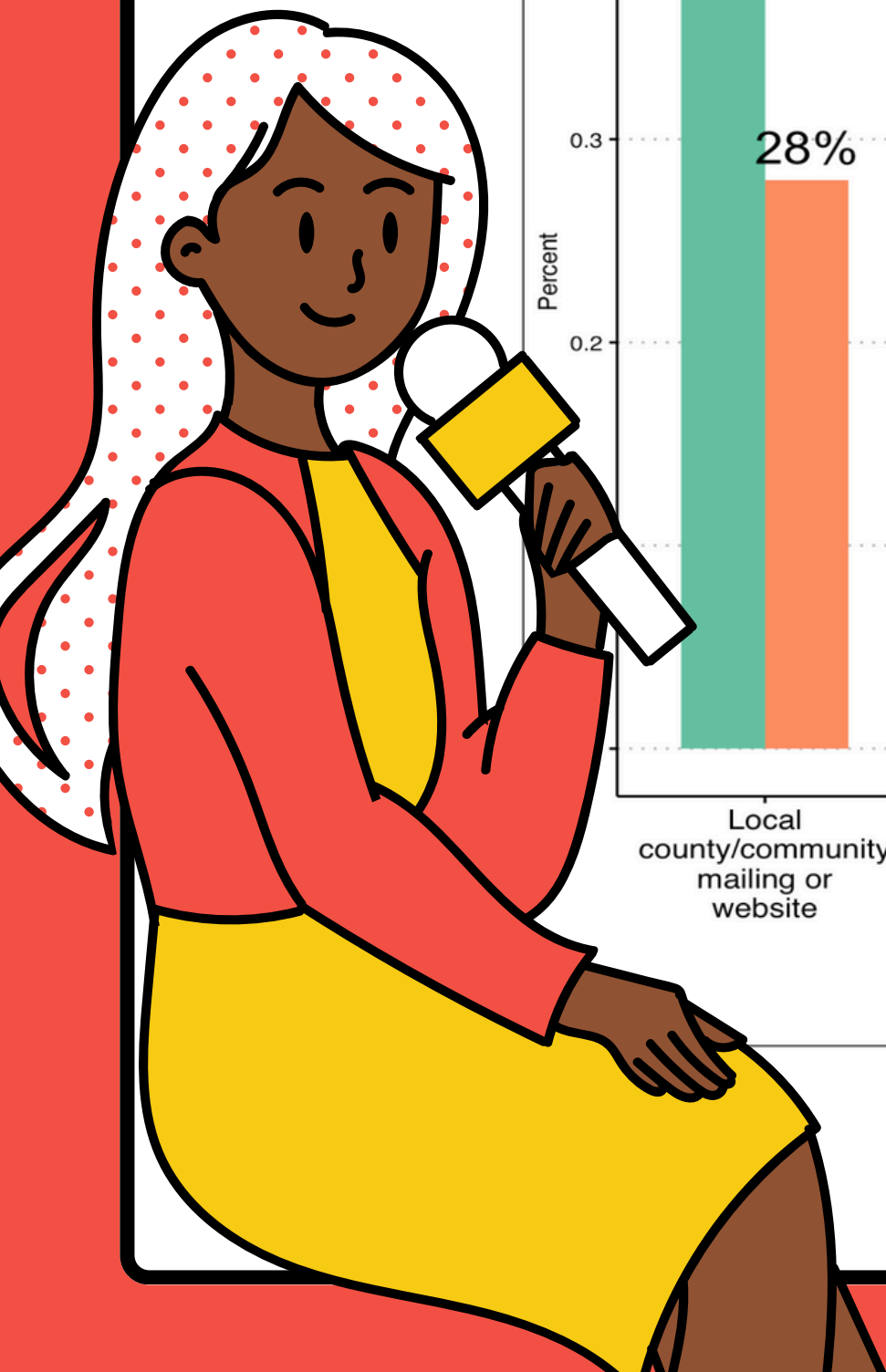


**“ I get my information  
on battery recycling from...”**

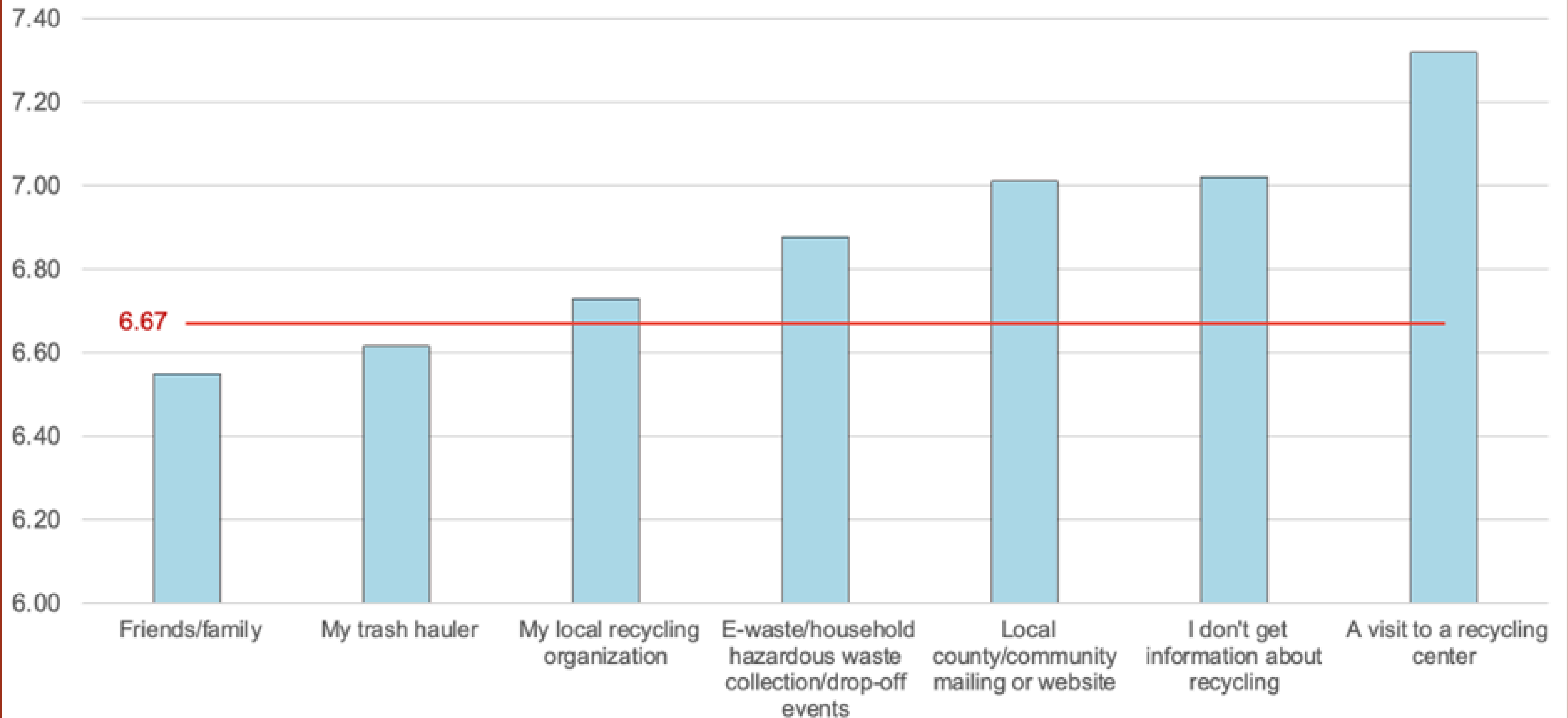


**VS**

**“Residents in my county get  
information on battery recycling  
from...”**



# Battery Knowledge Scores by Recycling Information Sources

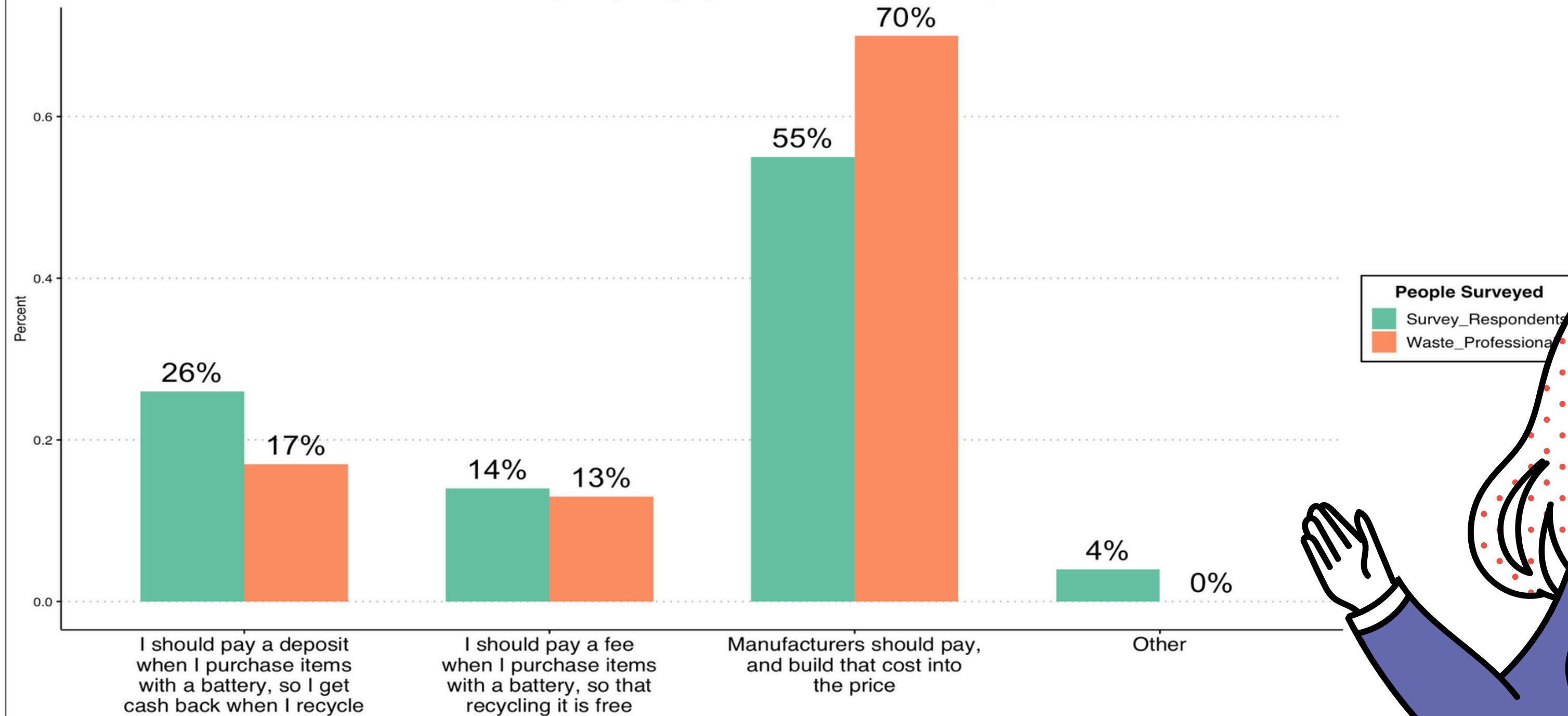


*"How should battery collection be paid for?"*



## Comparing Waste Professionals Predictions with Residents Answers:

How should a battery recycling system in Minnesota be paid for?



*What other data  
would you find  
useful?*

