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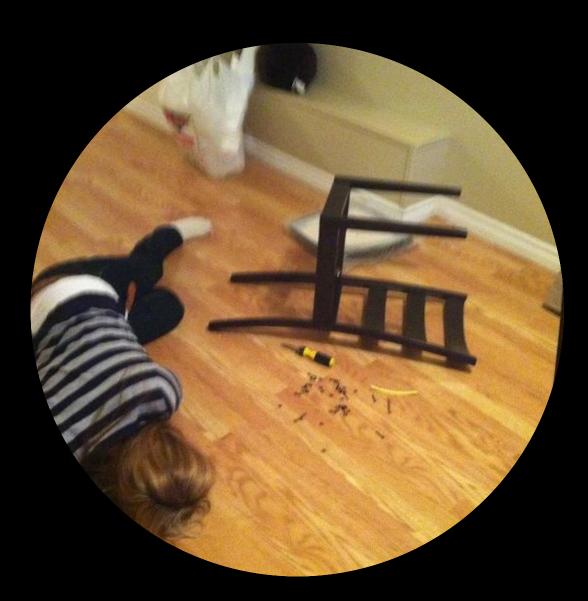






9/10 Citizens find recycling more confusing than

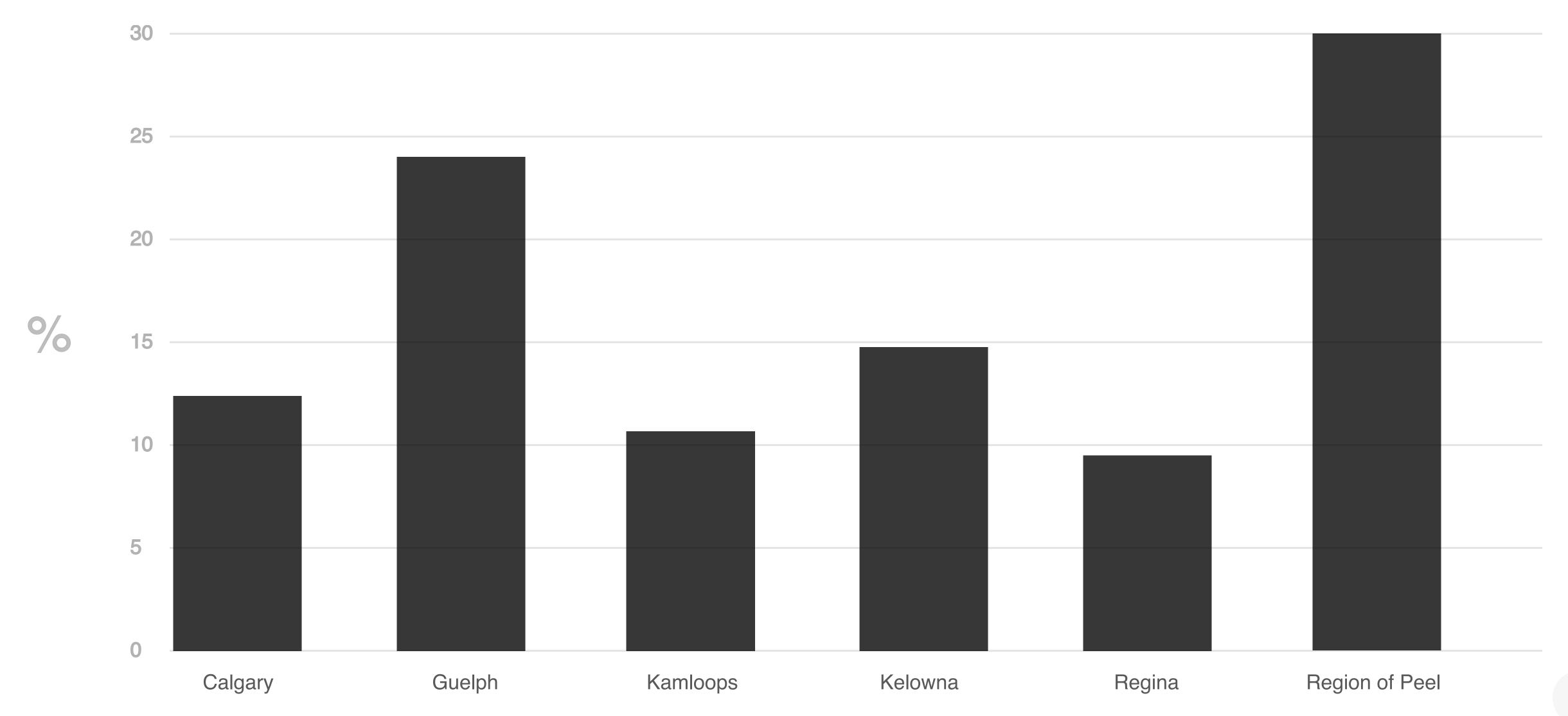








Contamination Varies By Region





Manual Cart Audits



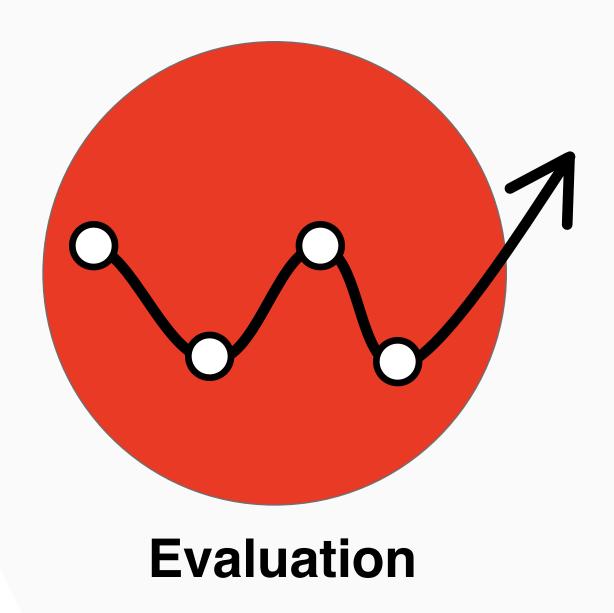


Manual Cart Audits - Approach

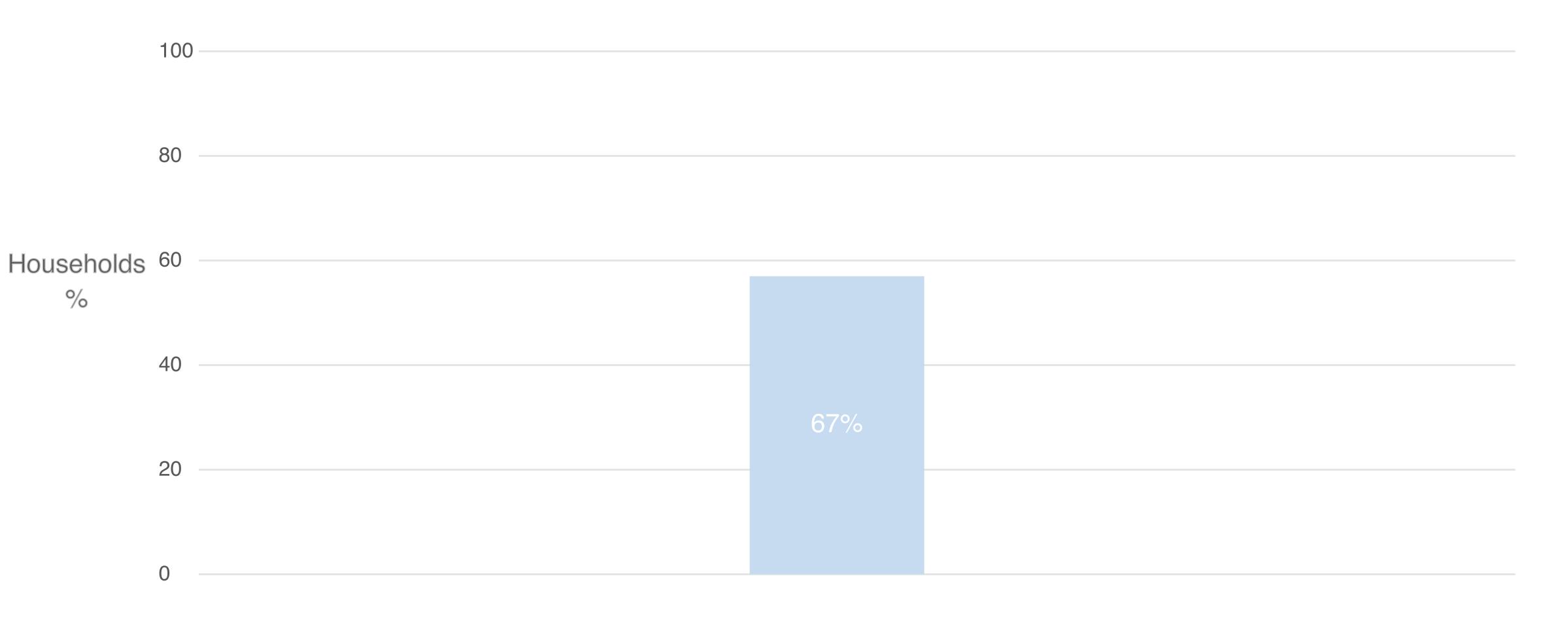


Project Development

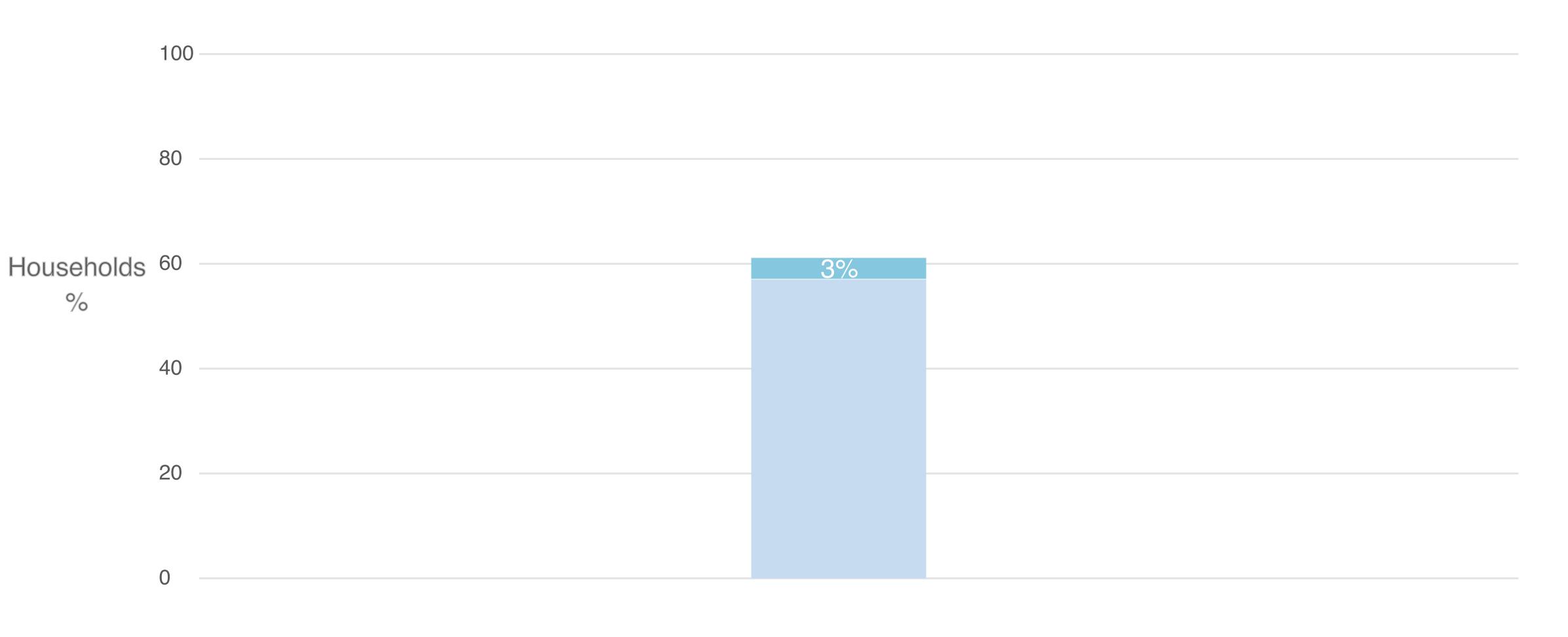




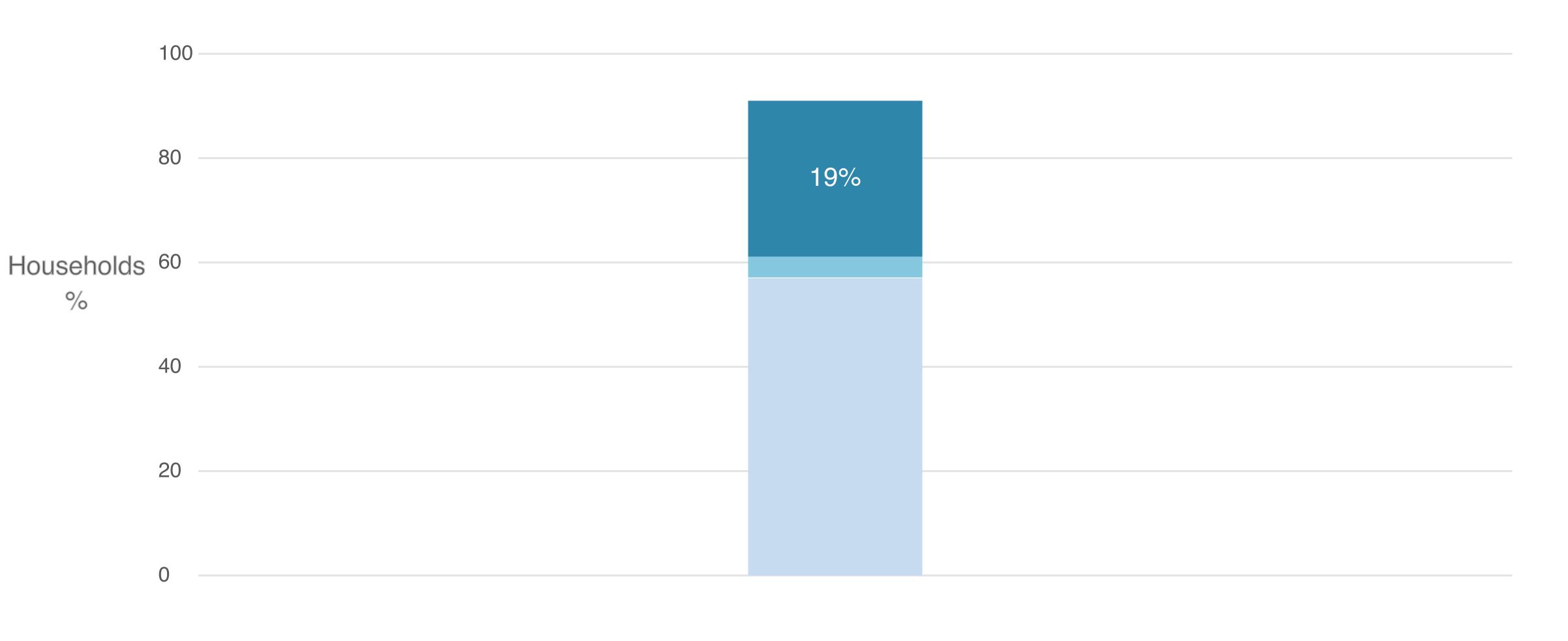




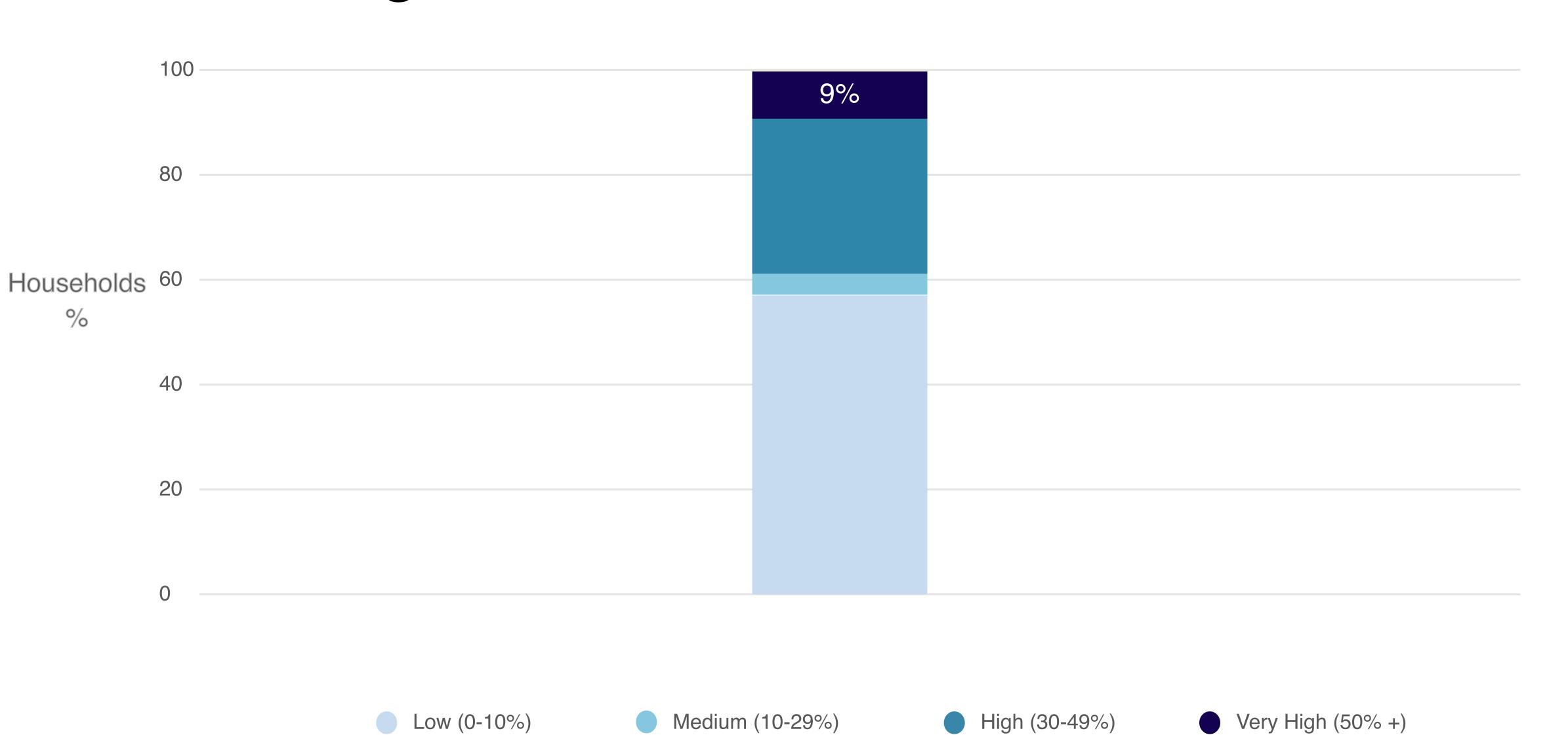




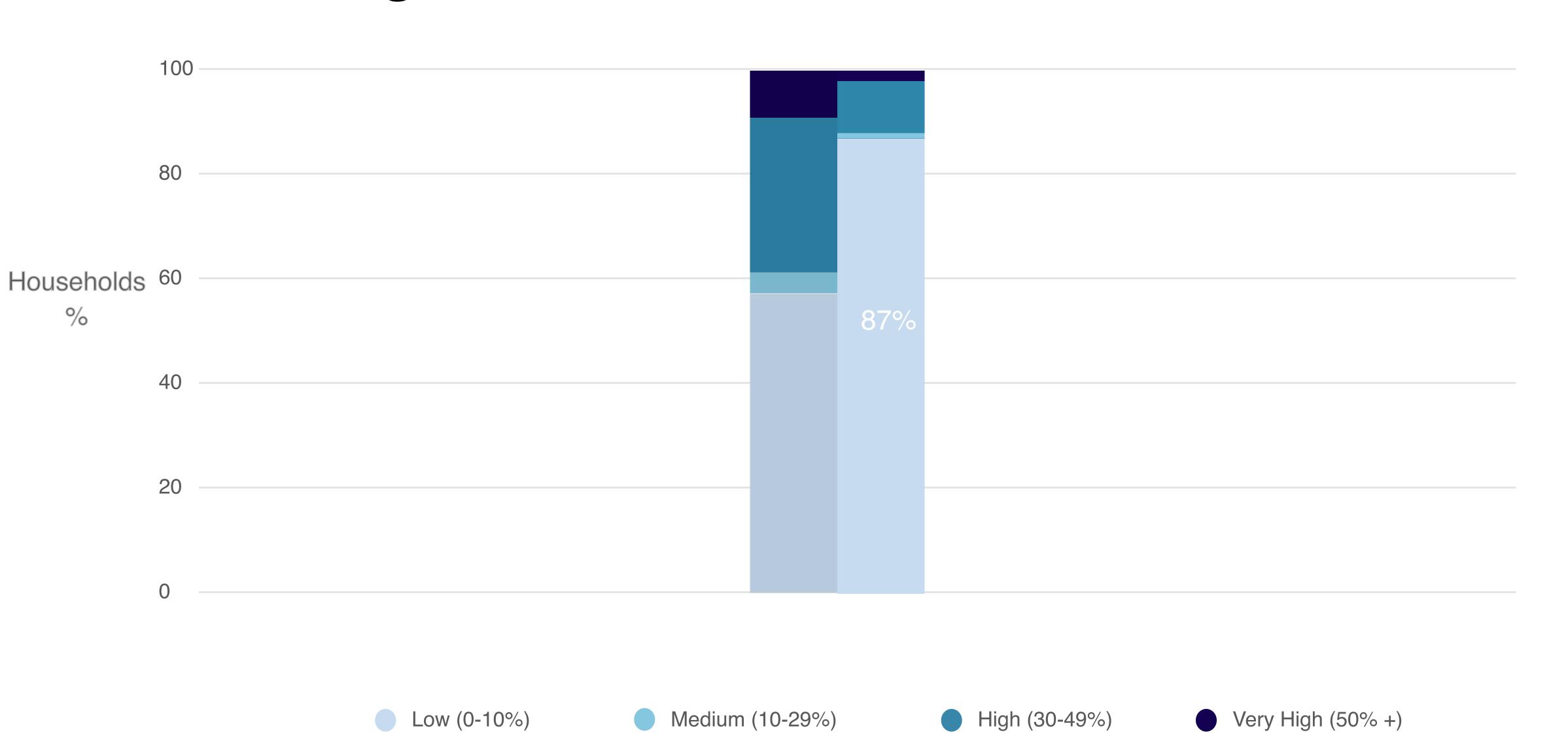














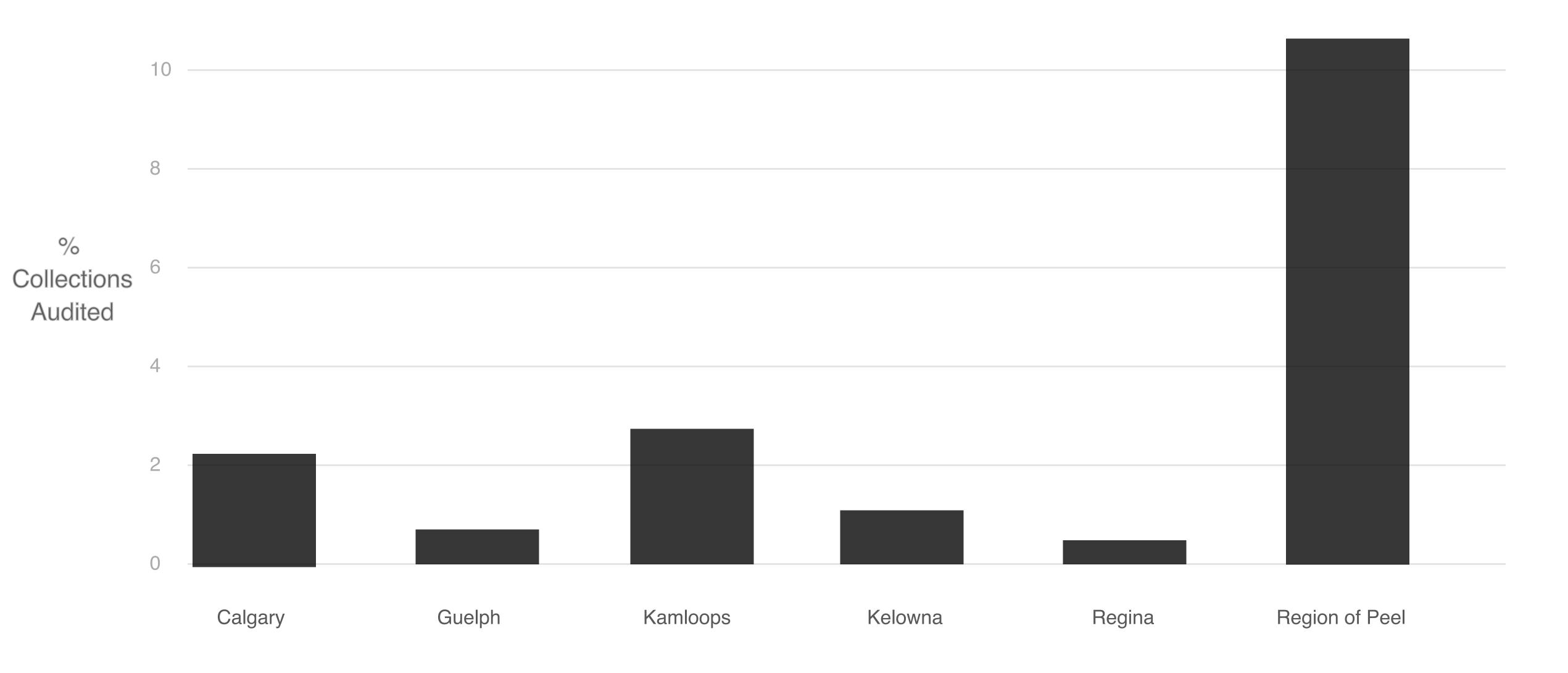
Manual Cart Audits - Impact

Improvement seen across all groups

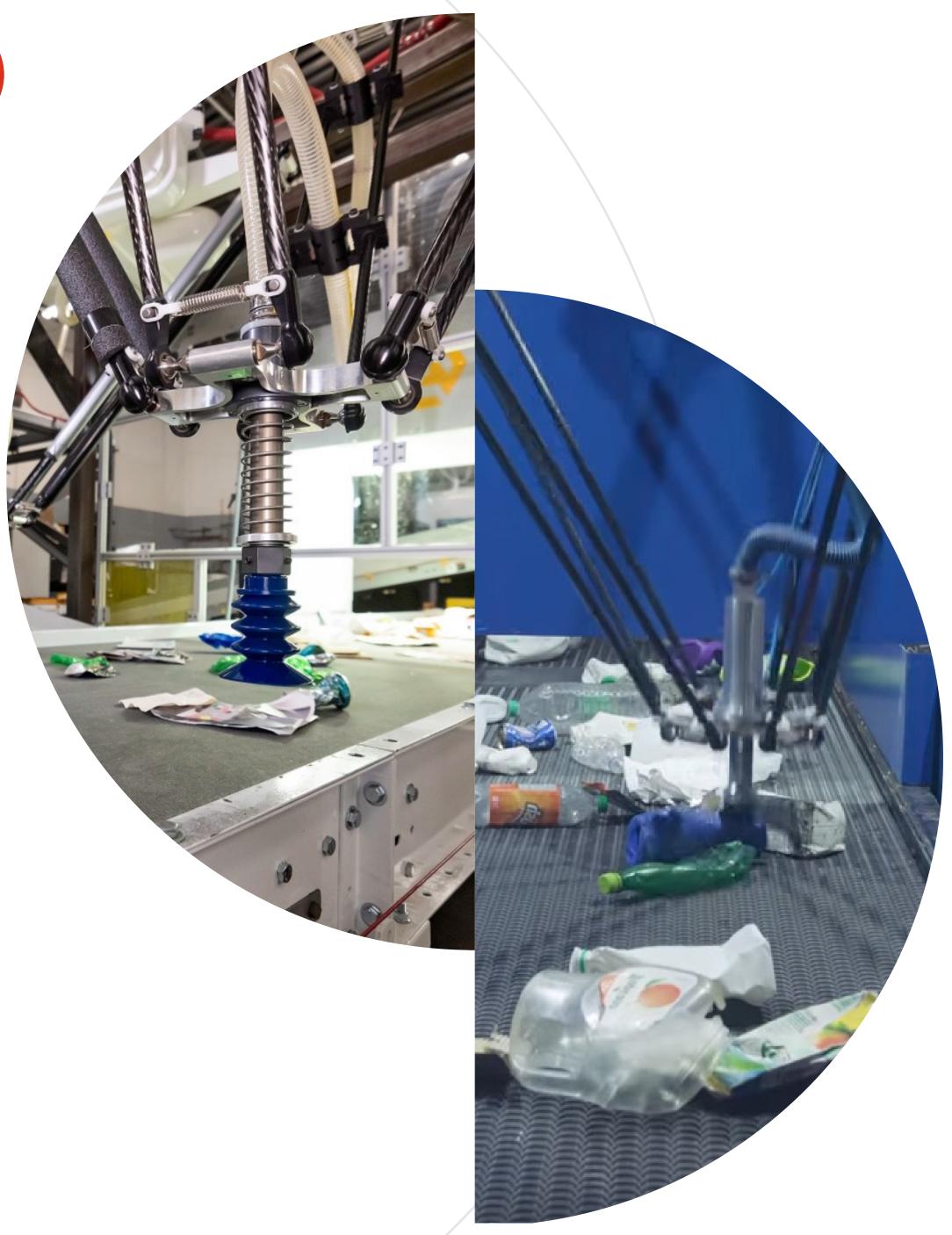
- Residents below 30% contamination improve with education alone
- Residents above 30% contamination sustained improvements when carts weren't collected



Manual Cart Audits - Minimal Reach







Robotics & Recycling

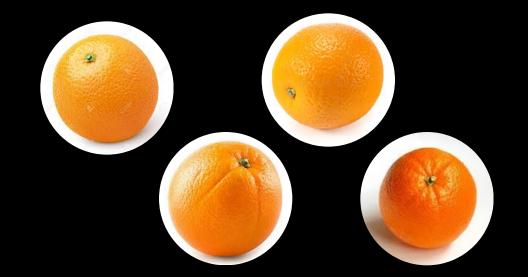
- MRF Sorting Robots:
 - AMP Robotics
 - MachineX
 - Waste Robotics
 - RecycleEye



Machine involves computers discovering how they can perform tasks without being explicitly programmed to do so.



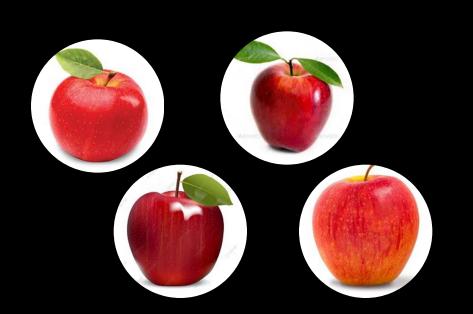
AOOE



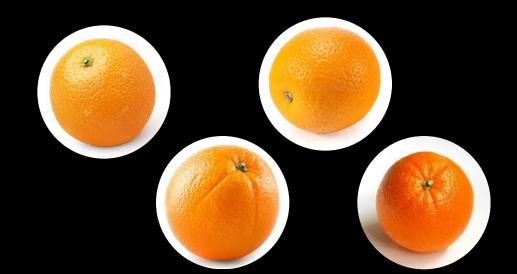
Orange



Machine involves computers discovering how they can perform tasks without being explicitly programmed to do so.



Apple



Orange





Machine involves computers discovering how they can perform tasks without being explicitly programmed to do so.







Vachine involves computers discovering how they can perform tasks without being explicitly programmed to do so.



Recycling Contamination

Recycle Right

To better understand recycling trends

TJ Recycle is starting an audit of
recycling containers. Please check
the website to make sure you're
recycling right!

tjdisposals.com/recycling

Thanks for your continued recycling participation



Targeted Education Strategies





To better understand recycling trends

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Pre-Education

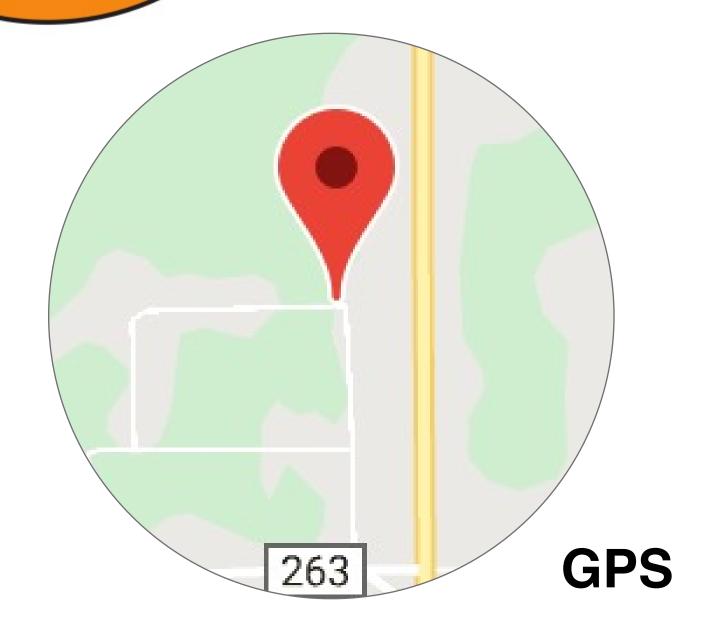


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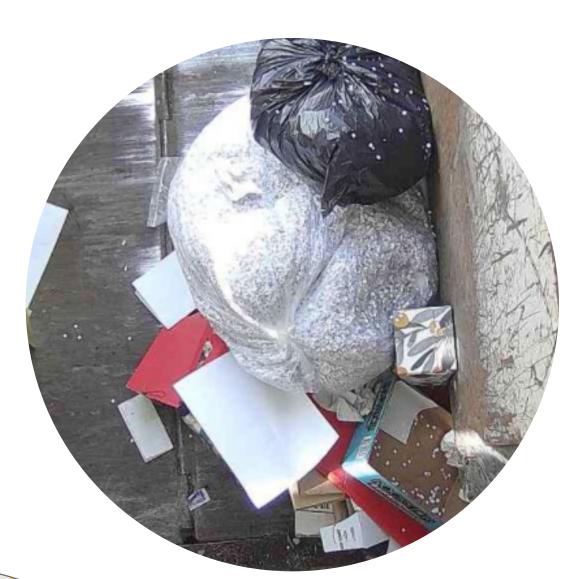
To better understand recycling trends

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Thanks for your continued recycling participation











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Map Lookup



To better understand recycling trends

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tjdisposals.com/recycling

Thanks for your continued recycling participation







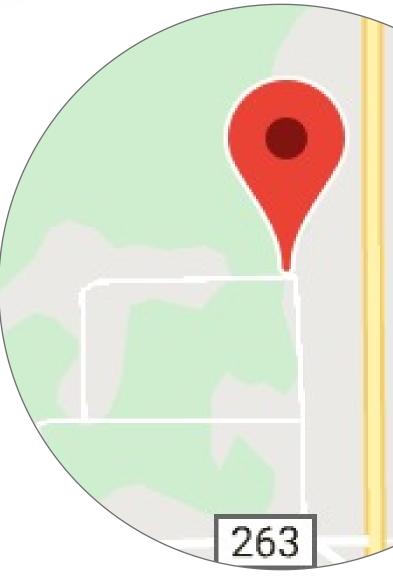
our community strives to create a clean, green important that we all do our part and properly re



We love that you're recycling items! However, on <u>February 15</u>, we noticed you accidentally placed the following item(s) in your blue bin:



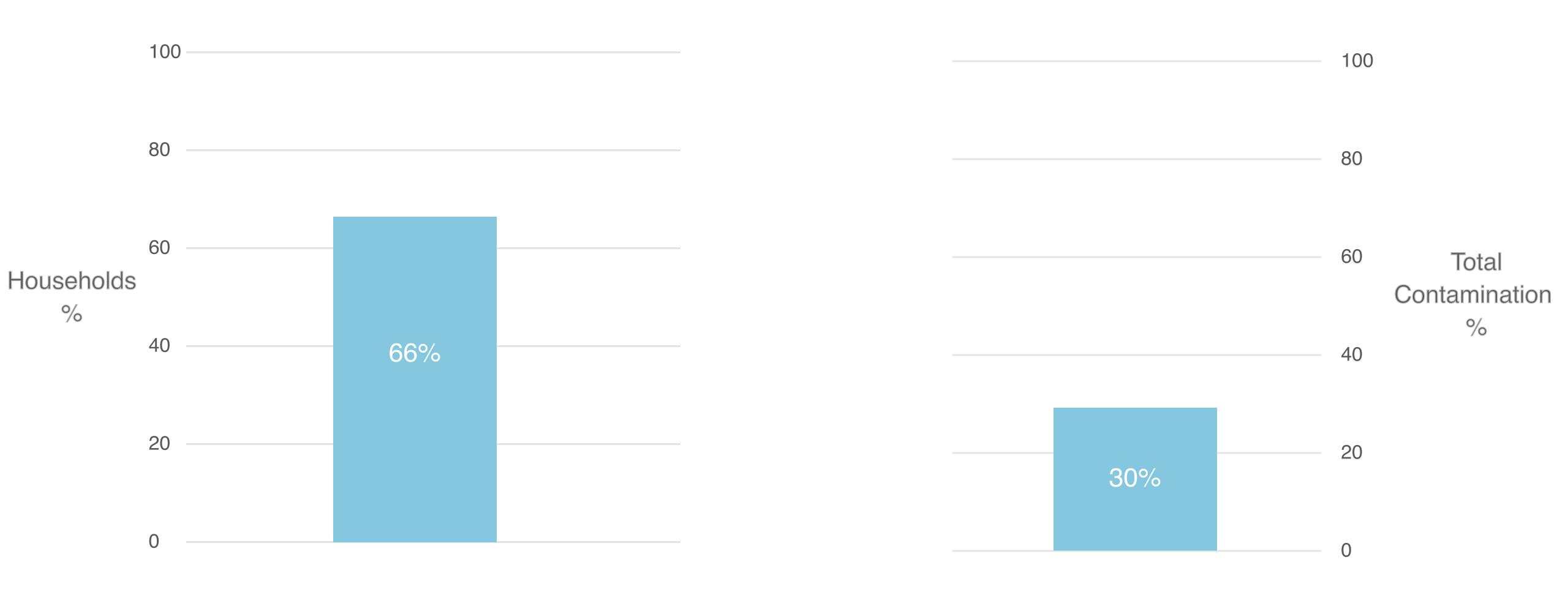
Targeted Education





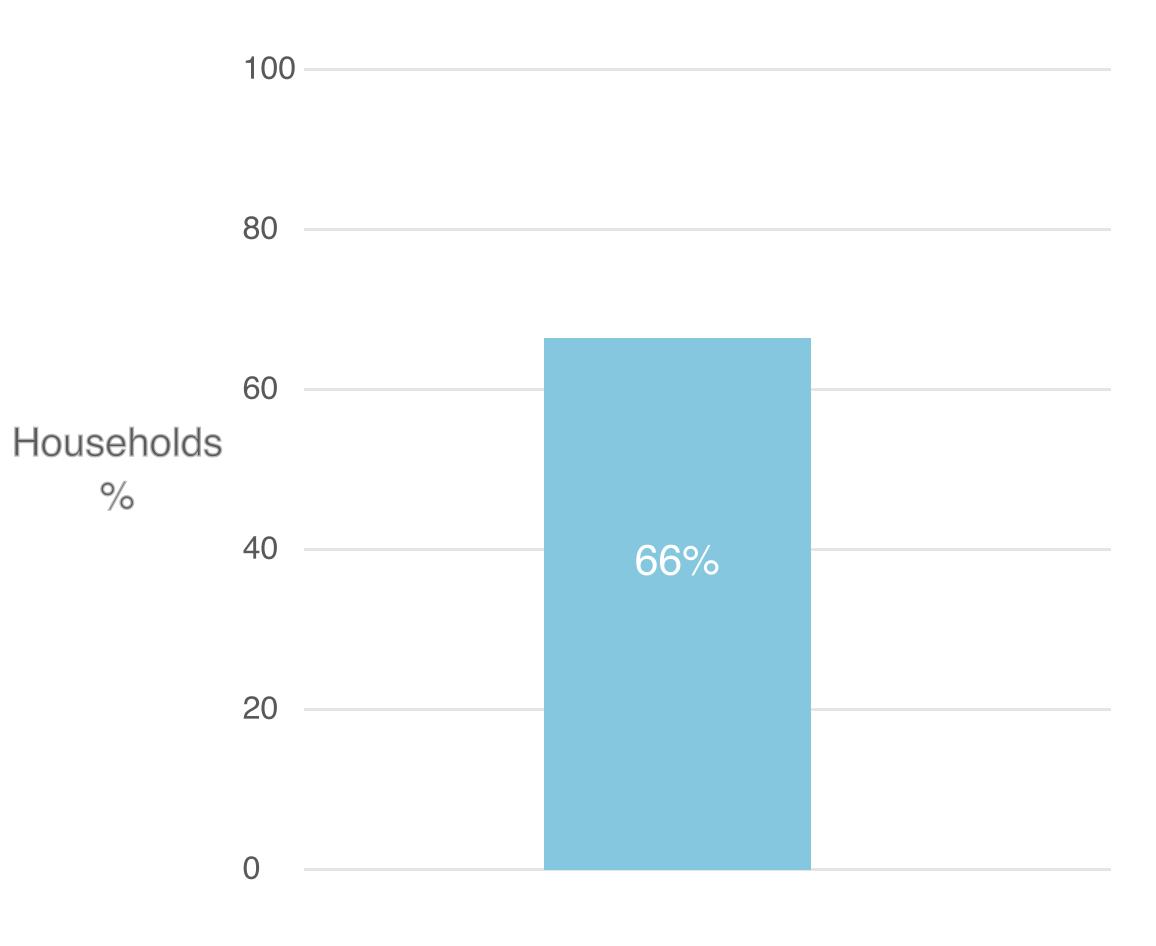






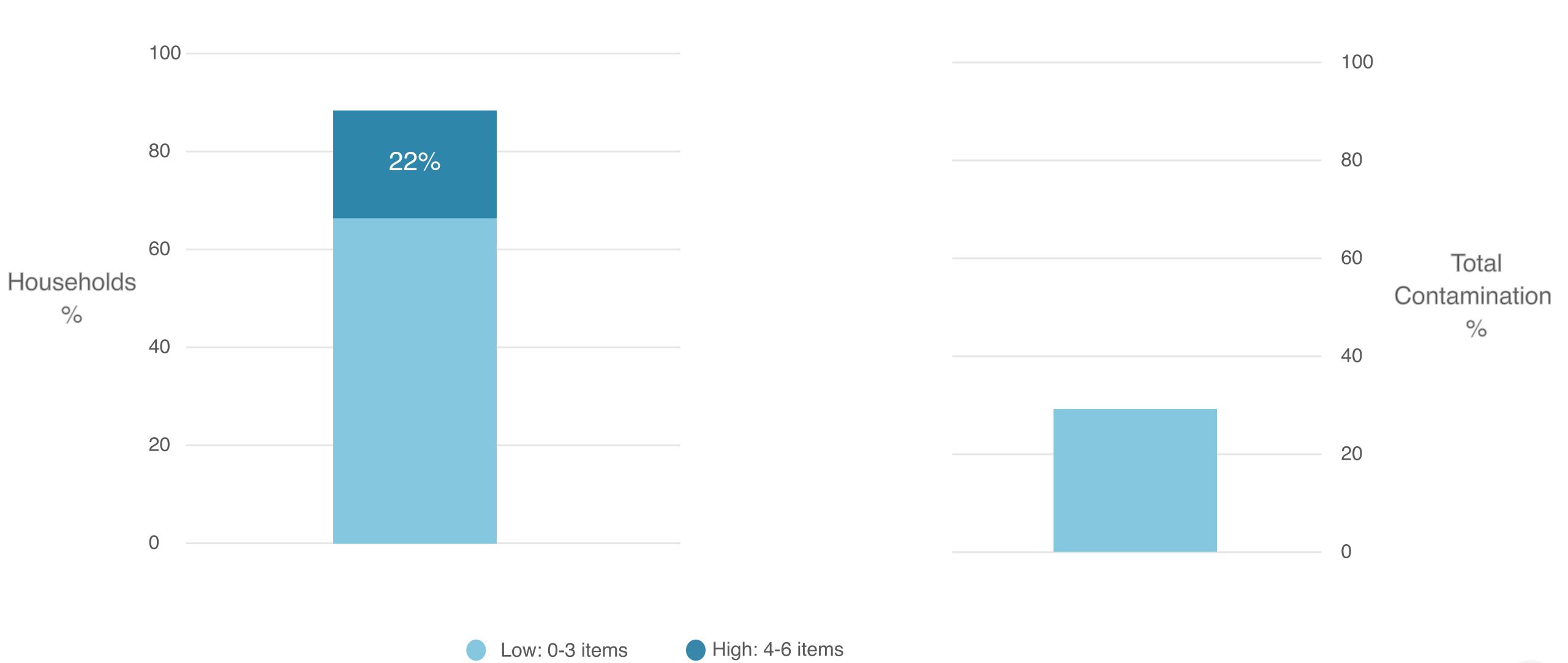
Low: 0-3 items



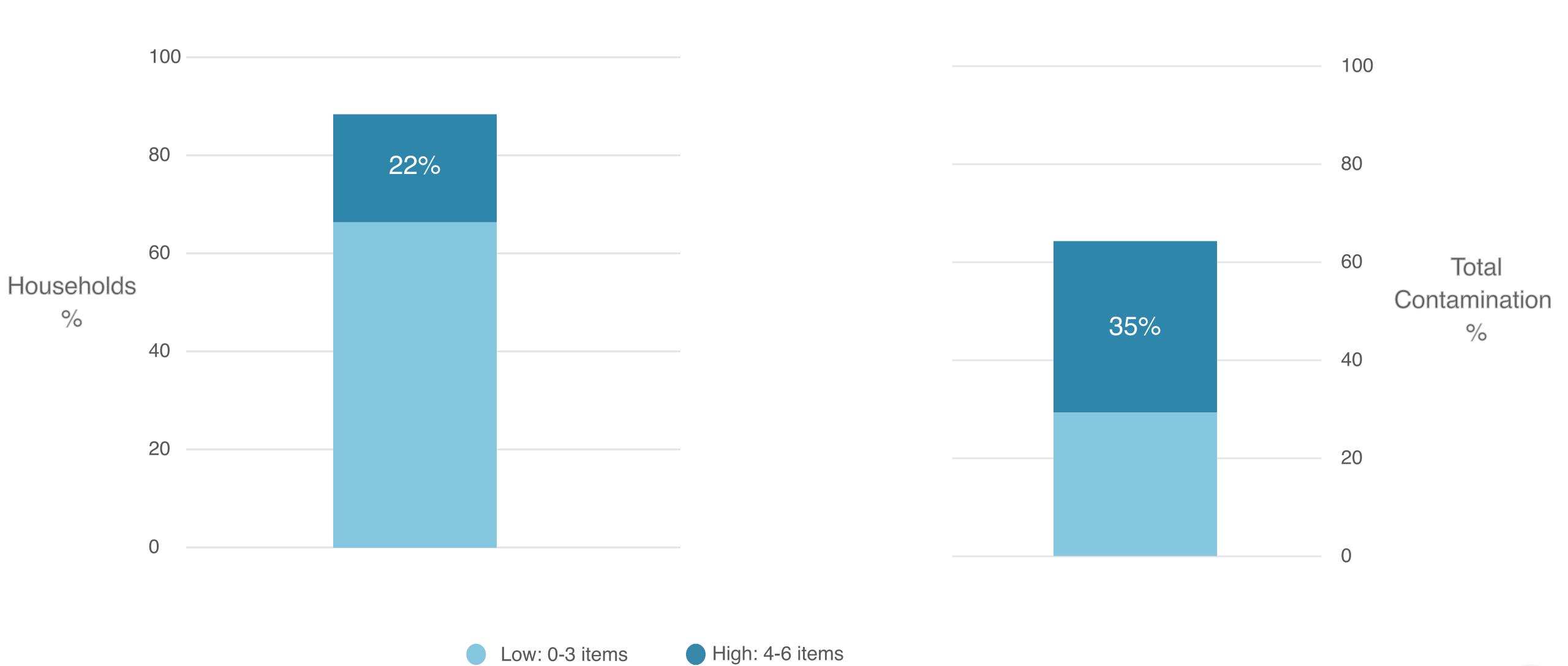


Low: 0-3 items

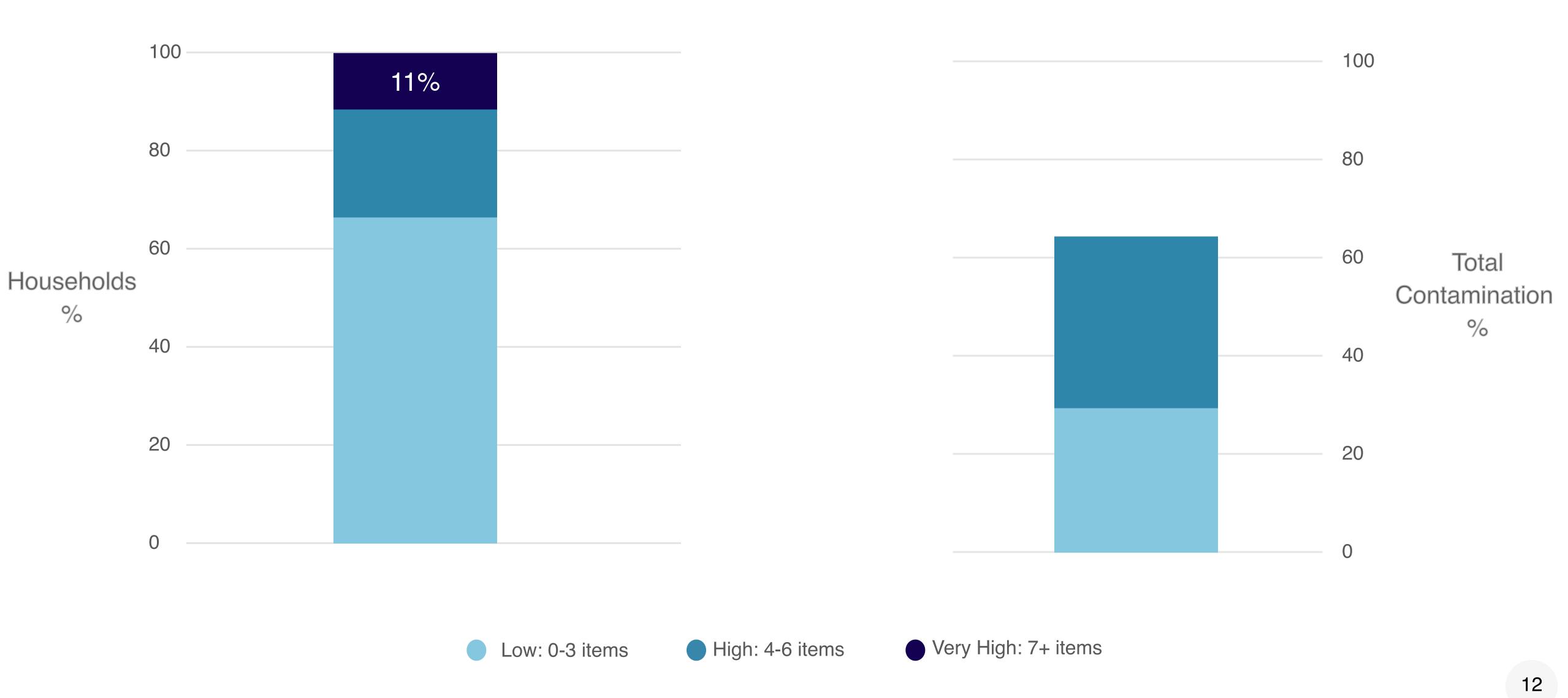




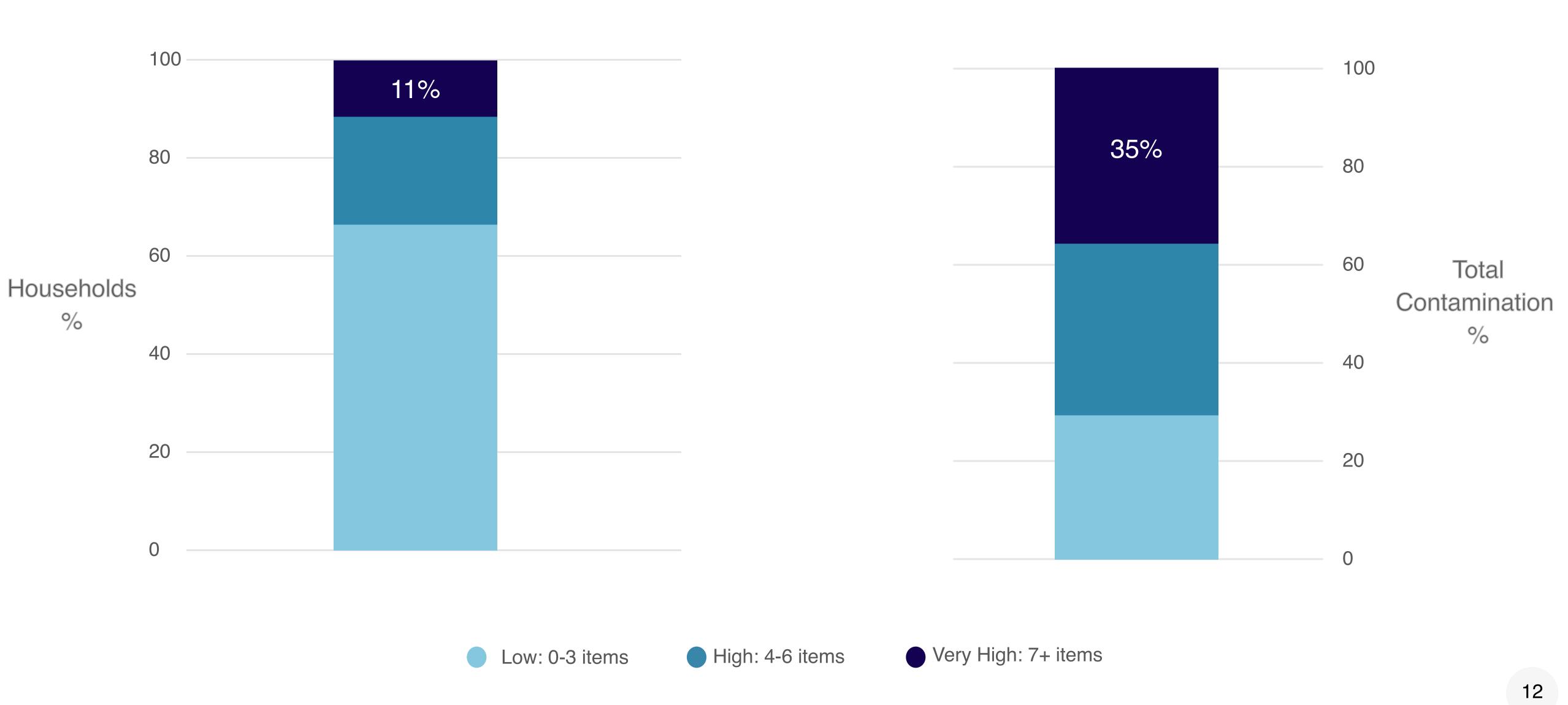




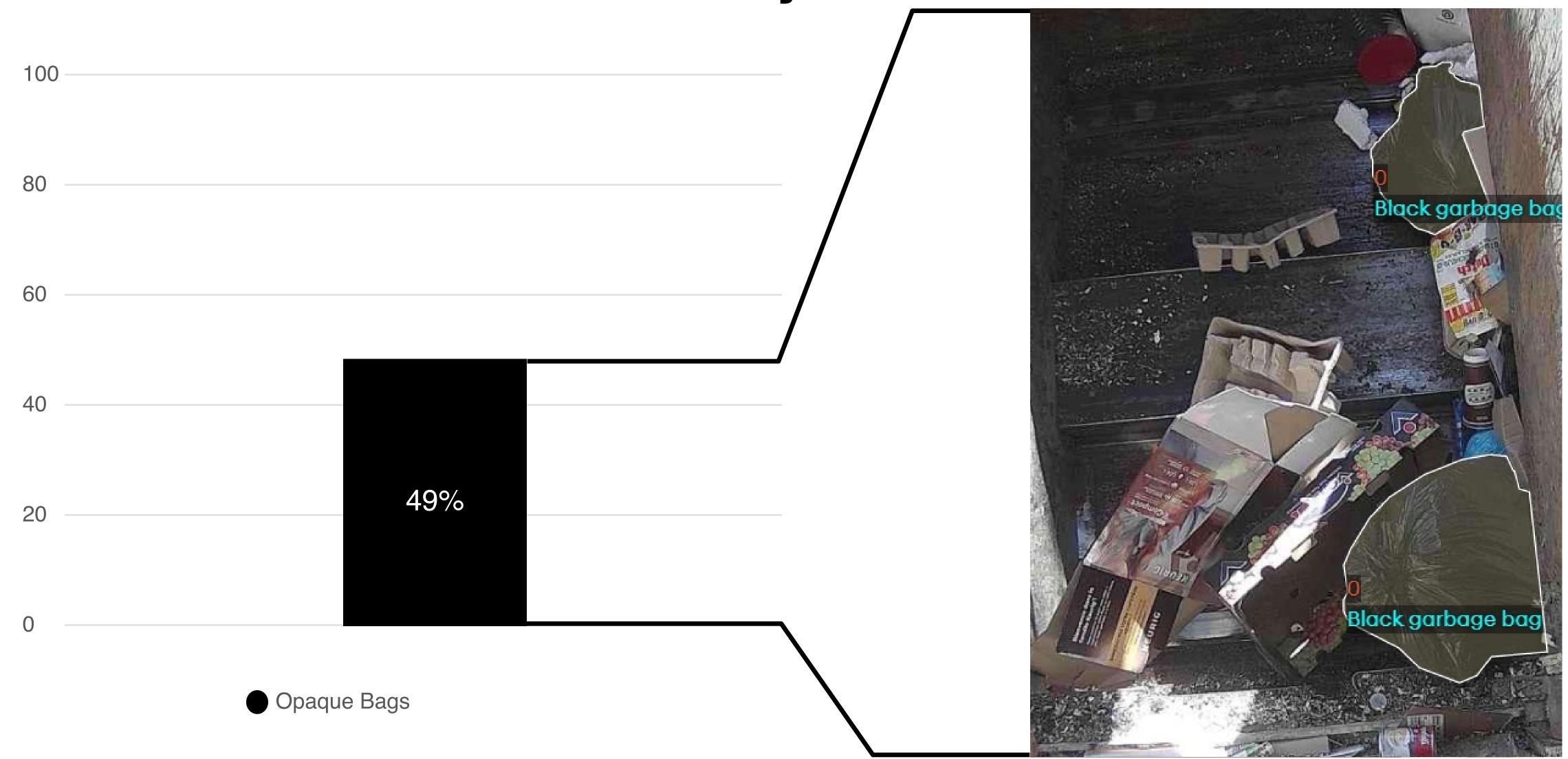












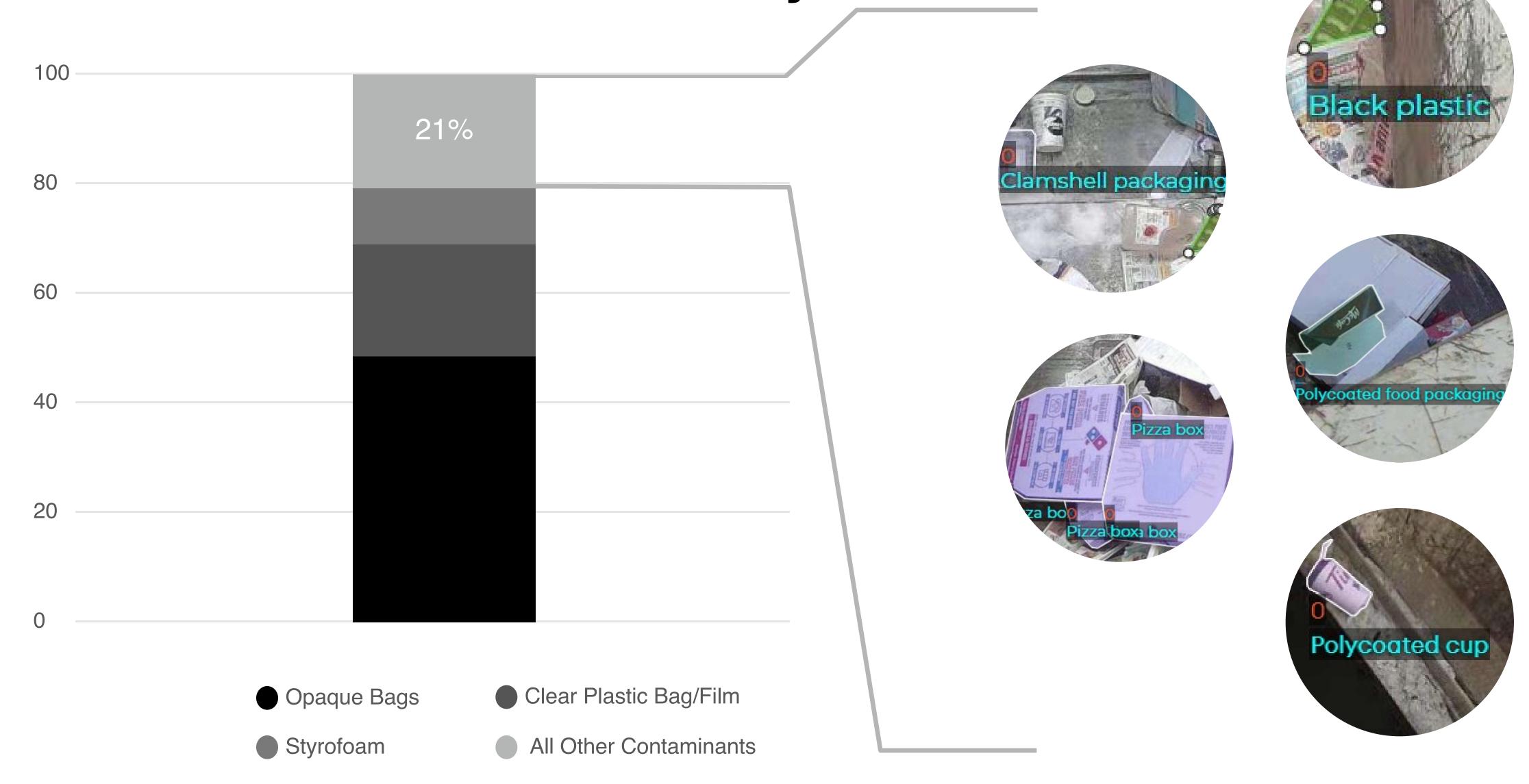














Targeted Education

1234 Main Sreet, Riderville, Saskatchewan, S0J 0G0



As our community strives to create a clean, green future, it's important that we all do our part and properly recycle.



We love that you're recycling items! However, on <u>February 15</u>, we noticed you accidentally placed the following item(s) in your blue bin:



Black Garbage Bag

The item(s) seen below can't be recycled. Instead, place them in your black bin for disposal.

We know that recycling can be confusing. For tips on how to properly recycle items, please check out the back of this card for a recycling guide and a link to our website.

Thanks for helping make our community better!



Targeted Education

1234 Main Sreet, Riderville, Saskatchewan, S0J 0G0



As our community strives to create a clean, green future, it's important that we all do our part and properly recycle.



We love that you're recycling items! However, on <u>February 15</u>, we noticed you accidentally placed the following item(s) in your blue bin:





The item(s) highlighted in the images can't be recycled. Instead place them in your black bin for disposal

We know that recycling can be confusing. For tips on how to properly recycle items, please check out the back of this card for a recycling guide and a link to our website.

Thanks for helping make our community better!



Targeted Education

1234 Main Sreet, Riderville, Saskatchewan, S0J 0G0



As our community strives to create a clean, green future, it's important that we all do our part and properly recycle.



We love that you're recycling items! However, on <u>February 15</u>, we noticed you accidentally placed the following item(s) in your blue bin:





Your recycling at a glance



Fair

Good

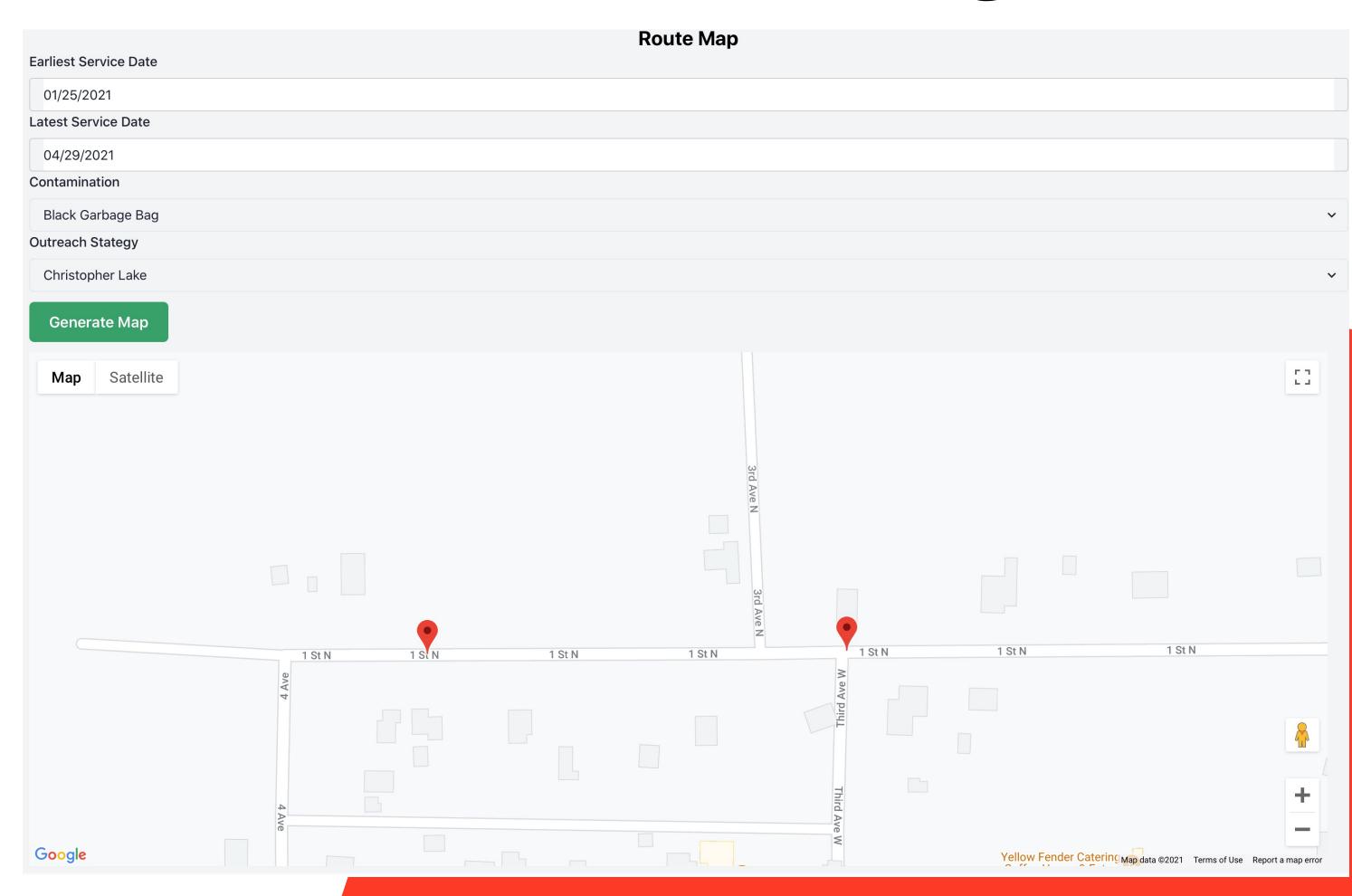
Other homes in your neighbourhood recycled

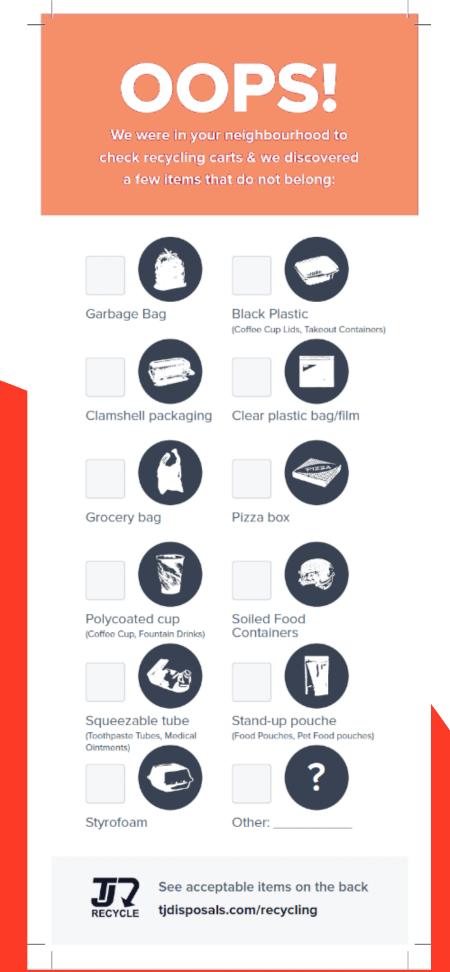
90%

fewer black garbage bags



Targeted Audit









Privacy



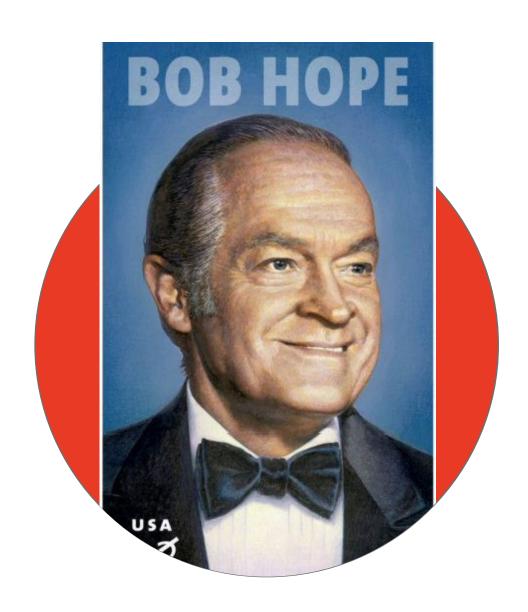


Privacy



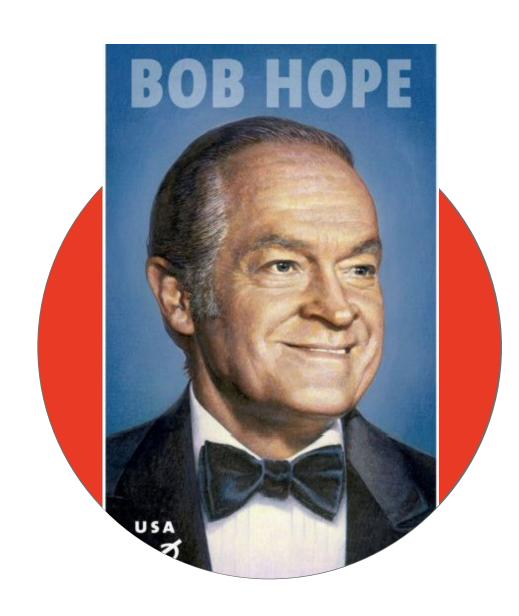




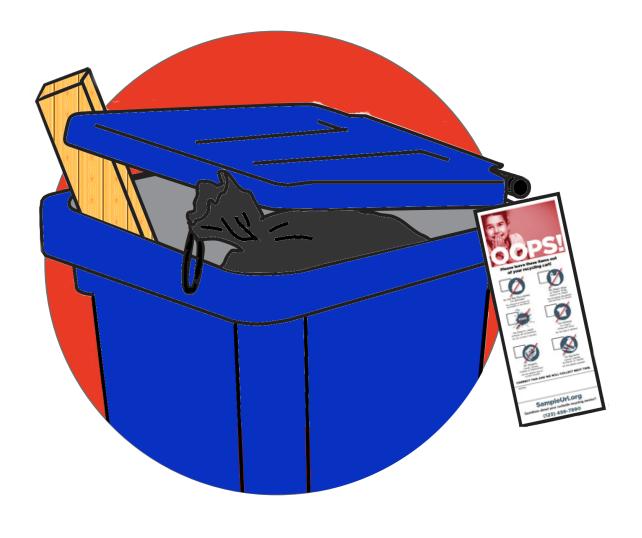


Hope



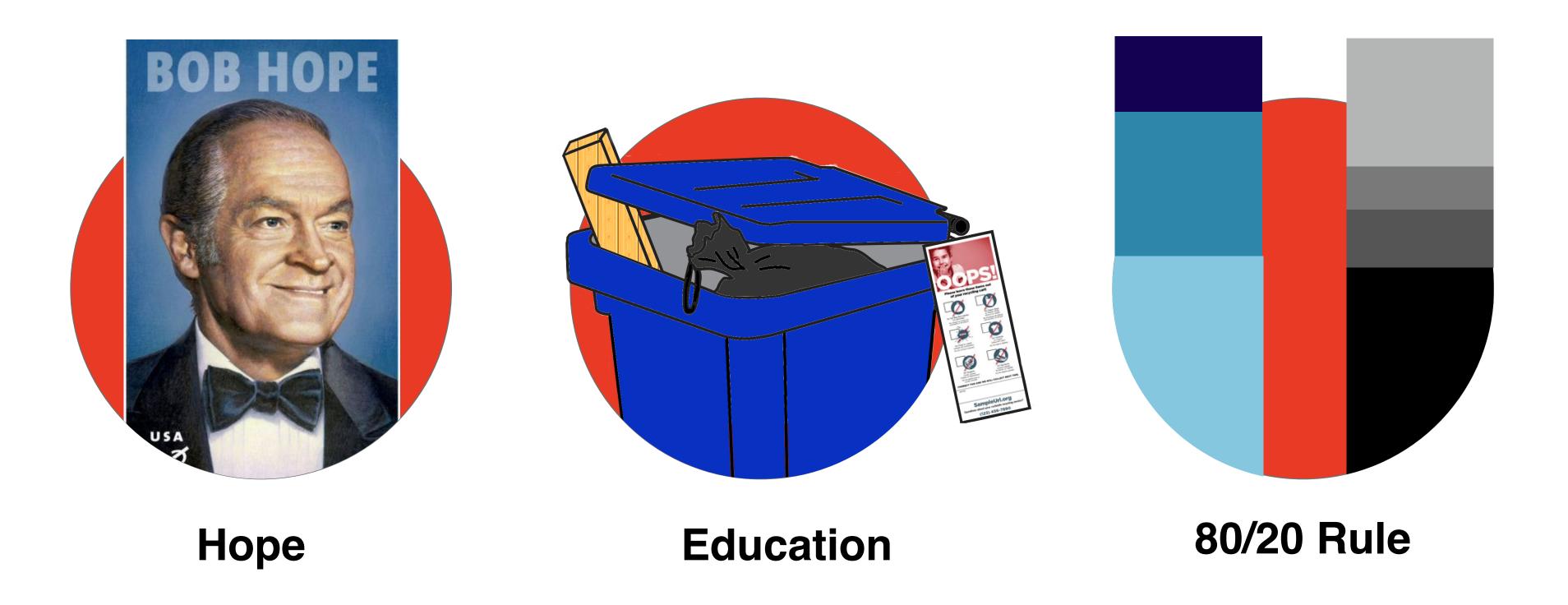


Hope

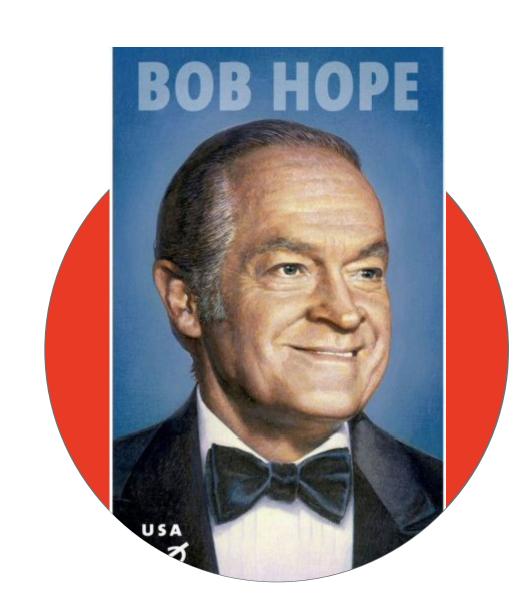


Education

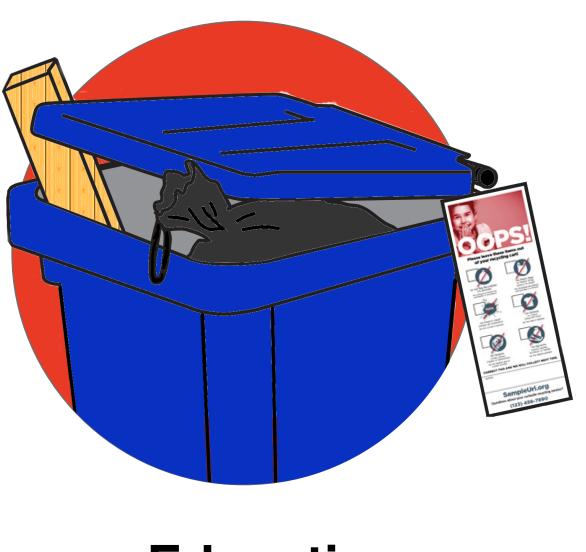




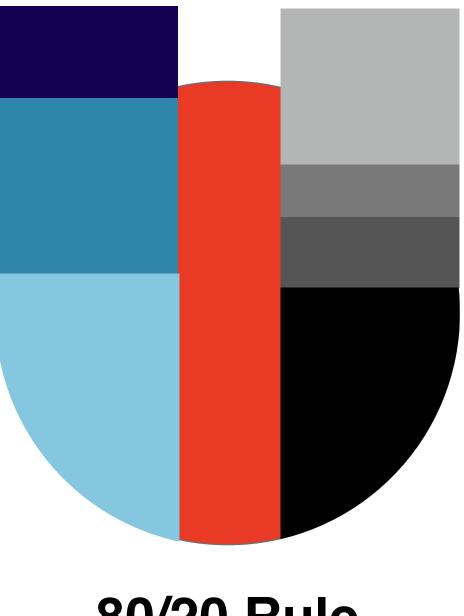




Hope



Education



80/20 Rule



Machine Learning



Recycling Contamination & Machine Learning

Sam@PrairieRobotics.com

