Dog Waste and Litter Data Collection

Intervention: Installation of strategically-placed trash cans on development grounds to reduce incidents of dog waste and littering.

Indicator(s):

- **Primary outcomes:**
  - Number of incidents of dog waste left out on development grounds
  - Number of pieces of litter left out on development grounds
- **Secondary outcome:** Residents' perception of cleanliness at their development

Unit Measurement:

- **Dog Waste:** An individual dog dropping is defined as **one unit of dog waste that is approximately 3 feet away from any other units of dog waste.** The individual dog dropping should also appear to exhibit uniform color and hardness relative to another potential nearby dog dropping. Dog waste stains on the NYCHA development grounds that have been noticeably smeared or stepped on will be counted as a single dog dropping. Again, the dog waste stain must be approximately 3 feet away from any other similar stains in order to constitute as an individual dropping.
- **Litter:** An individual piece of litter will be defined as any item of paper, wood, glass, metal, plastic, rubber, fabric, leather, food or food byproducts (i.e., orange rinds, banana peels, bones, etc.), or broken toys, **measuring two or more inches in diameter.** Other items, such as grass, leaves, twigs, branches, rocks, stones, bagged trash, are not to be counted as litter.

Data Collection Source(s): For this particular problem, data will be sourced directly from hired research assistants. Research Assistants will:

- Count the amount of individual dog droppings and litter on development grounds
- Conduct 10 resident perception surveys focusing on the quality of life at each development

Trash Disposal Data Collection

Intervention: Placement of tilt-trucks at previously informal drop-sites to reduce amount of household trash bags left in the front and sides of buildings.

Indicator(s):

- **Primary outcome:** Number of bags of trash left at informal trash disposal sites (front and sides of buildings)
- **Secondary outcome:** Residents' perception of cleanliness at their development

Unit Measurement(s): There are two measurement standards for different kinds of trash at informal drop sites:

- **Bagged trash:**
  - An individual trash bag of any size (grocery bag, 13-gallon bag, 20-gallon bag, etc.)
  - Trash surrounding a bag that likely spilled over because a bag spilled or was ripped open
  - Boxes
- **Non-bagged trash:** This form of trash will be counted as litter and counted as part Research Assistants' count of litter on development grounds.

Data Collection Source(s): For this particular problem, data will be sourced directly from hired research assistants. Research Assistants will:

- Count the amount of bagged trash left at informal trash disposal sites (front and sides of buildings)
- Conduct 10 resident perception surveys focusing on the quality of life at each development