

# 2023 NYC Waste Characterization Study

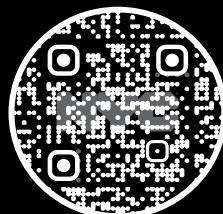
2023 NYC Waste Characterization Study

Conducted by the  
NYC Department of Sanitation (DSNY)



sanitation

**NYC**  
Eric Adams  
Mayor



# 2023

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**Commissioner Jessica Tisch**

New York City,  
Department of Sanitation

# I. Commissioner's Note

To defeat the trash, one must know the trash. Every grand strategy, every new policy, every operational development must be backed by timely, accurate information.

Over the last two years, DSNY has undertaken a number of new initiatives around the cleanliness of our streets and the safe, responsible disposal of our waste, collectively known as the Trash Revolution. These once-in-a-generation changes to the way New Yorkers interact with 44 million pounds of waste each day are making a difference in every corner of the City. DSNY sought to update the 2017 Waste Characterization Study in order to gather the information necessary to keep up this fight for cleanliness.

As you will see, the findings of the 2023 Waste Characterization Study include data that will provide significant guidance to the next steps of the Trash Revolution. There is new information about the success of universal, easy-to-use composting programs, and actionable information about the relationship between waste generation and density that will be useful in the long-overdue effort to containerize all of New York City's trash. In addition, the study found that since bans on expanded polystyrene and plastic shopping bags went into effect, both of these items have declined substantially in the waste stream, validating bans as an effective strategy and lending credence to the fight to enact extended producer responsibility at the state level.

I want to thank every member of New York's Strongest who worked on this document over the last year, and look forward to continuing to fight for clean streets alongside you on behalf of all New Yorkers.



## II. Key Takeaways

- New Yorkers discarded fewer pounds of refuse in the periods evaluated for the 2023 Waste Characterization Study (2023 Study) than in any of the previous study years (2005, 2013, 2017).
- Metal, glass, plastic (MGP) and paper recycling outcomes have declined from previous study years: capture rates have decreased, while contamination rates have increased.
- The NYC Department of Sanitation (DSNY) began the first-ever borough-wide curbside organics collection program in Queens concurrently with the start of the 2023 Study. The organic material diversion findings in this Study reflect a program in its infancy and do not demonstrate the full impact of curbside organics collection. However, there are early signs of success, such as a low 4% contamination rate.
- Due to the rapid emergence of the e-mobility market and the growth of rechargeable electronic devices, lithium-ion batteries are a new, widespread occurrence in the waste stream.
- Since the 2017 Waste Characterization Study (2017 Study), New York State passed a statewide ban on the distribution of most plastic bags. Both the State and the City have banned certain expanded polystyrene products. The prevalence of these materials in the waste stream significantly declined from the 2017 Study to the 2023 Study: expanded polystyrene decreased by 54%, while plastic shopping bags decreased by 68%.
- The 2023 Study includes an added analysis of waste outcomes by density and income; both factors are found to have significant effects on household discard outcomes:
  - Income is positively correlated with MGP and paper recycling participation;
  - Density is negatively correlated with the amount of household waste generated.

## III. Introduction

Fulfilling the requirements of Local Law 40 of 2010, the NYC Department of Sanitation (DSNY) has completed a multi-season residential and institutional Waste Characterization Study. The 2023 Study was conducted over two seasons and determined the waste composition of several major sources from which DSNY collects: residential households, New York City Public Schools, the New York City Housing Authority (NYCHA), and on-street litter baskets. Waste from these generators was categorized into 826 unique material categories, providing a comprehensive review of New York City's waste stream.





## History of Recent Waste Characterization Studies in NYC

Waste characterization studies are periodically conducted to measure the composition of discarded materials and evaluate waste management programs, policies, and collection services, as required by Local Law 40 of 2010. New York City has completed four waste characterization studies to date: 2005, 2013, 2017, and 2023. For each study, a representative sample of waste setouts is sorted

into distinct material categories and aggregated into statistically significant data on the composition of the City's discards. All studies since 2005 adhere to consistent sampling and sorting methodologies but use different material categories and varying stratifications of geography, source generation, density, and income.

### 2005 →

- Density-Income strata-based results.
- Seasonal results
- Street baskets

### 2013 →

- Borough-wide results
- Beverage container and plastic subsort

### 2017 →

- Borough-wide results
- School and NYCHA results
- Beverage container, plastics, and paper subsort

### 2023

- Density-Income strata-based results
- Schools, NYCHA, Street basket results
- Seasonal results
- Extensive subsorts

The full results of the 2005, 2013, and 2017 studies are available at [nyc.gov/wastestudy](http://nyc.gov/wastestudy).



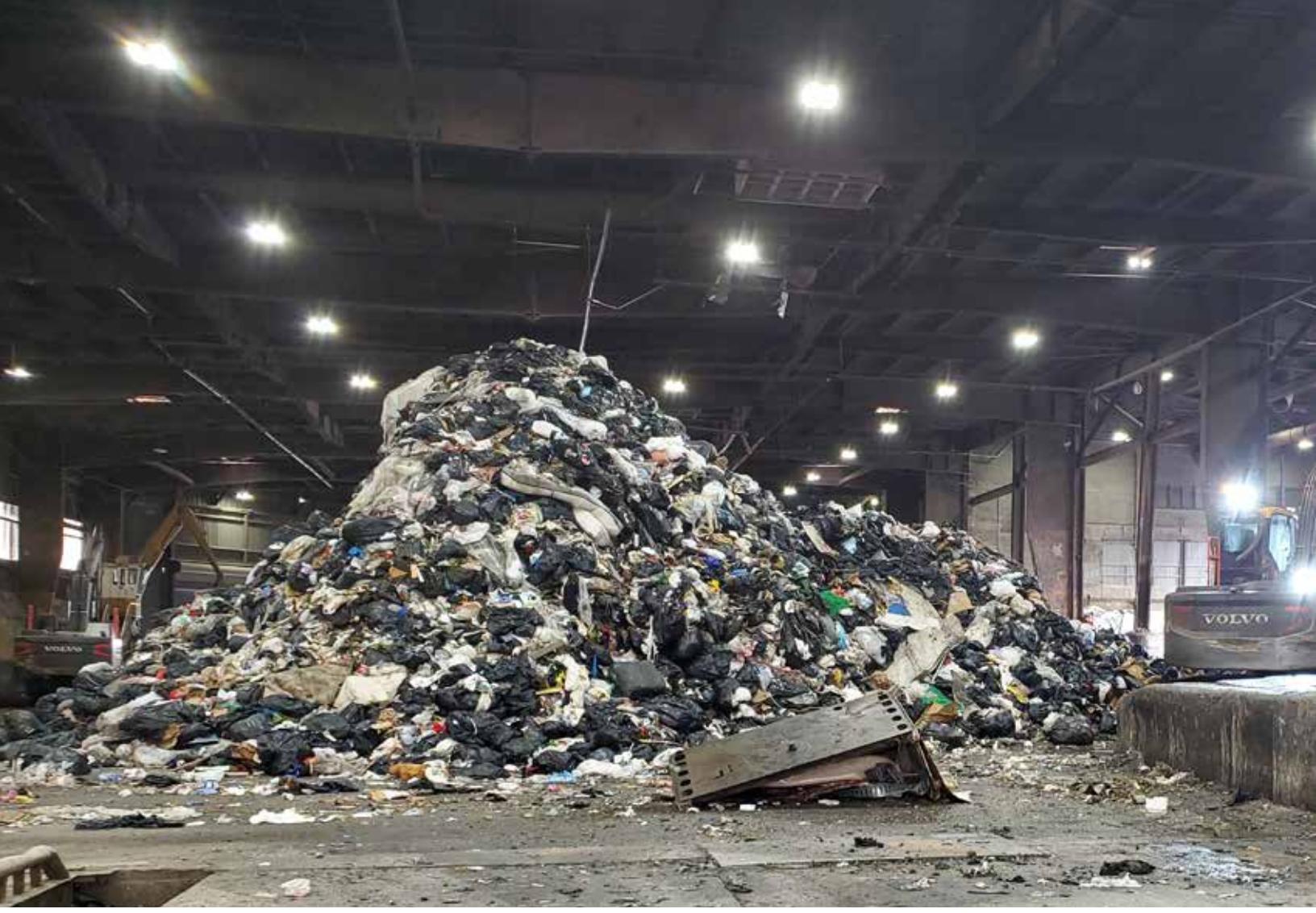
## Changes to DSNY's Waste Management Strategy

In 2023, Mayor Adams and the NYC Department of Sanitation (DSNY) announced the expansion of mandatory curbside organics collection to all five boroughs by fall 2024. While curbside composting programs have existed in New York City for the last decade, none have ever served more than approximately 40 percent of the city. This is the first-ever specific plan and commitment to reach 100 percent coverage citywide, providing residents with simple, universal weekly collection of leaf and yard waste, food scraps, and food-soiled paper products. It is also the first program that will be mandatory for residents.

In 2017, organic waste was collected curbside in select sanitation districts across different boroughs, from 1–9-unit residential buildings and 10+ unit residential buildings that enrolled to participate. DSNY paused the program in 2020 during the COVID-19 pandemic and resumed operations in 2021 in only seven districts, for properties that actively opted-in.

In October 2022, DSNY re-launched curbside organics collection as a borough-wide program in Queens, coinciding with the first weeks of the 2023 Study sorting period. The 2023 Study reflects aggregate organic discards from the first weeks of a net-new program in Queens and select opt-in districts only and is thus not representative of the forthcoming citywide program, rolling out in Fall 2024. Future studies will be necessary to measure the composition of the citywide organics stream.





## Scope of the 2023 Study

The 2023 Study built and expanded upon the scope of all NYC Waste Characterization Studies since 2005. Almost all components from previous studies – seasonality, different generator sources, residential density-income stratification, and specialized subsorts – were included in the 2023 Study. In addition to these components, the 2023 Study included a significant expansion of the number of sort categories.

The 2023 Waste Characterization Study was conducted in fall 2022 and spring 2023. Exact dates for the sampling and sorting periods are shown below:

### ***2023 WCS Sampling and Sorting Periods***

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**Season 1**      October 22, 2022 - December 14, 2022

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**Season 2**      April 22, 2023 - May 25, 2023

## Residential Buildings

The 2023 Study collected samples from residential curbside and containerized collection throughout the five boroughs. Residential collection included single-family homes and residential buildings of all sizes and types. The results are statistically significant citywide and by housing density and income stratification.

Residential results present the current and past composition of the waste stream, as well as comparative generation rates. To account for differences in the number of households across time, data is normalized using pounds per household as the unit of measurement.

## Schools

The 2023 Study included samples of refuse, paper, MGP, and organics collected on dedicated school collection routes. School routes are mostly comprised of public schools, as well as select private and charter schools. Samples from school routes are representative of all types and sizes of schools, and no exclusion criteria was applied.

School results are statistically significant on an annualized basis, citywide. Results from 2023 are compared to 2017 to highlight changes in school waste composition.





## New York City Housing Authority (NYCHA)

A minority segment of NYCHA waste is commingled with non-NYCHA residential waste during shared curbside collection operations, resulting in the potential for NYCHA and non-NYCHA discards to be present in the same sample. To guarantee that sampled waste was generated by NYCHA residents, the 2023 Study's NYCHA waste samples were exclusively taken from developments with large compacting containers collected by DSNY "Roll On Roll Off" (RORO) trucks.

Similarly, almost all recycling (paper and MGP) from NYCHA are collected alongside non-NYCHA residential curbside collections, meaning there is no way to directly attribute NYCHA recycling to a collected sample. Therefore, NYCHA results only include a characterization of containerized waste.

The 2023 Study closely mirrors the methodology of the 2017 Study for measurement of the composition of NYCHA waste collected by DSNY. The 2023 Study compares results from the 2017 Study and are statistically significant citywide, on an annualized basis.

## A Note on Bulk Waste from NYCHA

Many NYCHA developments arrange for separate collection of large or bulky waste items. These collections were not assessed in the 2017 or 2023 studies. As a result, NYCHA results may under-represent large or bulky discards that are not collected by DSNY.

## Street Baskets

The 2023 Study marks the first time street baskets were characterized since the 2005 Study. Only on-street litter baskets were characterized. Other litter baskets—such as those in parks—are not under the purview of DSNY and were therefore not sampled. Additionally, public space recycling bins were not characterized, as they are collected on residential recycling routes and the samples cannot be isolated. Street basket results are statistically significant citywide on an annualized basis.





## IV. Methodology

### **Sampling**

Sampling refers to the retrieval of a small portion of waste dumped at a waste transfer station or recycling facility by a DSNY collection vehicle. The portions of waste taken from each load are known as “samples,” and are weighed, containerized, labeled, and set aside for sorting by Study staff.

The sampling goals for the 2023 Study sought to achieve 90 percent confidence of statistical significance for the following groups of results:

#### **2023 WCS Result Groupings**

<b>Generator</b>	<b>Geography</b>	<b>Time Period</b>
Residential	Citywide	Annual
Residential	Citywide	Seasonal
Residential	Per Density and Income Strata	Annual
Schools	Citywide	Annual
NYCHA	Citywide	Annual
Litter Baskets	Citywide	Annual

Sampling methodology was identical for all streams and generators. All samples were taken solely from loads dumped by DSNY collection trucks at designated transfer stations or recycling facilities. The number of samples from generator source and material stream are reflective of the underlying variability in waste. The higher sampling frequency of residential collections allowed for statistical significance citywide, annually, seasonally, and by density-income strata.

All other sources are statistically significant only at the citywide level on an annualized basis.

#### **Samples per Generator and Material Stream**

<b>Generator</b>	<b>Material Stream</b>	<b>Samples Collected and Sorted</b>	<b>Pounds Collected</b>
Residential	Refuse	1,127	242,305
Residential	MGP	967	106,370
Residential	Paper	258	28,380
Residential	Organics	39	4,290
Schools	Refuse	38	8,170
Schools	MGP	28	3,080
Schools	Paper	19	2,090
Schools	Organics	22	2,420
NYCHA	Refuse	16	3,440
Litter Baskets	Refuse	83	17,845
<b>Total</b>	<b>Aggregate</b>	<b>2,597</b>	<b>418,390</b>

Results for each density-income strata are also presented with 90 percent confidence of statistical significance. Density-income strata were not applied to the organics stream as curbside organics collection was not available citywide during sampling periods.

### Samples per Residential Density-Income Strata

Strata	Refuse*	MGP	Paper	Aggregate
High Density, High Income	215	133	43	391
High Density, Low Income	191	56	15	262
High Density, Medium Income	45	24	6	75
Low Density, High Income	115	153	54	322
Low Density, Low Income	85	41	14	140
Low Density, Medium Income	113	227	54	394
Medium Density, High Income	36	82	8	126
Medium Density, Low Income	152	117	36	305
Medium Density, Medium Income	191	134	28	353
	<b>1,143</b>	<b>967</b>	<b>258</b>	<b>2,368</b>

\* Residential refuse is inclusive of NYCHA

## Sorting

Sorting is the systematic process in which waste is separated, categorized, and weighed into material categories based on specific characteristics or criteria. During the 2023 Study sorting process, trained personnel carefully examined and separated waste into categories by manually sifting through each sample.

There were 96 main categories for which each sample could be separated. Examples of items and definitions for each main sort category can be found in section 12, **“Material Category Definitions.”** In addition to the 96 sort categories, certain material groups were further subsorted. In total, there were 826 subsort categories.



All samples across sources and streams were sorted and subsorted into the same set of material categories.

## V. How Results are Presented

Composition results are presented by generator source and, in the case of residential results, by density income strata. The composition of a waste stream is presented in relative terms by percentage of material types making up that waste stream. As one material category increases, others proportionally decrease.

Waste generation results for the residential stream are presented in absolute terms as the quantity by weight of each material type. Contrasts to the past are illustrated by using comparative categories. The quantity of each material is calculated by applying the percent composition to the total quantity of specified DSNY collections.

The term “aggregate discards” is used throughout the report to mean the sum of all material streams for each generator. Therefore, aggregate discards in residential results refers to the sum of refuse, MGP, paper, and organics for all residential properties.



# Residential Housing Density and Income Stratification

## Introduction to Density and Income Stratification

Residential results for the 2023 Study are presented by housing density and income. Both criteria have three tiers: low, medium, and high. They are combined to create 9 distinct density-income strata:

*Density-Income Strata*

	Density		
	High Density	Medium Density	Low Density
<b>High Income</b>	HDHI	MDHI	LDHI
<b>Medium Income</b>	HDMI	MDMI	LDMI
<b>Low Income</b>	HDLI	MDLI	LDLI

The basis for the stratification of results into these groups is taken from the 2005 NYC Waste Characterization Study (Study). Data from the 2005 Study consistently shows these demographic criteria affect waste generation, recycling compliance, and waste composition.



## Assigning Density-Income Strata to DSNY Districts

One of nine density-income strata was assigned to all 59 DSNY districts, which closely resemble NYC's community districts. Each of the 59 districts was sorted into one of the three tiers – low, medium, high – for both housing density and income.

### Density

The housing density of a district was determined by calculating the total number of residential households per square mile of area zoned for residential use. This excluded parks, airports, and commercial and industrial zones.

To calculate this, information from the most recently available building-level data generated by the NYC Department of City Planning and the NYC Department of Buildings (MapPLUTO version 21v3) was used. Once the housing density for each district was calculated, the results were divided into the three ascending quantiles.

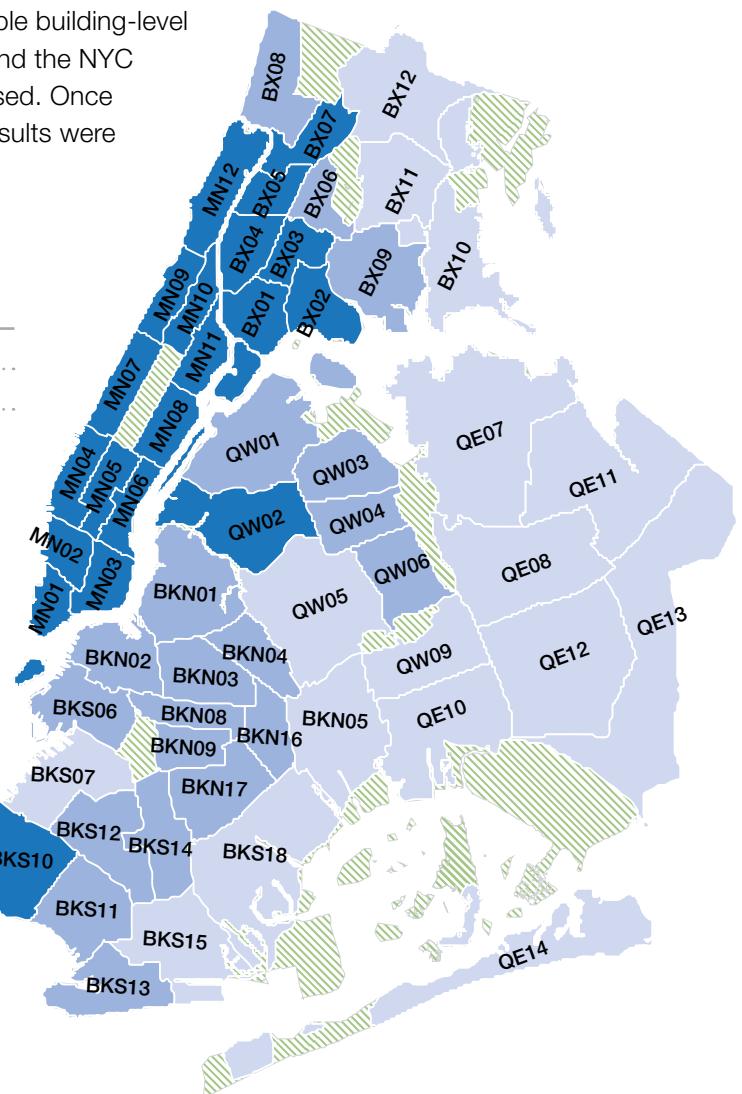
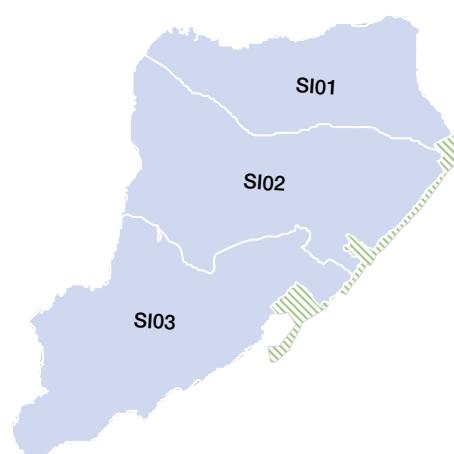
### Density Parameters

Density Strata	Housing Units Per Square Mile of Area Zoned for Residential Use
Low Density	< 30,000
Medium Density	30,000 - 69,600
High Density	> 69,600

The following map represents these density parameters applied to all DSNY districts:

### WCS Housing Density Stratification 2022-23

- Low
- Medium
- High
- Parks



## Income

Income per district was assigned using Median Household Income tables from the most recently available dataset that covered district-level geographies (5-Year 2015-2019 American Community Survey, Census Data). Once assigned, results were similarly separated into ascending quantiles:

### *Income Parameters*

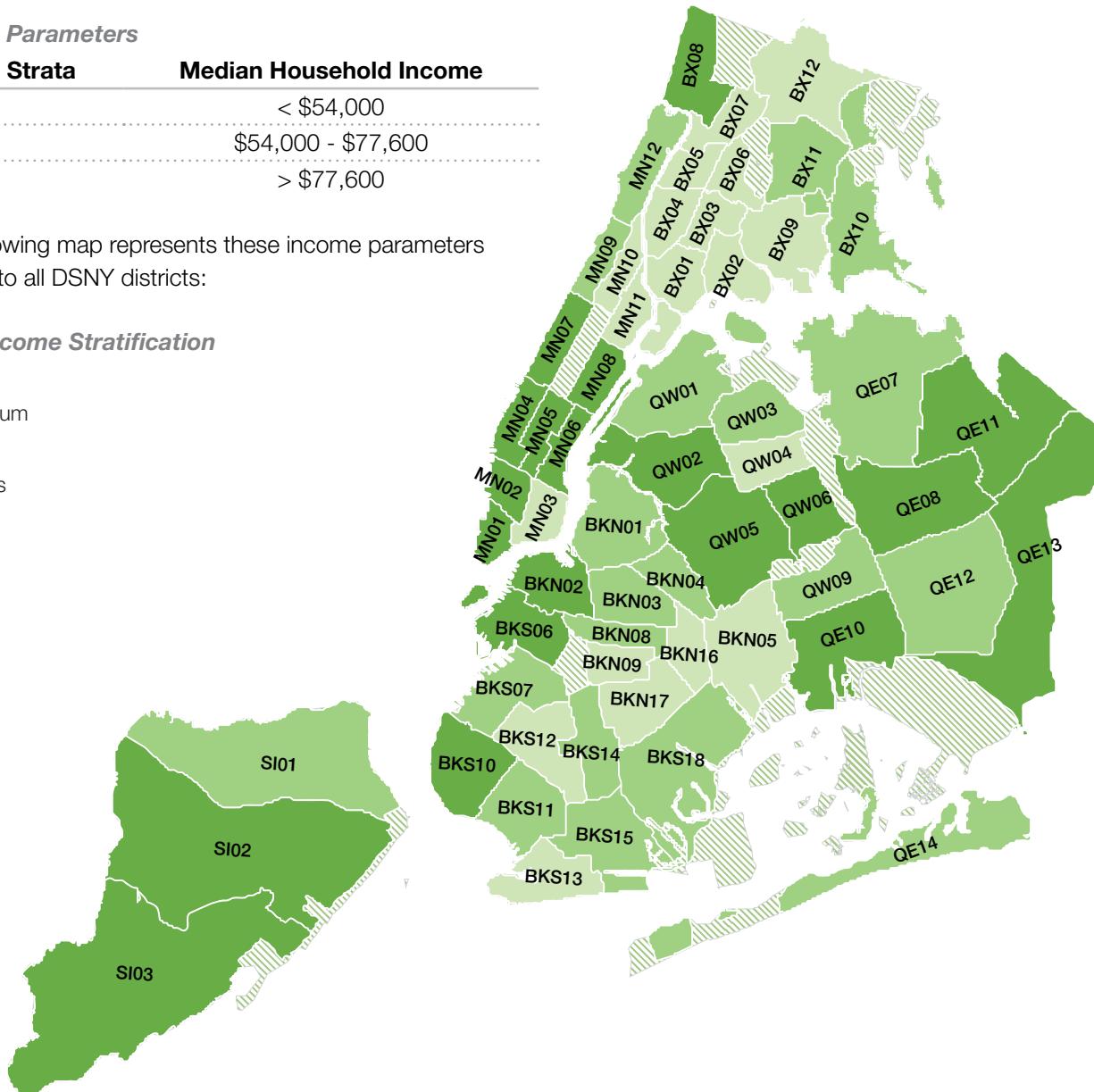
#### **Income Strata      Median Household Income**

Low	< \$54,000
Medium	\$54,000 - \$77,600
High	> \$77,600

The following map represents these income parameters applied to all DSNY districts:

### *WCS Income Stratification*

- Low
- Medium
- High
- Parks

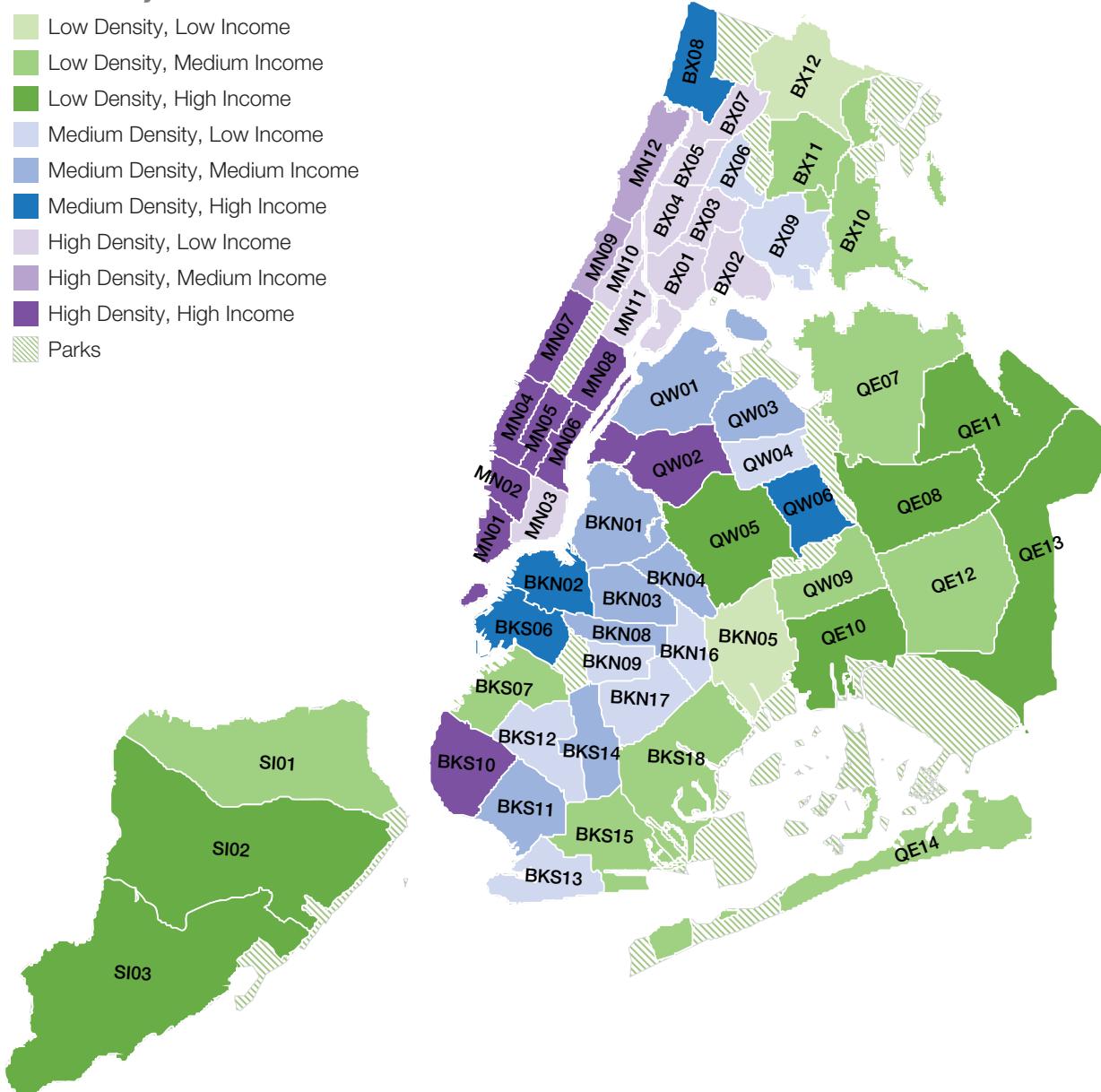


## Combining Density and Income per District

Once every district had an assigned density and income, the two variables were combined to form the 9 stratifications by which results are organized. A map of the corresponding districts and strata is shown in the following map.

### WCS Density-Income Stratification

- Low Density, Low Income
- Low Density, Medium Income
- Low Density, High Income
- Medium Density, Low Income
- Medium Density, Medium Income
- Medium Density, High Income
- High Density, Low Income
- High Density, Medium Income
- High Density, High Income
- Parks



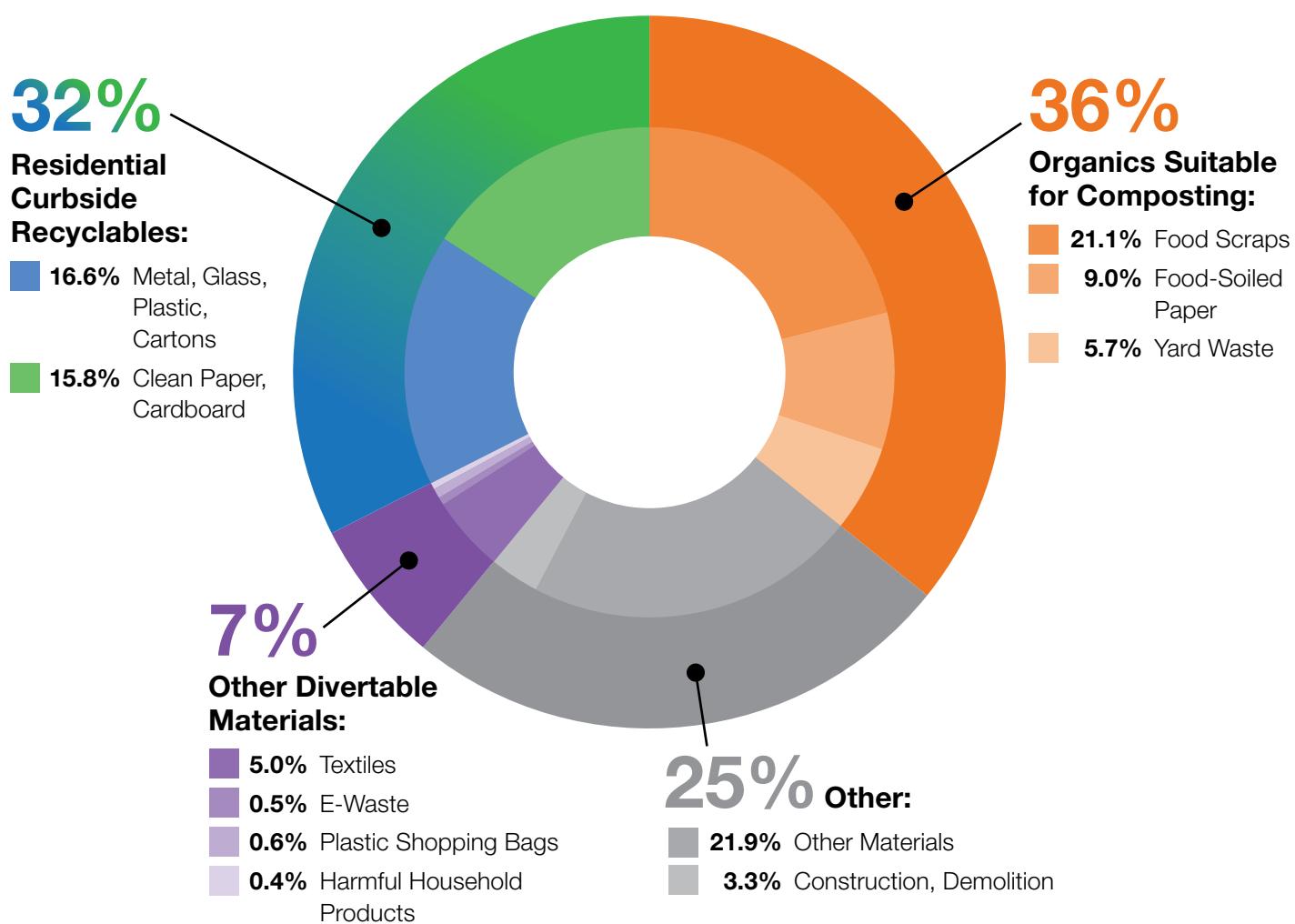
Highlights of material groups and categories that were found to have strong correlative relationships with either density or income are highlighted in the section **“Material and Group-Specific Effects of Density-Income Strata.”**

The 2023 Waste Characterization Study: Results

# VI. Residential Collections

## 2023 Residential Waste Profile

Residential curbside and containerized collections make up the largest portion of DSNY managed waste. The graphs and tables in this report show results for the 2023 Study. Waste generation rates are shown in pounds per household per year. Full statistics, including breakdowns of all subsort categories for the 2023 Study results can be viewed in the accompanying data at [nyc.gov/wastestudy](http://nyc.gov/wastestudy).



The 2023 Study reveals that 75% of New York City residential waste is made of up materials that can be diverted from landfill with currently available DSNY-managed programs and private recycling operations. In FY23, DSNY's diversion rate was 20.2%.

Residential curbside recyclables are materials that are divertible via DSNY curbside collection provided to all New York City residential properties, which includes paper and cardboard, and metal, glass, and plastic (MGP). Together these materials make up approximately one third of all residential waste.

Organics, which includes food waste, yard waste, and other compostable materials, make up approximately another third. This group of materials can be diverted through DSNY's curbside organics collection and drop-off services.

An additional 7% of residential waste is comprised of materials that are divertible but for which DSNY has no scaled curbside collection. This includes textiles, which make up 5% of all residential waste. Textiles are diverted either through DSNY-managed donation programs, private donation centers, public and private collection bins, or retail takebacks.

Electronics and harmful household waste make up approximately 1% of the waste stream. These materials can be dangerous to the environment and health and human safety if not disposed of properly. In NYC, these materials are most often properly disposed of at DSNY's "SAFE Disposal Events" and Special Waste Drop-off Sites, and by retailers in take-back programs.

The remaining portion, "Other," represents approximately one fourth of all discarded materials that currently have no or very limited diversion opportunities. These materials are highly varied, including diapers, foam, garden hoses, and different types of film plastics. Residential construction and demolition debris makes up the most substantial single category at 3.3% of the aggregate.

## Per Household Waste Generation

On a per household basis, generation of all aggregate waste is down in NYC compared to 2017, continuing the significant downward trajectory from 2005. In 2017, the average NYC household generated 1,988 pounds of trash per year compared to 1,899 pounds in 2023.

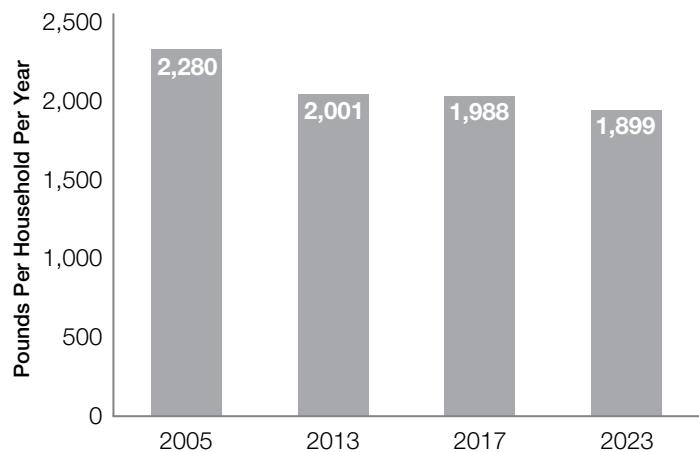
The downward trend in aggregate waste is driven by the decline in refuse and paper generation. Overall refuse collections per household per year have dropped 17.4% in the previous two decades, and by 4.2% since 2017.

**32% of all residential waste is universally divertible through curbside collection.**

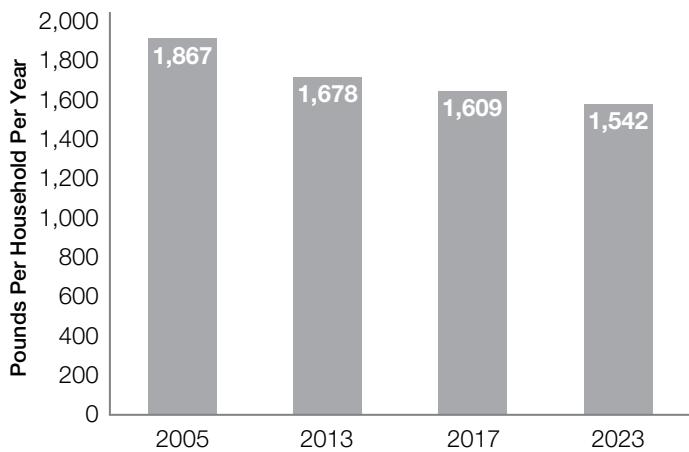
**As of Fall 2024, an additional 36% — organics suitable for composting — will be universally divertible through curbside collection.**

The difference in refuse tonnage is not inversely reflected in proportional increases to recycling discards. Both paper and MGP tonnages per household slightly declined from 2017 to 2023. In paper, for which overall tonnage is at the lowest point since 2005, that drop was driven by the decline of all paper categories, except for cardboard. Despite the small downward fluctuation, MGP maintains a higher overall tonnage level than in 2005 and 2013. Following the 2013 Study, DSNY added “all rigid plastics” to the MGP stream which must be considered when evaluating relative tonnages between 2013 and later studies.

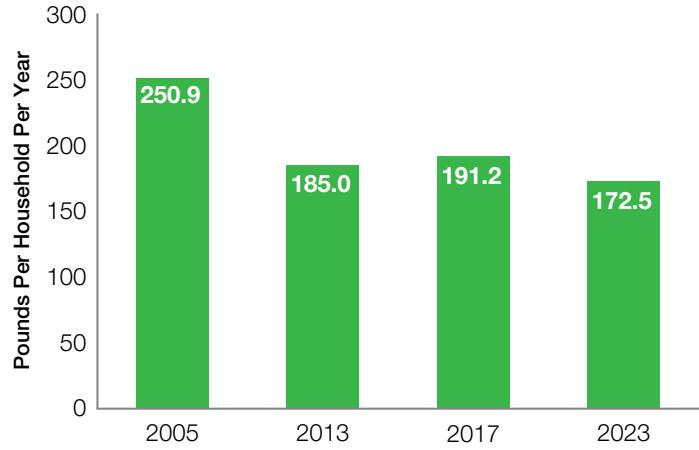
**Citywide Annual Residential Aggregate Collections Per Household Over Time**



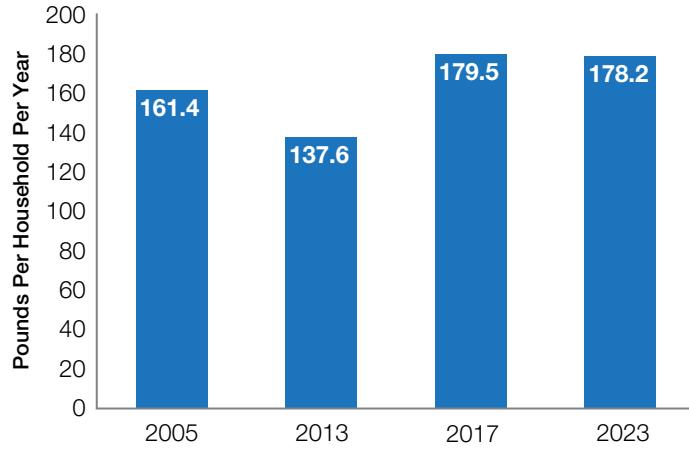
**Citywide Annual Residential Refuse Collections Per Household Over Time**



**NYC Residential Paper Recycling Collections Per Household Over Time**



**NYC Residential MGP Recycling Collections Per Household Over Time**



The “other” materials category, which includes anything that is not divertible, has increased slightly from 2017, but has held around a quarter of all discards since 2005.

The table below breaks down the relative percentages of each material category across all residential collection streams.

	2005	2013	2017	2023
<b>Residential Curbside Recyclables</b>	<b>35.7%</b>	<b>29.1%</b>	<b>34.0%</b>	<b>32.5%</b>
Clean paper, cardboard	22.8%	18.3%	17.1%	15.8%
Metal, glass, plastic, cartons	12.9%	10.8%	16.9%	16.6%
<b>Organics Suitable for Composting</b>	<b>28.0%</b>	<b>31.5%</b>	<b>34.4%</b>	<b>35.8%</b>
Food Scraps	17.7%	18.0%	20.7%	21.1%
Food-Soiled Paper	6.1%	7.5%	8.1%	9.0%
Yard Waste	4.2%	6.1%	5.5%	5.7%
<b>Other Divertable Materials</b>	<b>8.5%</b>	<b>9.8%</b>	<b>9.0%</b>	<b>6.6%</b>
E-Waste	0.64%	0.89%	0.34%	0.52%
Harmful Household Products	0.25%	0.39%	0.43%	0.44%
Textiles	4.8%	6.2%	6.3%	5.0%
Plastic Shopping Bags	2.7%	2.3%	1.9%	0.65%
<b>Other</b>	<b>23.9%</b>	<b>25.7%</b>	<b>22.7%</b>	<b>25.1%</b>
Construction, demolition	5.2%	5.1%	4.5%	3.3%
Other materials	18.7%	20.6%	18.2%	21.9%
<b>Non-Bottle Rigid Plastics</b>	<b>3.9%</b>	<b>3.9%</b>	*	*

\*Totals may not match seasonal and Density-Income results due to comparative category aggregation across time and rounding.

\*\*Non-bottle rigid-plastics were categorized as Refuse in 2005 and 2013, and categorized as MGP recycling beginning in 2017.

# Recycling Outcomes

## External Factors Impacting Recycling Outcomes

Recycling outcomes are driven by a number of factors beyond residential recycling behavior, such as changes to consumption patterns, the weight of packaging, and policy choices.

### COVID-19 PANDEMIC

While the COVID-19 pandemic lockdown period had ended prior to the start of sampling, behavioral and economic shifts arising from this time likely impacted changes to the waste stream.

One potential pandemic-induced change was the shift of waste generated by New Yorkers in the workplace to home. Since the last study, more of the workforce has transitioned to either a hybrid or remote-only work environment. This shift may have affected the quantity and composition of waste generated during working hours including material moving from the commercial waste stream to the residential stream.

In addition, the pandemic increased the frequency of direct-to-consumer deliveries as residents were less likely to leave their homes to purchase goods. These behavioral changes, which increased during the pandemic, may have become permanent for some individuals. The increase of direct-to-consumer deliveries may have also increased the quantity of packaging waste associated with these deliveries – pouches, cardboard, film plastic.

### CONSUMPTION

Significant changes in consumption patterns may impact resulting discards. For instance, the decline in print newspaper sales has resulted in a

significant decrease in paper recycling tonnages over the past two decades.

### LIGHTWEIGHTING

The evolution in product design towards the use of lighter weight packaging materials, particularly in the recyclables category – specifically glass bottles and aluminum and steel cans – will make it challenging to fairly compare or analyze changes to aggregate discards over time.

Advances in technology have also resulted in changes to materials used and the weight of collections. Products that were once large and bulky may now be thinner and lighter. One evident example is the decrease in weight of electronic equipment (such as the change from large CRT monitors to flat screens) over the last several decades.

### CANNING

The NYS Returnable Container Act, better known as the “Bottle Bill,” applies a five-cent deposit on certain types of beverage containers in the state. When these materials are set out with refuse or curbside recyclables, they may be taken by canners to redeem the five-cent deposit. As a result, this material is removed from the waste stream prior to DSNY collection and is not included in the measured analysis. Recycling outcomes may not reflect an accurate measurement of all diverted materials.





## Definitions

**Diversion rate** is the percentage of all waste that is diverted away from disposal through recycling, composting, or other beneficial use. The diversion rate applies to the aggregate waste stream and is not applicable to individual materials.

**Capture rate** measures recyclable materials that are properly recycled in their respective recycling streams as a percentage of the total aggregate of that material across all streams. “Uncaptured material” refers to recyclable materials that are improperly disposed.

**Contamination rate** measures the percent of non-recyclable materials that are improperly disposed of in a recycling stream. High contamination rates are detrimental to recycling systems. Although modern recycling facilities can sort out contamination from recyclables, large amounts of contaminants increase costs, reduce operational efficiency, and may reduce the post-processing market value of recycled materials.

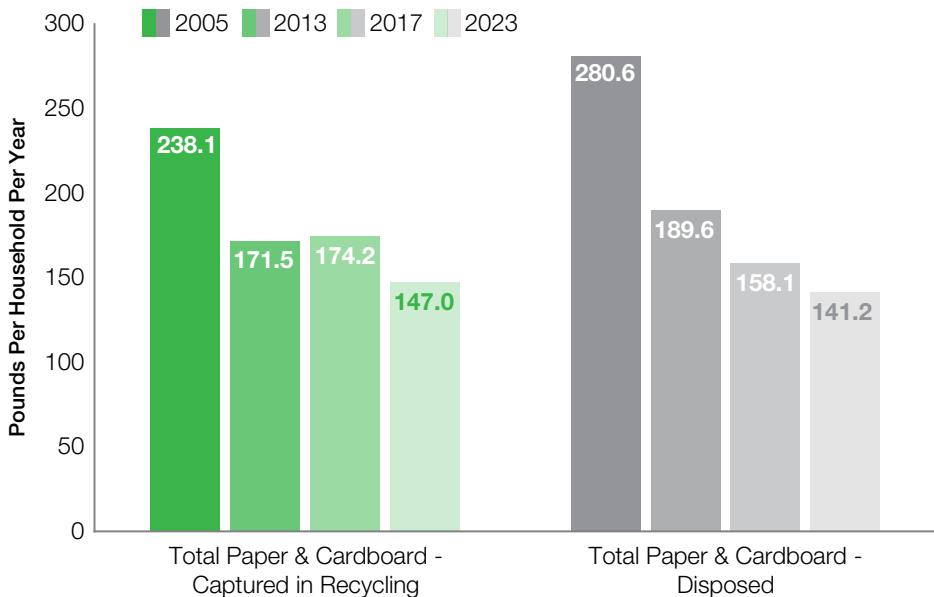
## Results

Recycling outcomes are trending negatively: capture rates for recyclables have decreased, while the contaminants in recycling have increased.

### Paper Capture Rates

The amount of clean paper and cardboard across all waste streams has decreased since 2017, but so has the amount captured in recycling. 2023 was the first year in which paper capture rates have declined since measurements began in 2005.

#### Total Recyclable Paper & Cardboard Captured in Recycling vs. Disposed



Capture Rate for Paper Recycling Over Time	
2005	45.8%
2013	46.8%
2017	51.3%
2023	48.8%

The table above shows the capture rate of recyclable clean paper and cardboard in NYC in descending order.



#### Capture Rate for Paper Recycling by Material Category

Paper Material Category	Capture Rate
Plain OCC/Kraft Paper	71.4%
Newspaper	51.6%
Shredded Paper	42.0%
High Grade Paper	30.0%
Mixed Low Grade Paper	27.0%

## MGP Capture Rates

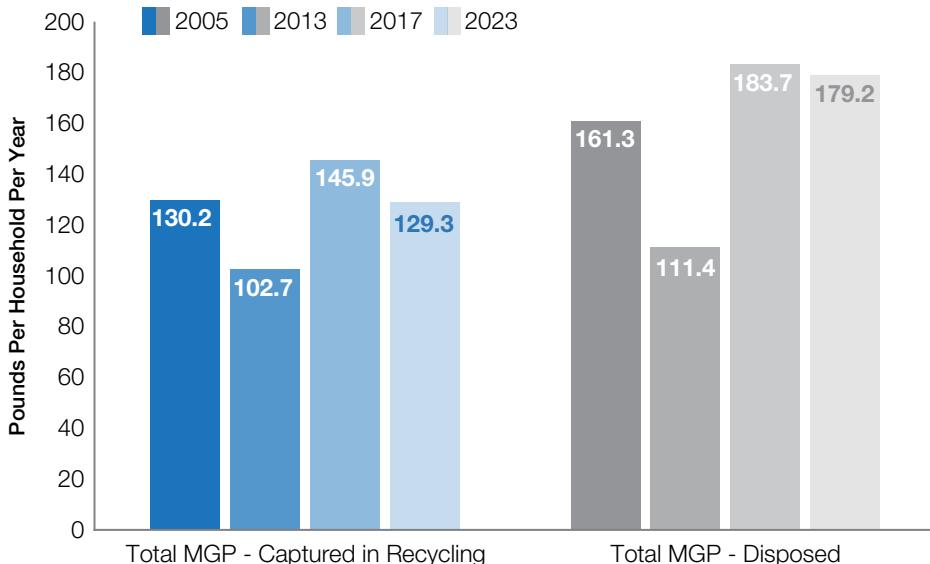
Total MGP capture rates declined in 2023 when compared to all previous studies since 2005.

MGP decreased both in generation and capture rate from 2017 to 2023. The designation of non-bottle rigid plastics caused both the weight and capture rate of MGP recyclables to spike in 2017 compared to previous years. The capture rate for this material from 2017 to 2023 plateaued, with a capture rate change of 27.5% to 27.4%.

The decline in MGP capture rate is driven by the decreases in plastic bottles and jugs, and other MGP items. From 2017 to 2023, the capture rate for rigid plastic bottles and jugs fell from 50% to 45.7%. For other MGP items, the rate fell from 50.4% to 47.1%.

2017 was the first study year in which non-bottle rigid plastics were designated recyclable in NYC. To account for this rule change and allow comparison, non-bottle rigid plastics are separated out.

### **Total MGP Captured in Recycling vs. Disposed in Refuse**



### **Capture Rate for MGP Recycling Over Time**

	2005	2013	2017	2023
Rigid Plastic Bottles and Jugs	41.7%	50.6%	50.0%	45.7%
Non-bottle Rigid Plastics*	12.8%	16.4%	27.5%	27.4%
Other MGP Items: Metals, Glass Containers, Cartons	44.8%	46.5%	50.4%	47.1%

### **Capture Rate for MGP Recycling**

2005*	44.3%
2013*	47.4%
2017	43.5%
2023	40.9%

\* 2005 and 2013 capture rates do not include non-bottle Rigid Plastics.

\* Non-bottle Rigid Plastics were categorized as Refuse in 2005 and 2013, and categorized as MGP recycling in 2017 and 2023.

The list of recyclable material categories in the MGP stream in NYC is extensive. The table below provides capture rates for all recyclable metal/glass/plastic materials in descending order.

#### **Capture Rate for MGP Recycling by Material Category**

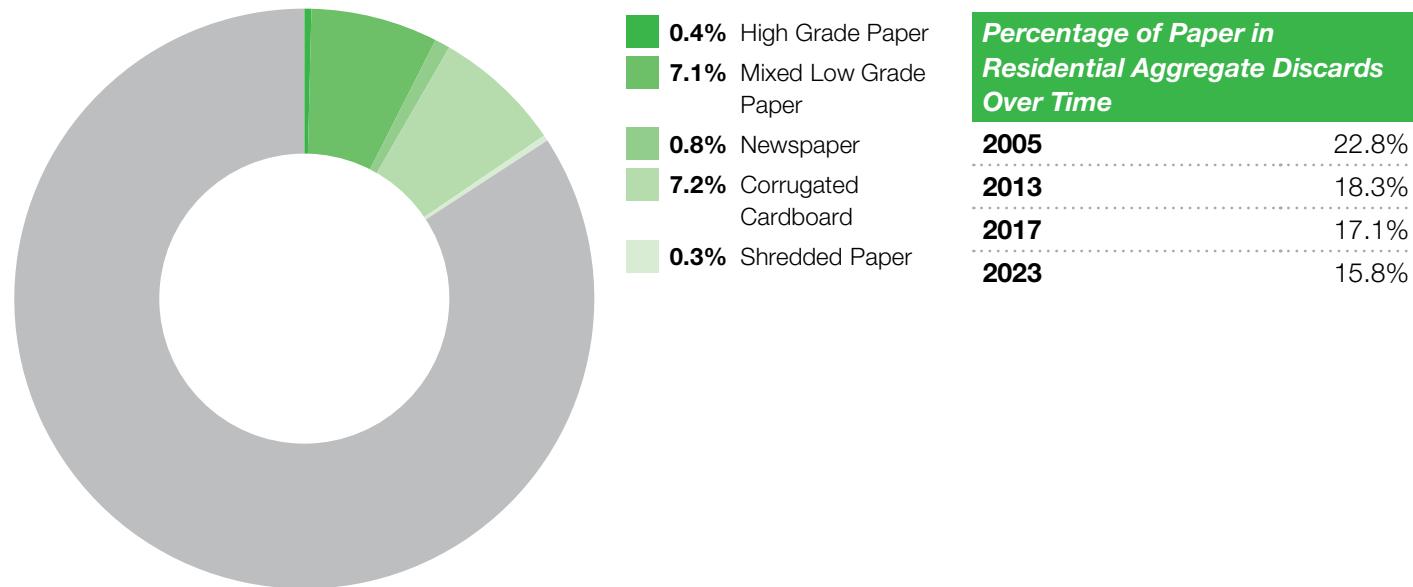
<b>MGP Material Category</b>	<b>Capture Rate</b>
Appliances: Non-Ferrous	82.7%
Green Container Glass	69.9%
Appliances: Ferrous	66.6%
Mixed Cullet	62.7%
#2 HDPE Colored Bottles	57.9%
Other Color Container Glass	57.7%
Bulk/Rigid: Plastic Toys/ Housewares	57.6%
Appliances: Plastic	56.4%
#2 HDPE Natural Bottles	54.7%
Clear Container Glass	53.3%
Steel/Tin Food Cans	48.4%
Brown Container Glass	47.8%
#1 PET Bottles - All Other Colors	46.7%
Other Ferrous	45.9%
Mixed Metals	43.2%
Other PVC	42.9%
#1 PET Bottles - Clear & Green	39.3%
#3-#7 & Unlabeled Bottles	35.8%
Beverage Cartons & Aseptic Boxes	35.5%
Thermoforms	31.9%
Empty Aerosol Cans	31.7%
Bulk/Rigid: Plastic	31.6%
Bulk/Rigid: Other Durable	30.6%
Other Non-Ferrous	28.6%
Other Glass	27.7%
Tubs & Lids	25.9%
Aluminum Cans & Bottles	25.5%
Other Aluminum	23.3%
#1-#7 Other Rigid Containers/Packaging	21.6%
Other Plastics Materials not Elsewhere Classified	20.7%
Aluminum Foil/Containers	11.3%
Single-Use Plastics	9.7%

## Material Category Breakdowns

### Paper and Cardboard

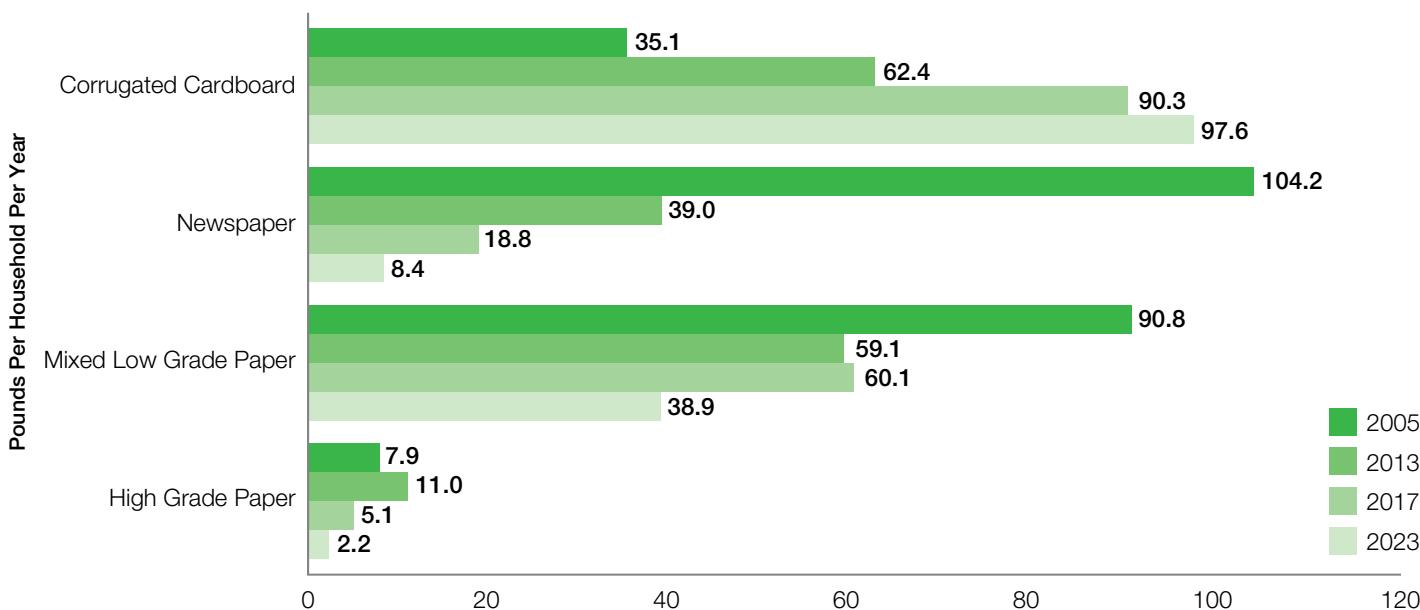
Except for cardboard, all categories of paper have seen a steady decline in the waste stream over the last two decades.

*Citywide Annual Composition of Paper in Residential Aggregate Discards*

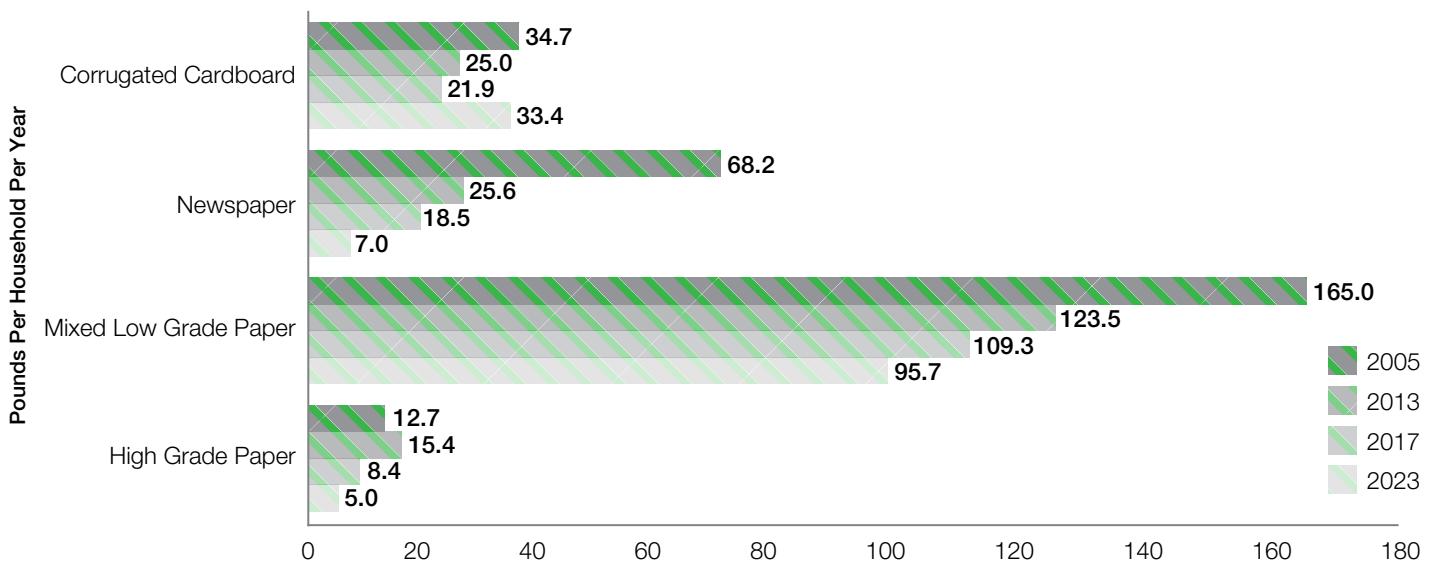


*Note: Totals may not sum exactly due to rounding.*

*Residential Curbside Paper & Cardboard Captured in Recycling:  
2005 vs. 2013 vs. 2017 vs. 2023*



**Residential Curbside Paper & Cardboard Disposed in Refuse:  
2005 vs. 2013 vs. 2017 vs. 2023**



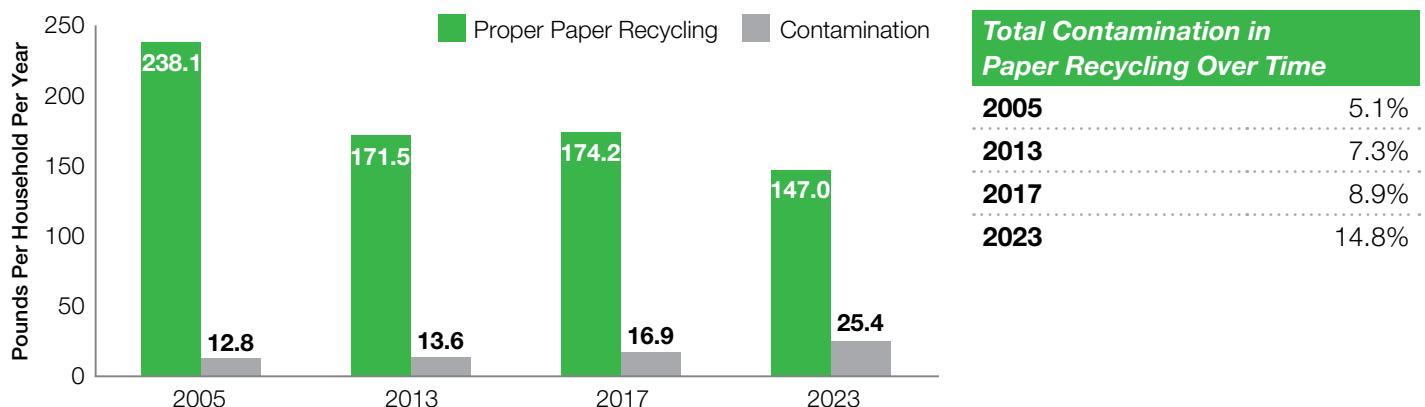
In the paper recycling stream, all clean paper categories have decreased except for corrugated cardboard.

A similar pattern is observed in the refuse stream. All clean paper materials have decreased, except for cardboard. Mixed low-grade paper and high-grade paper are two materials that, despite being designated for recycling, more often end up in refuse than in recycling.

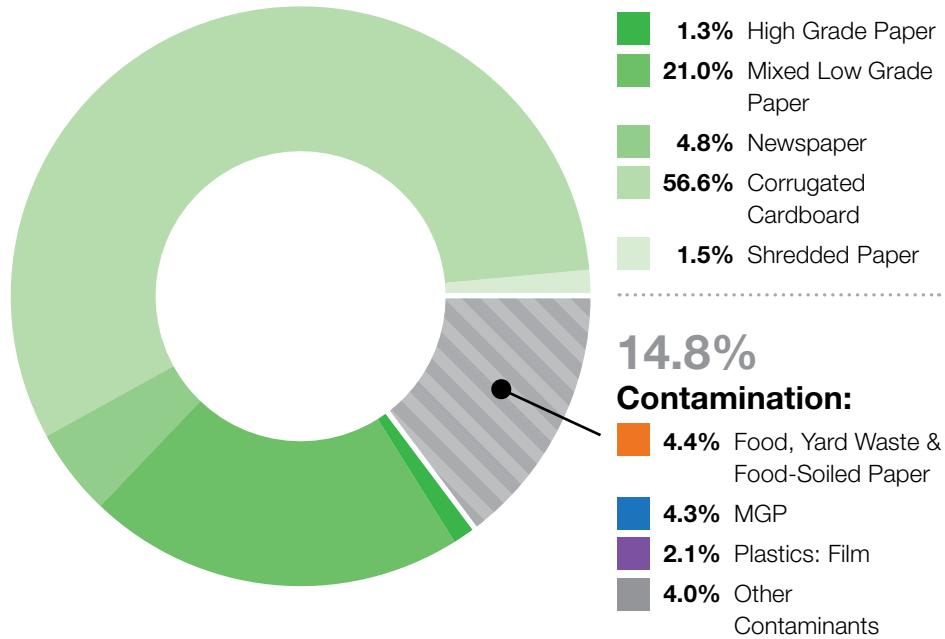
### Paper Contamination

Paper contamination rates have increased by an average of 1.9% between study periods since 2005; however, the 2023 Study found that contamination rates have increased by 6% between 2017 and 2023.

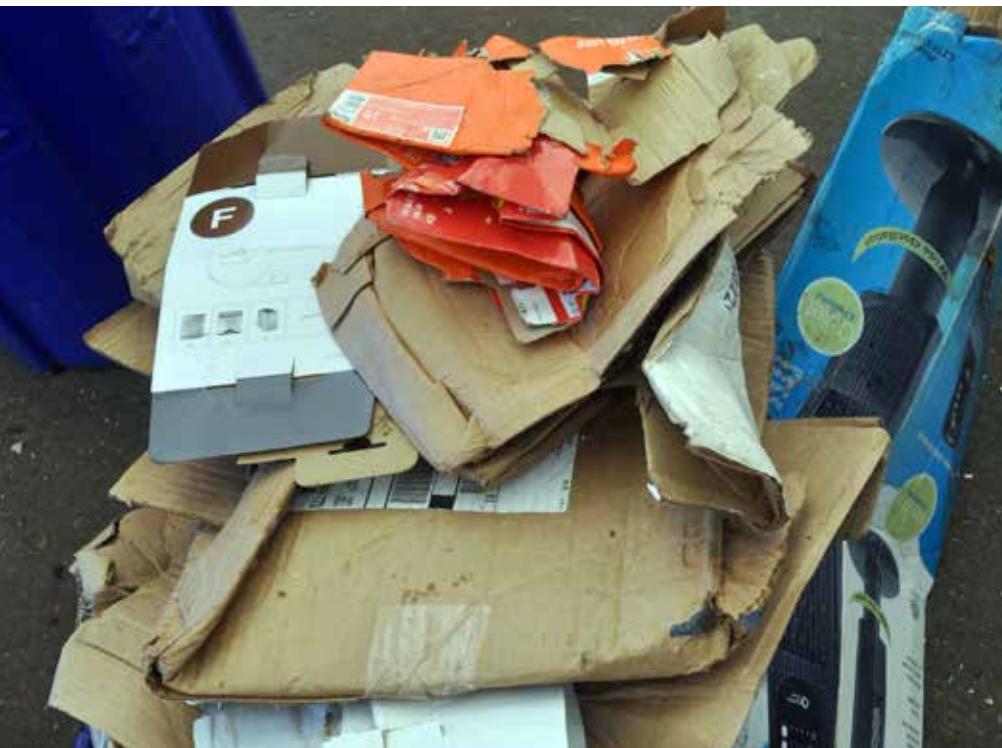
**Paper Recyclables and Contamination in Residential Curbside Paper Recycling Collections: 2005 vs. 2013 vs. 2017 vs. 2023**



**Contamination: Percentage of 2023 Residential Curbside Paper Recycling Collections**



Paper contamination in 2023 was comprised mostly of organic materials MGP, and film plastics.



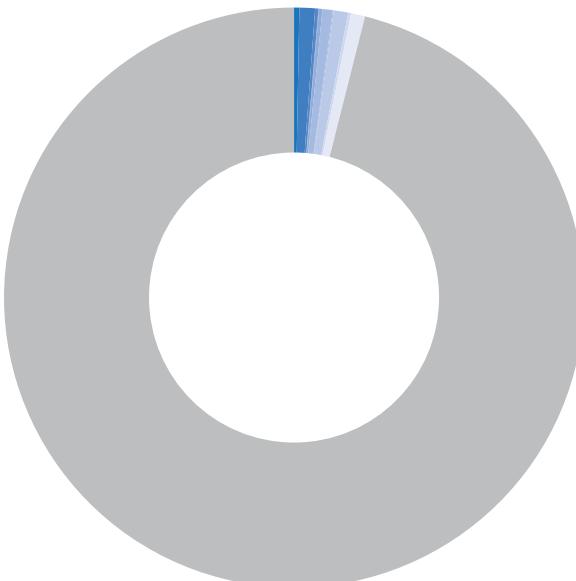


## Metal, Glass, Plastic

### Metal

In 2023, metal made up 3.9% of the waste stream.

#### *Metal in Residential Curbside Aggregate Discards: 2023*



	Percentage of Metal in Residential Aggregate Discards Over Time
2005	5.7%
2013	3.5%
2017	4.6%
2023	3.9%

#### **Percentage of Metal in Residential Aggregate Discards Over Time**

2005	5.7%
2013	3.5%
2017	4.6%
2023	3.9%

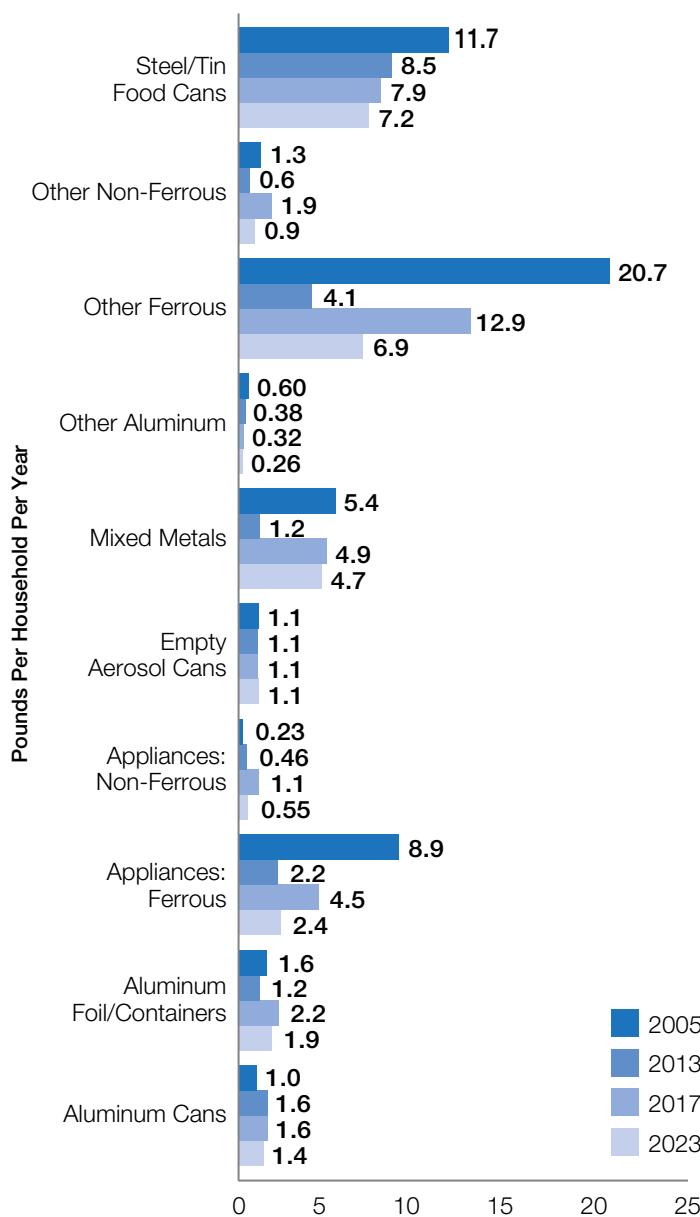
From 2017 to 2023, metal decreased from 4.6% of aggregate discards to 3.9% of aggregate discards.

Steel and tin cans are recycled less consistently than they were in 2017, with more of them ending up in the refuse stream than in the recycling stream. However, the generation of steel cans in the overall waste stream is declining.

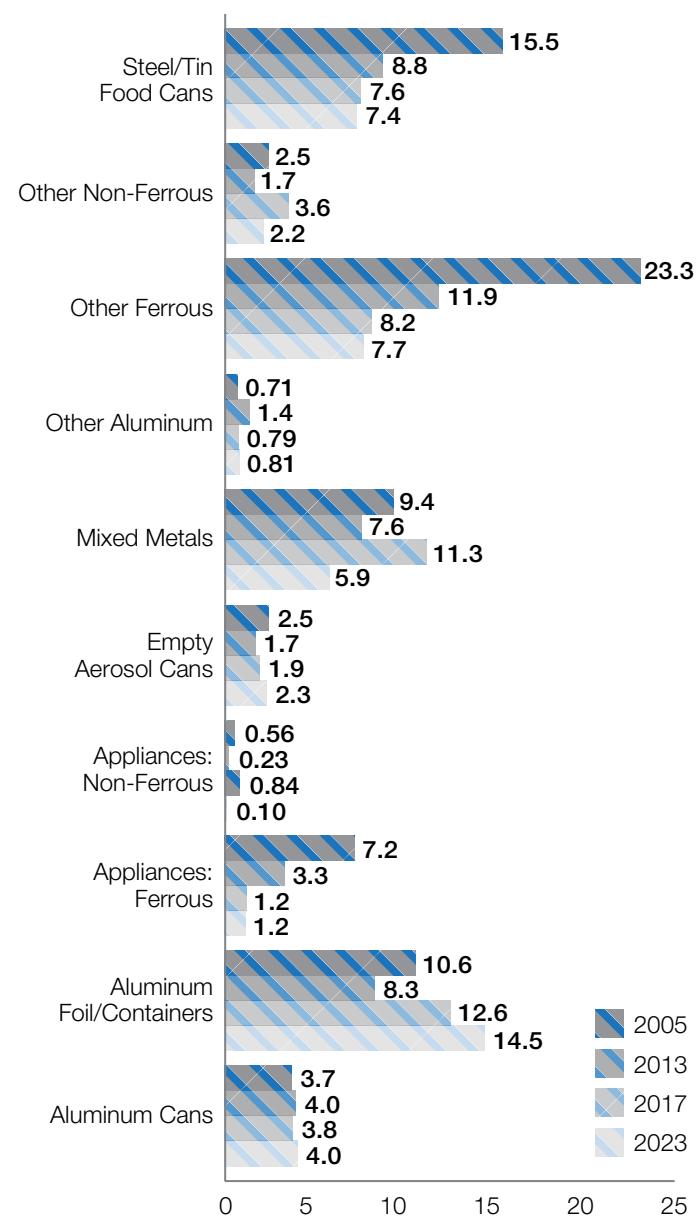
The quantity of all ferrous and non-ferrous materials has decreased or stayed approximately the same since 2017.

Aluminum foil/containers have decreased in the recycling stream but increased in refuse since 2017.

**Residential Curbside Metal Captured in Recycling:**  
2005 vs. 2013 vs. 2017 vs. 2023



**Residential Metal Disposed in Refuse:**  
2005 vs. 2013 vs. 2017 vs. 2023

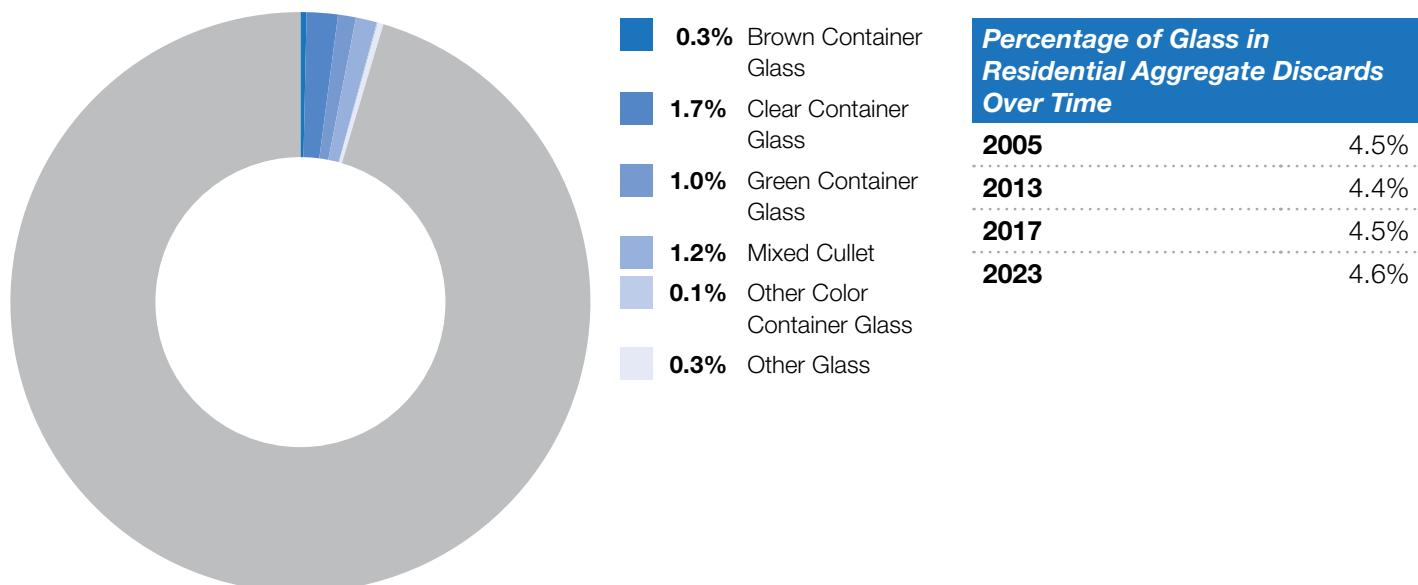




## Glass

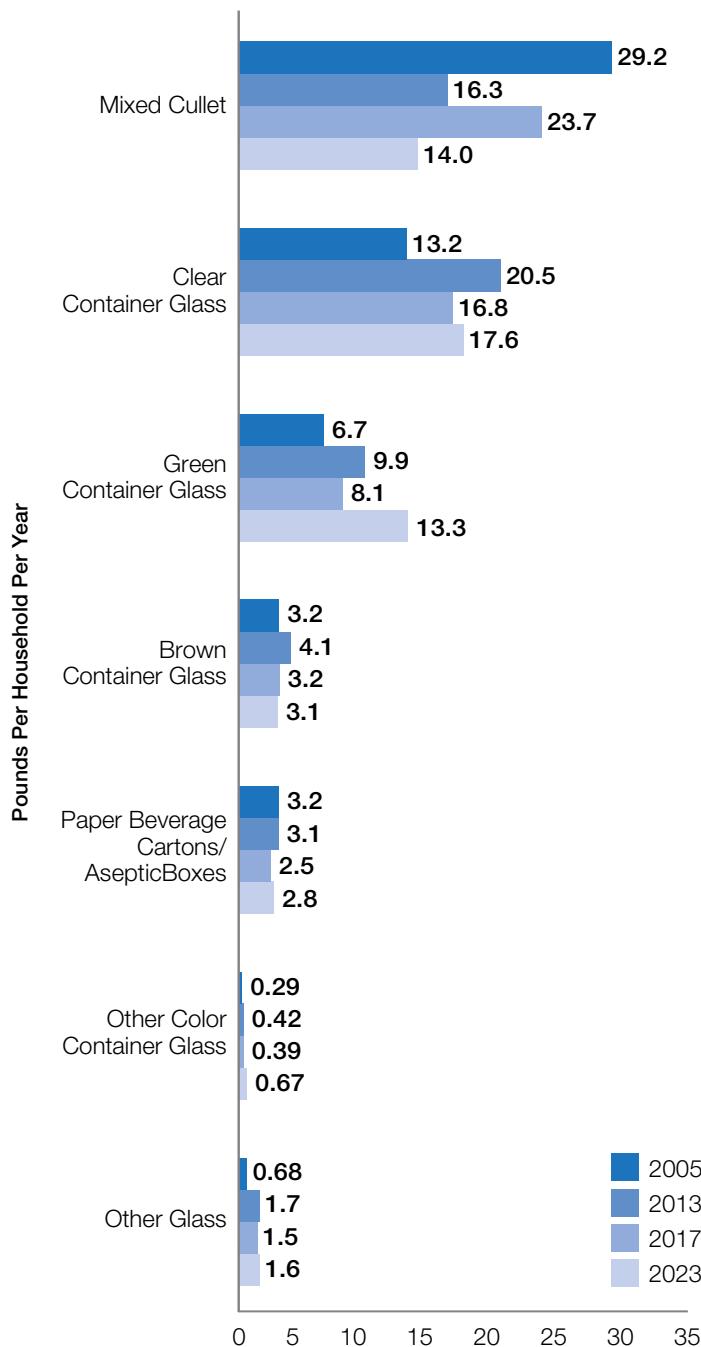
Glass makes up 4.6% of all aggregate discards, a number that has remained steady since 2005.

*Glass in Residential Curbside Aggregate Discards: 2023*

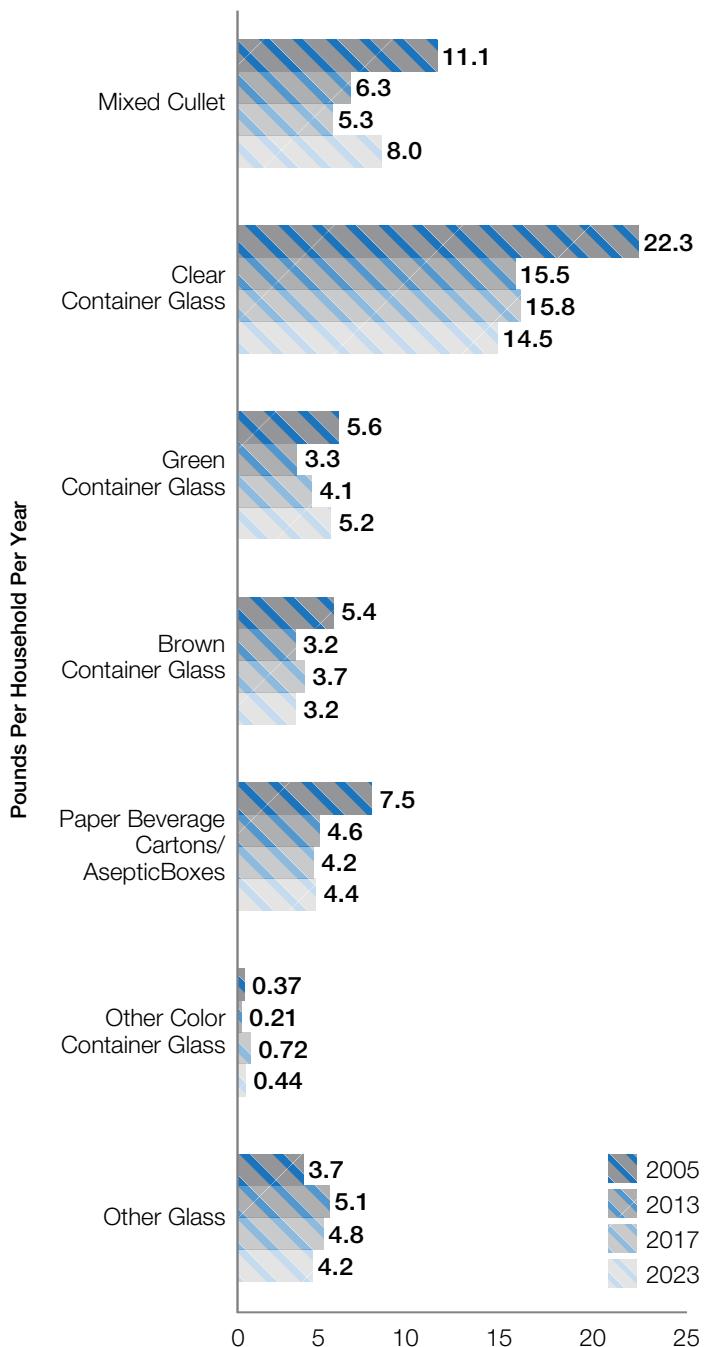


Glass is difficult to accurately characterize by type. Glass, when transported in DSNY collection trucks, has the tendency to break or shatter. Glass that may have been considered a certain category of glass container pre-transport would instead be considered mixed cullet during sorting. Mixed cullet is the glass category that represents broken glass containers of all colors.

**Residential Curbside Glass & Cartons Captured in Recycling: 2005 vs. 2013 vs. 2017 vs. 2023**



**Residential Curbside Glass & Cartons Disposed in Refuse: 2005 vs. 2013 vs. 2017 vs. 2023**

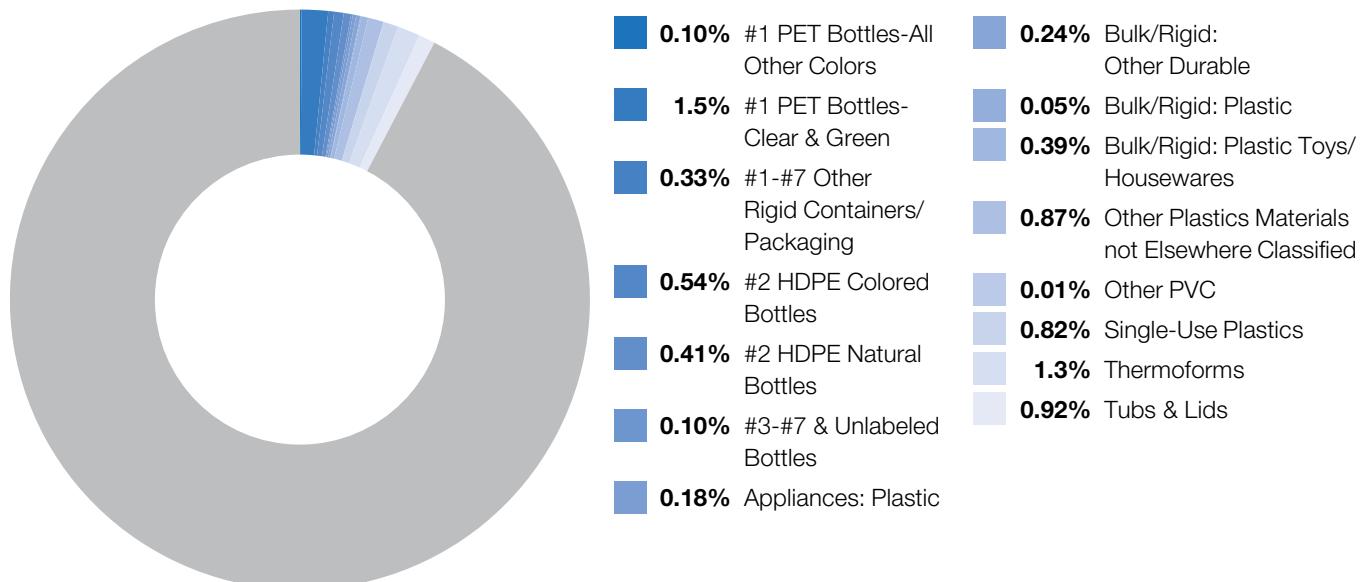




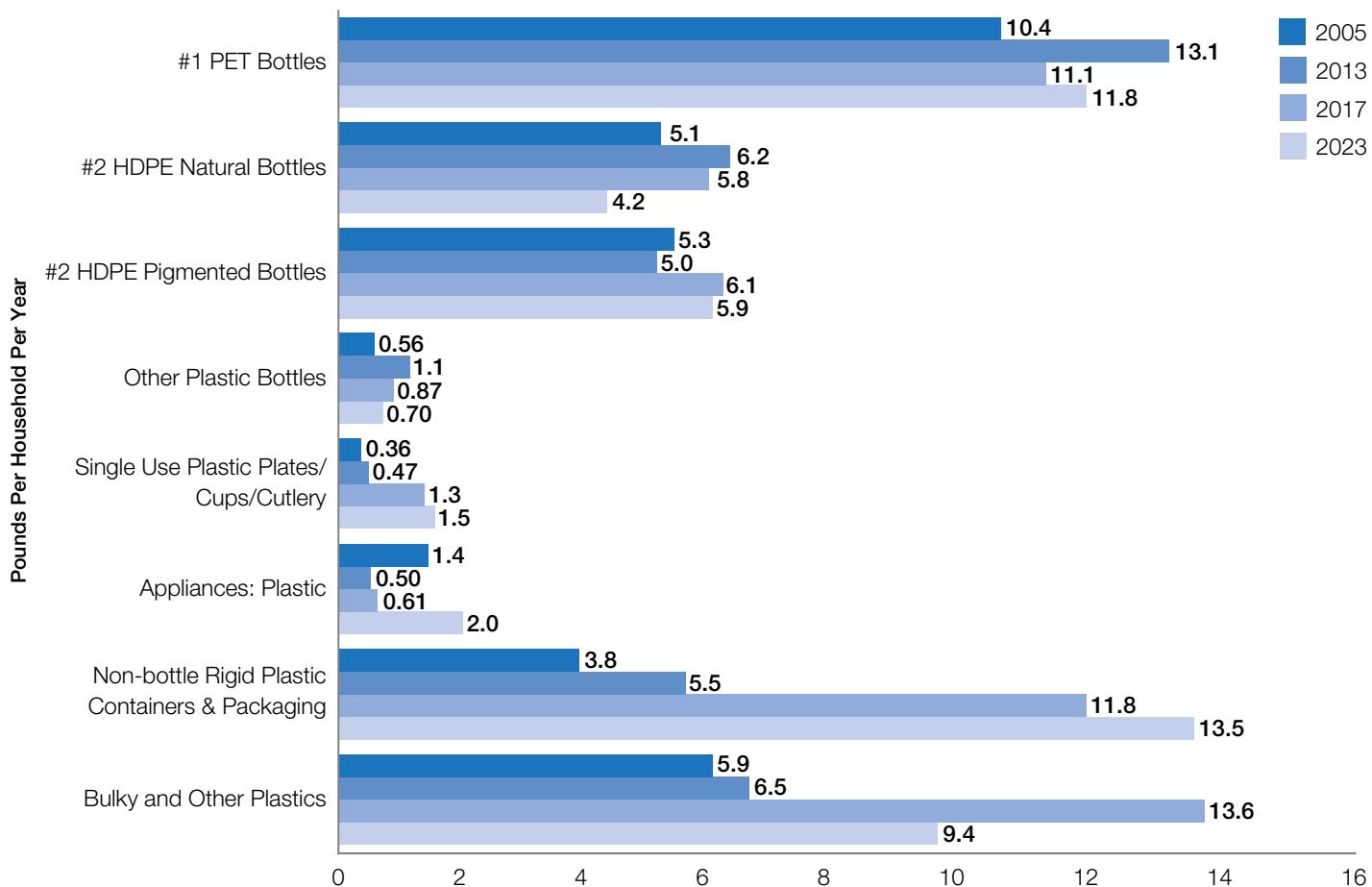
## Rigid Plastics

Plastic bottles and jugs have been designated as recyclable in NYC for all study years since 2005. Non-bottle rigid plastics were not measured as designated recyclables until the 2017 Study and were instead considered refuse prior to that study year. Film, flexible, and foam plastics are not considered recyclable in NYC and are described in a later section.

### Rigid Plastics in Residential Curbside Aggregate Discards: 2023



**Residential Curbside Rigid Plastics Captured in Recycling:**  
2005 vs. 2013 vs. 2017 vs. 2023

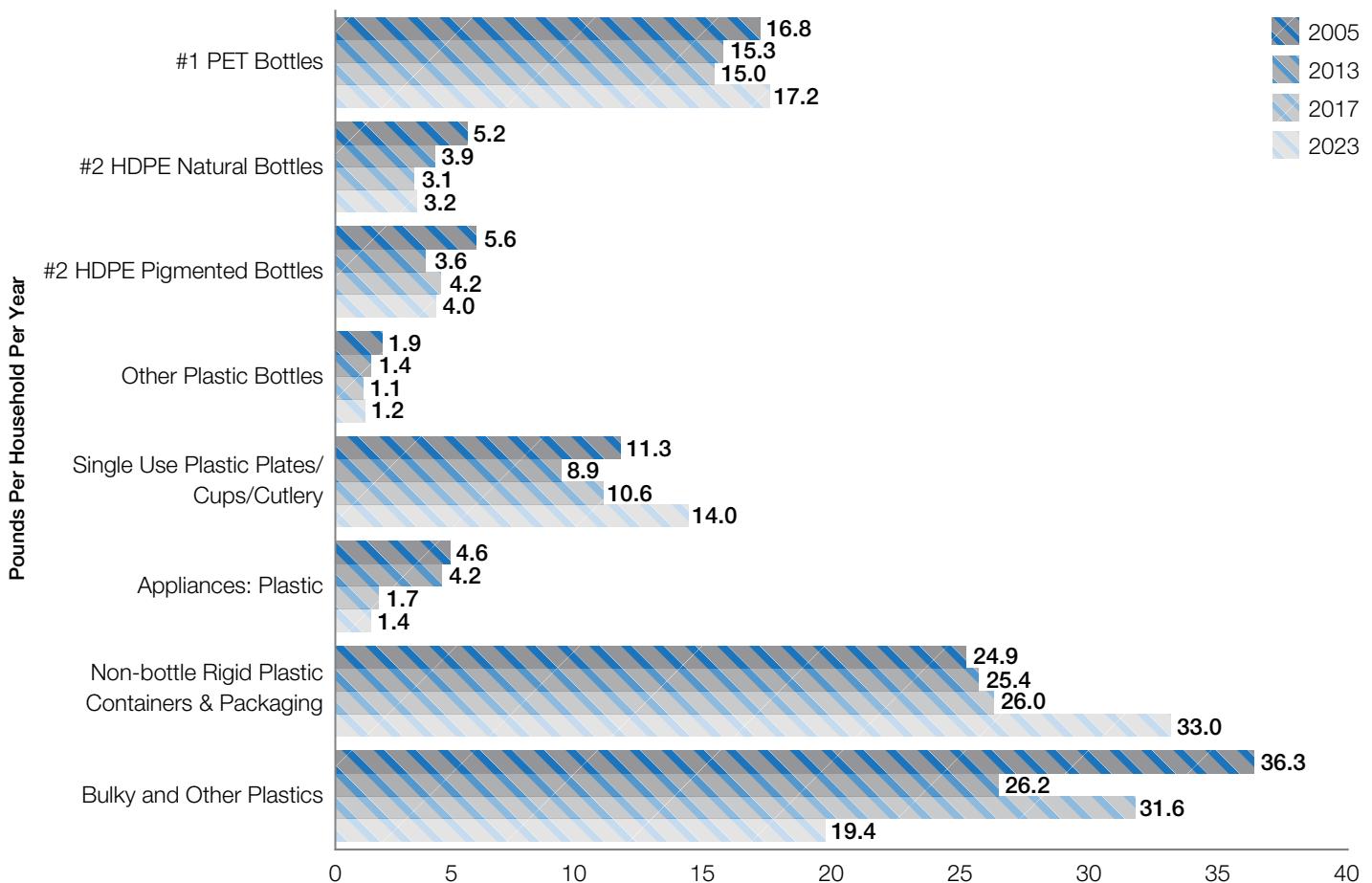


**Percentage of Rigid Plastic in  
Residential Aggregate Discards  
Over Time**

2005	6.2%
2013	6.4%
2017	7.4%
2023	7.7%

All rigid plastics as a percentage of aggregate discards has risen 0.3% since 2017.

**Residential Curbside Rigid Plastics Disposed in Refuse:**  
2005 vs. 2013 vs. 2017 vs. 2023



The quantity of all rigid plastics in MGP and refuse has remained approximately the same since 2017. From 2017 to 2023, rigid plastics in refuse slightly declined from 93.4 to 93.3 pounds per household per year.

Although the total remains approximately the same, individual material categories are different. The largest of these changes is the steep decline of Bulky and Other Plastics in both MGP and refuse. In refuse, especially, the decline was significant, from 31.6 pounds per household in 2017 to 19.4 in 2023. Items in this category include plastic crates, large plastic furniture or toys, and buckets, to name a few. The only other category which showed a decrease in generation rates in both refuse and MGP recycling was HDPE pigmented bottles.

There were several categories that showed increases in generation rate in both refuse and MGP: PET Bottles, Single-Use Plastic Plates/Cups/Cutlery, and Rigid Plastic Containers & Packaging. The most notable of the three was the relatively large increase in Rigid Plastic Containers & Packaging, increasing in refuse from 26.0 pounds per household in 2017 to 33.0 in 2023.

Another distinct change from 2017 was the increase in plastic appliances in MGP, increasing from 0.6 pounds per household to 2.0, more than three times the amount per household.

## MGP Contamination

Rates of contamination in 2023 are higher than in 2013, when all rigid plastics were not designated as recyclable. Despite designating more plastic categories as recyclable in 2023, the contamination rate in MGP recycling – including organic material, paper, and non-recyclable film plastic – has increased to 27.5% in 2023 from 18.7% in 2017.

### *Total Contamination in MGP Recycling Over Time*

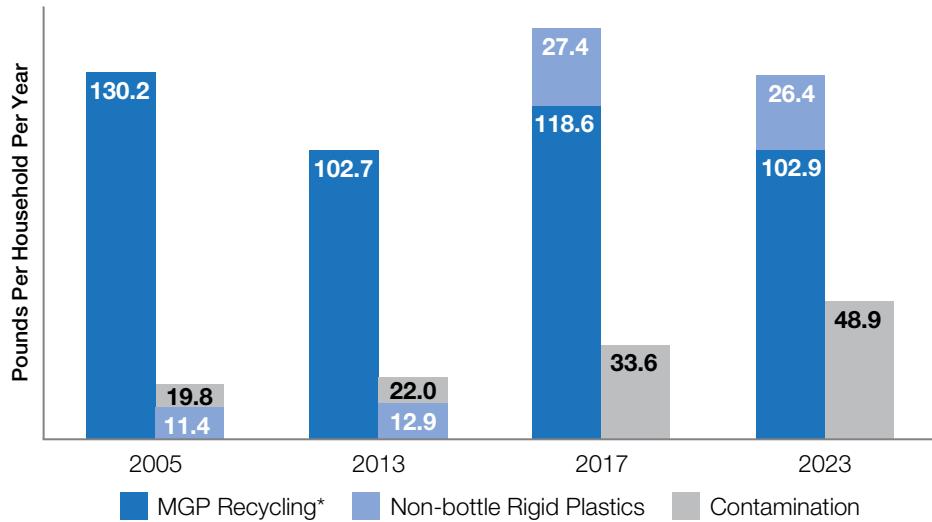
<b>Total Contamination in MGP</b>		<b>Total Contamination in MGP</b>			
		<b>2005</b>	<b>2013</b>	<b>2017</b>	<b>2023</b>
<b>2005</b>	19.3%				
<b>2013</b>	25.4%	Organics, Paper, EPS & film plastic	12.3%	16.0%	18.7%
<b>2017</b>	18.7%	Other rigid plastics	7.1%	9.4%	-
<b>2023</b>	27.5%	<b>Total</b>	<b>19.3%</b>	<b>25.4%</b>	<b>18.7%</b>
					<b>27.5%</b>

The amount of proper recyclable material generated in MGP excluding non-bottle rigid plastics has decreased since 2017. Non-bottle rigid plastics have remained constant.

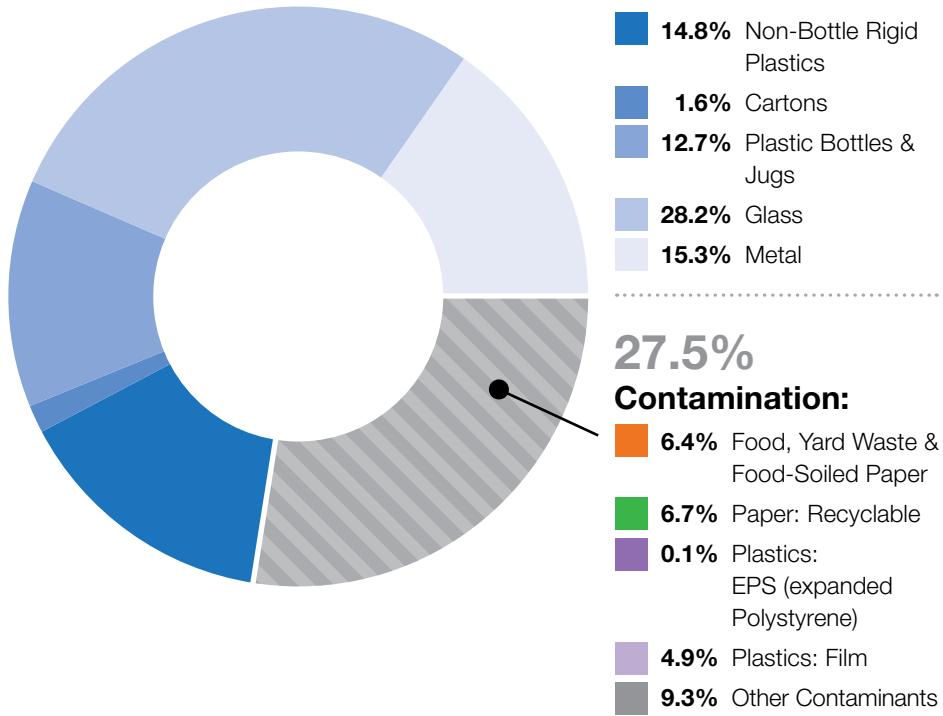


Non-recyclable contaminants in the MGP waste stream have increased from 33.6 to 48.9 pounds per household per year from 2017 to 2023.

***MGP Recyclables and Contamination in Residential MGP Recycling Collections: 2005 vs. 2013 vs. 2017 vs. 2023***



**Contamination: Percentage of 2023 Residential Curbside MGP Recycling Collections**



**Percentage of Contaminants in MGP Recycling**

<b>Other Contaminants Include</b>	
Miscellaneous Inorganics	0.91%
Fines	3.4%
Textiles	1.1%
E-Waste	1.1%
Other Nonrecyclable Paper	0.89%
Harmful Household Products	0.38%
Construction & Demolition	0.62%
Non-C&D Wood, Carpet/Upholstery, Misc. Organics	0.42%
Disposable Diapers/Sanitary Products/Animal By-Products	0.45%

More than a quarter of all material in MGP recycling is not recyclable material.



## Organics

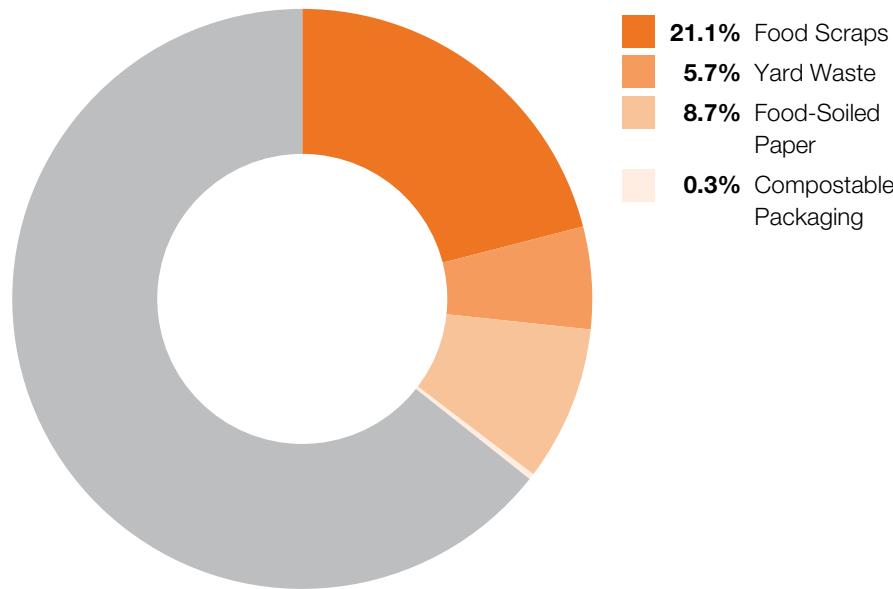
Organics that can be beneficially used make up the largest portion of NYC's waste stream. Food waste, yard waste, and food-soiled paper together make up more than one third of all NYC waste. Since 2005, the percentage of organic material in our waste has increased every study year. Diverting this material from landfills is necessary for NYC to achieve its diversion and climate goals.

Although a large quantity of organics is collected under various DSNY-managed collection methods, most organic material still ends up in refuse.

**The overall amount of organics in the residential waste stream has decreased. This includes both proper recycling and improper disposal in refuse.**

The 2023 Study collected organics samples only from Queens and a few legacy "opt-in" districts. The 2023 Study was completed during the initial rollout period of the Queens curbside organics collection program and prior to the start of curbside organics in 2023, and citywide service in fall of 2024 therefore, the organics measurements in the 2023 Study do not reflect the current state of organics in New York City at the point of this publication. Non-curbside organics collections (such as Food Scrap Drop-off Sites and Smart Composting Bins) were not sampled.

### **Citywide Annual Composition of Organics in Residential Aggregate Discards**

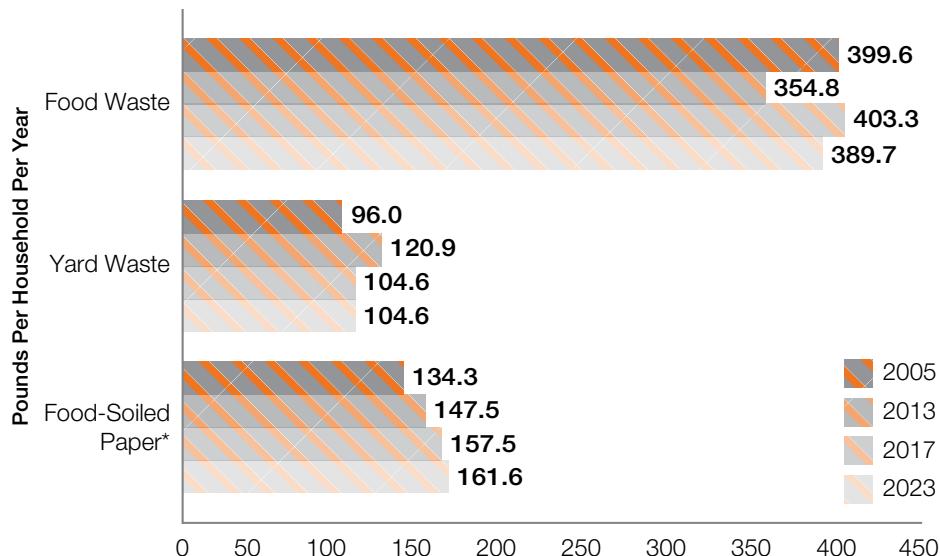


### **Percentage of Organics in Residential Aggregate Discards Over Time**

<b>2005</b>	28.0%
<b>2013</b>	31.5%
<b>2017</b>	34.4%
<b>2023</b>	35.8%

Although organics has increased as a percentage of all discards, it has decreased on a per household amount in refuse.

### **Organics Disposed in Residential Curbside Refuse: 2005 vs. 2013 vs. 2017 vs. 2023**



### **Organics in Residential Aggregate Discards Per Household Over Time, Lb/HH**

<b>2005</b>	638.2
<b>2013</b>	630.1
<b>2017</b>	683.2
<b>2023</b>	679.6

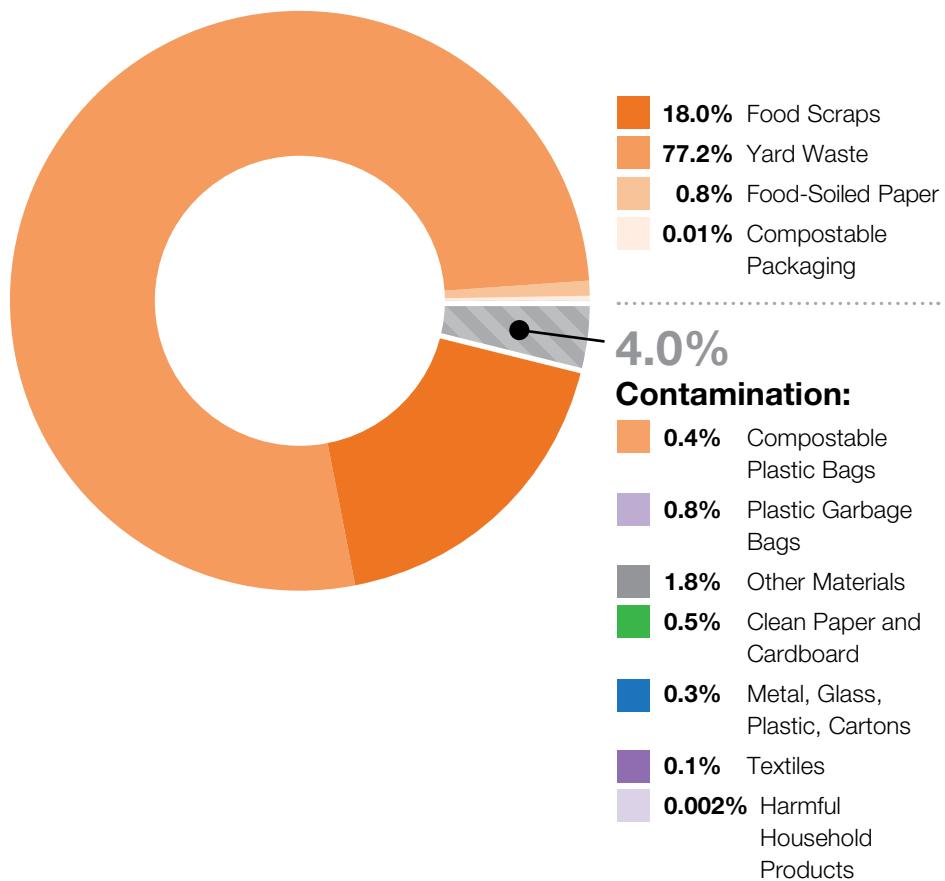
\* Measurements for compostable packaging were not conducted in prior studies, but are included in food-soiled paper for 2023.

In refuse, the amount of food waste has decreased per household since 2017, at just under 400 pounds per household per year in 2023. The generation of yard waste per household has remained the same since 2017. Food-soiled paper has steadily increased since 2005.

## Organics Contamination

Curbside organics collection has a contamination rate of 4%; significantly less than the MGP or Paper recycling streams. Most organic waste sampled during the study period was yard waste. This aligns with the fact that most samples were collected from Queens, where residential properties with outdoor space, including trees and gardens, are prevalent.

### *Citywide Annual Composition of Residential Curbside Organics and Contamination*

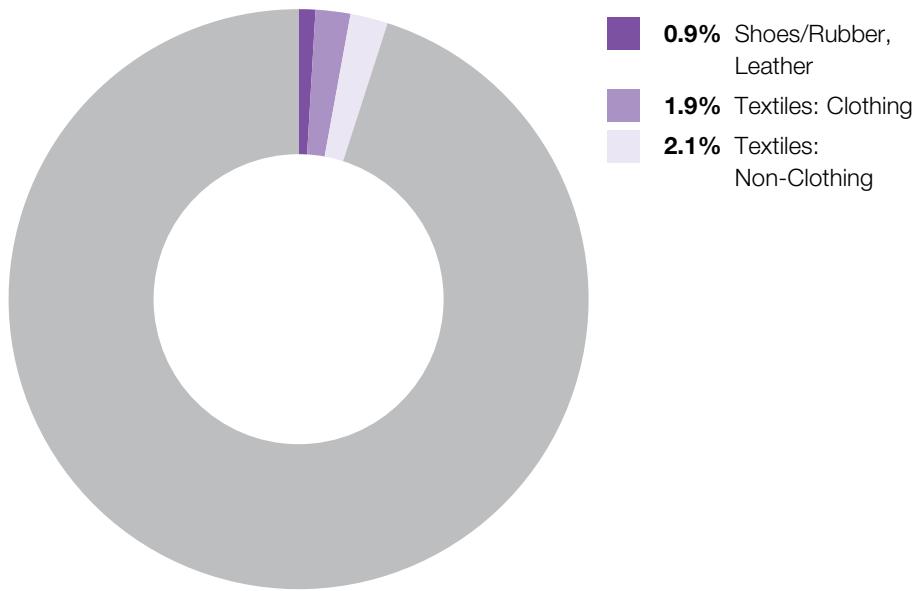


**Curbside organics collection has an impressively small contamination rate at 4.0%—significantly less than the MGP or Paper recycling streams.**

## Textiles

Textile materials such as clothing, linens, and shoes are a significant portion of waste. While it is currently legal to dispose of textiles in refuse, there are many preferred reuse and recycling options such as DSNY's refashionNYC and donateNYC programs. Additionally, a growing list of private retailers and clothing brands operate takeback or recycling programs.

### *Textiles in Residential Curbside Aggregate Discards: 2023*



The percentage of textiles in aggregate discards decreased to 5.0% in 2023 from 6.3% in 2017.

### *Percentage of Textiles in Residential Aggregate Discards Over Time*

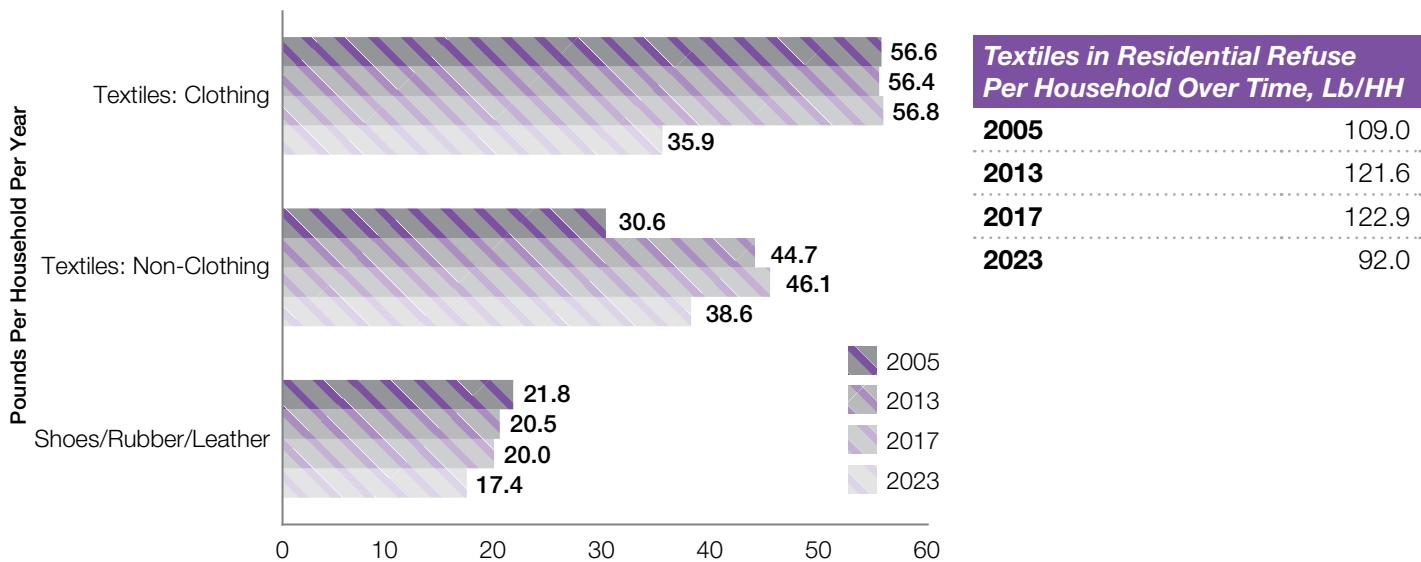
	2005	2013	2017	2023
Shoes/Rubber, Leather	1.0%	1.1%	1.1%	1.0%
Textiles: Clothing	2.5%	2.8%	2.9%	1.9%
Textiles: Non-Clothing	1.4%	2.2%	2.3%	2.1%
<b>Total</b>	<b>4.8%</b>	<b>6.2%</b>	<b>6.3%</b>	<b>5.0%</b>

\* Comparative totals may not match 2023 results due to comparative category aggregation across time and rounding.

The percentage of textiles in aggregate discards has decreased for all material categories from 2017 to 2023, with the largest decrease being from clothing.

Other textile categories have remained steady from 2017.

**Textiles Disposed in Residential Curbside Refuse:  
2005 vs. 2013 vs. 2017 vs. 2023**



In 2023, the average NYC household disposed of 92.0 pounds of textiles per year, the lowest weight observed yet in any NYC waste characterization study.

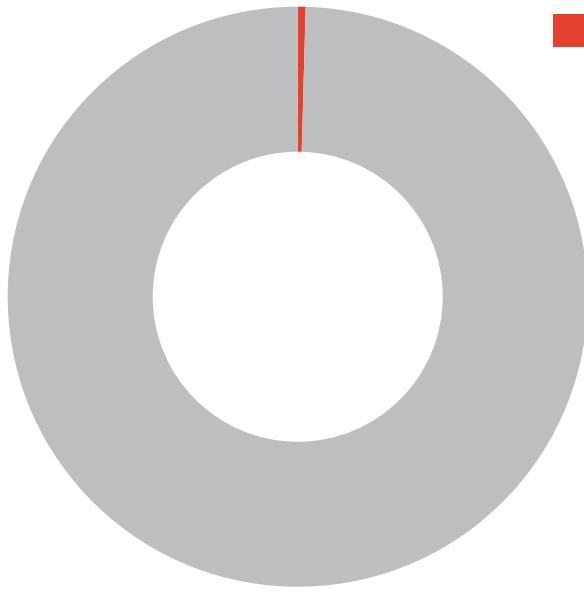
The average weight of all textile categories disposed per household per year decreased from 2017 to 2023. The largest decrease was in the weight of clothing disposed in refuse, which decreased to 35.9 pounds in 2023 from 56.8 pounds in 2017. 2023 was the first year that the pounds of clothing disposed had decreased.

## Harmful Household Products

Harmful household products represent a small fraction of the waste stream. They include medical products, paints, dry- and wet-cell batteries, pesticides, and other potentially harmful products. Although this material category makes up less than 0.5% of the waste stream by weight, harmful products have disproportionate environmental and health and human safety impacts when not properly disposed. Disposal requirements and options vary by product type, but DSNY accepts almost all harmful household products at SAFE Disposal Events and a subset of harmful waste at Special Waste Drop-Off sites.



#### Harmful Household Products in Residential Curbside Aggregate Discards: 2023



#### Percentage of Harmful Household Products in Residential Aggregate Discards Over Time

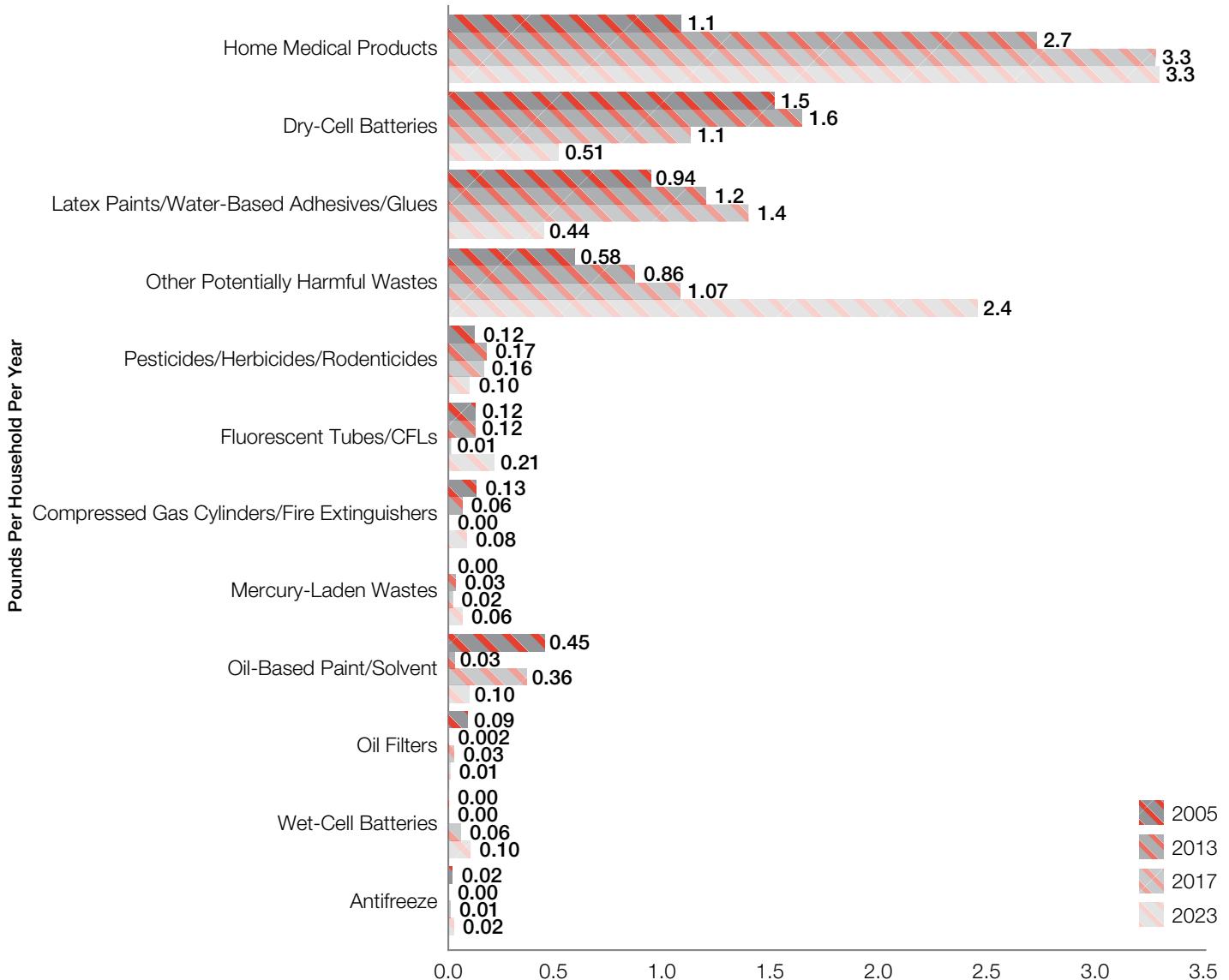
2005	0.25%
2013	0.39%
2017	0.43%
2023	0.44%

#### Harmful Household Products in Residential Refuse Per Household Over Time, Lb/HH

2005	5.0
2013	6.8
2017	7.5
2023	7.4

As a percentage of aggregate discards, harmful household products have remained steady since 2017. However, the weight of these products in the waste stream have increased since 2005.

**Harmful Household Products Disposed in Residential Curbside Refuse:  
2005 vs. 2013 vs. 2017 vs. 2023**



There are varying trends amongst the Harmful Household Waste material categories.

The weight of Dry-Cell Batteries in the waste stream continues to decline, with the weight generated in 2023 at almost half of that generated in 2017. Another noticeable change is the decrease in both oil-based and latex paints.

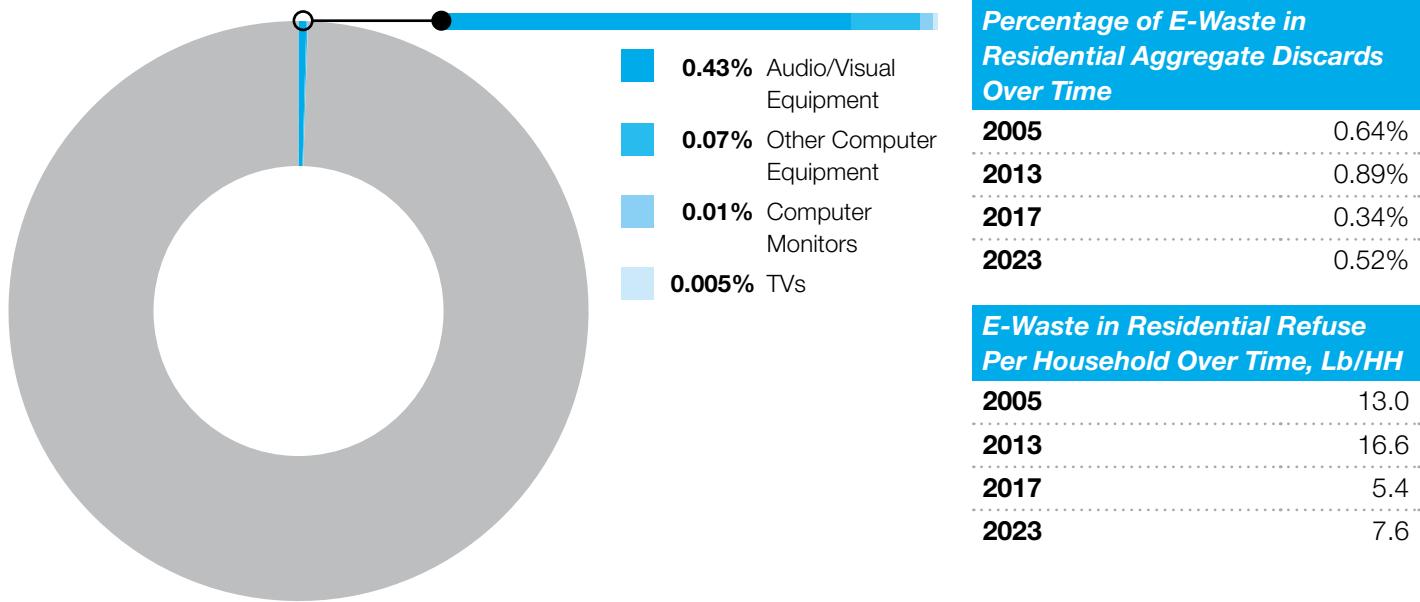
The steepest change from 2017 to 2023 was from “other potentially harmful wastes,” which more than doubled from 2017 to 2023. This category includes a large swath of harmful materials and is difficult to attribute to any one product.

## Electronic Waste

Electronic waste, otherwise known as “e-waste,” is a relatively small but important share of the waste stream. Many e-waste products – such as televisions, computers, tablets, printers, and peripheral equipment – can contain heavy metals or other harmful materials that can be detrimental to human health and safety and the environment if not properly managed.

As of 2015, the improper disposal of e-waste was banned by the New York State Electronic Equipment Recycling and Reuse Act. DSNY provided alternatives include SAFE Disposal Events and Special Waste Drop-Off Sites. Additionally, there are several organizations within NYC that offer e-waste recycling options, including retailer drop-offs and mail-backs.

### *E-Waste in Residential Aggregate Discards: 2023*

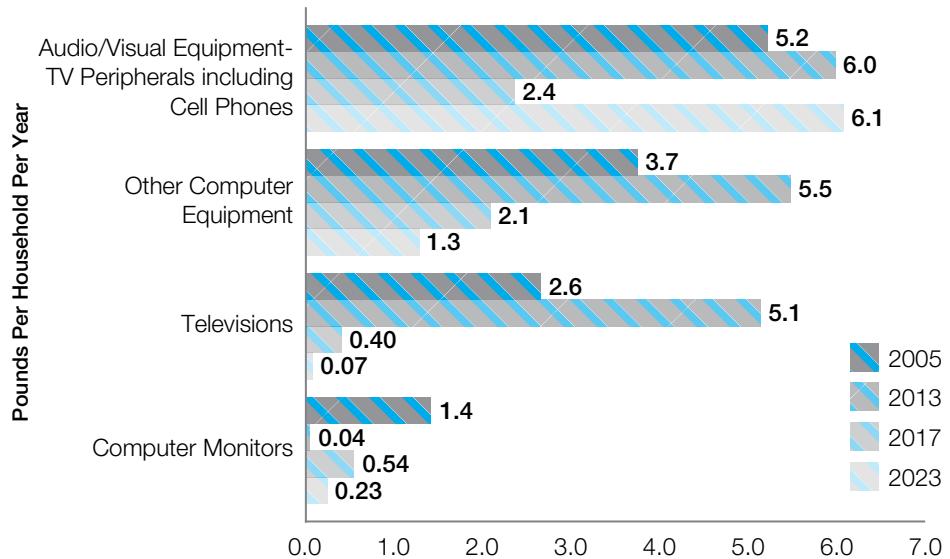


The average NYC household **disposes of 7.6 pounds of E-Waste per year, up from 5.4 in 2017.**

While effects of the e-waste disposal ban were clear in the 2017 study, despite the ban, the weight of e-waste generated per household has increased since 2017. As shown in the figure below, much of the increase stemmed from audio-visual equipment and TV peripherals.



**E-Waste Disposed in Residential Curbside Refuse:  
2005 vs. 2013 vs. 2017 vs. 2023**



Almost all e-waste categories have decreased since 2017; the large increase in e-waste overall has been driven exclusively by AV peripheral equipment including cell phones. These materials include VCRs, DVD players, cable boxes, game consoles, radios, stereos, and more. Televisions, computer monitors, and other computer equipment have all decreased in the waste stream.

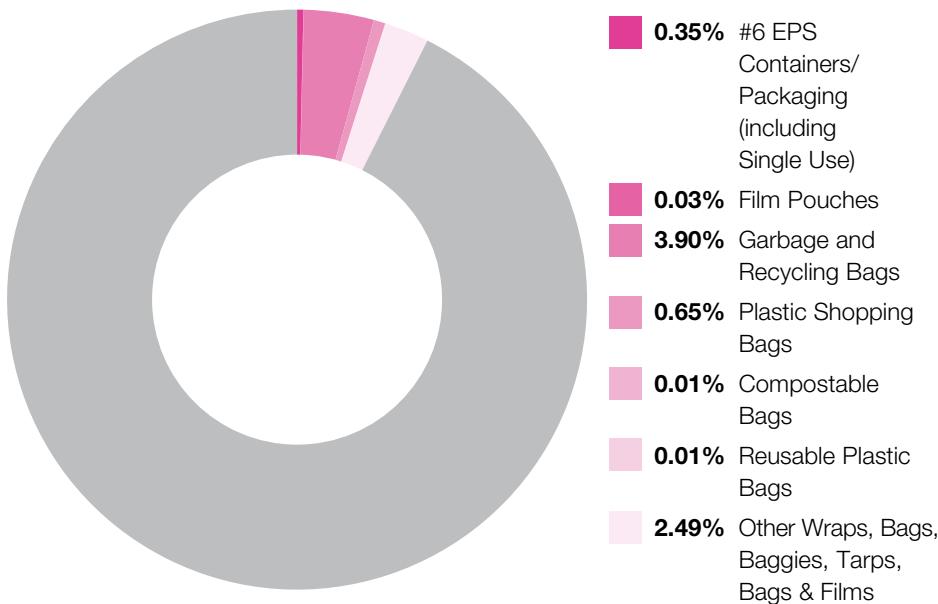


## Plastic Film and Foam

In 2023 plastic films and foam comprised 7.4% of the aggregate waste stream. The most prominent plastic film source is garbage and recycling bags, at about 4% of

aggregate discards. Garbage and recycling bags are an inevitable portion of aggregate discards as they are the primary means of handling and storing waste prior to collection.

### **Plastic Films and Foams in Residential Curbside Aggregate Discards: 2023**

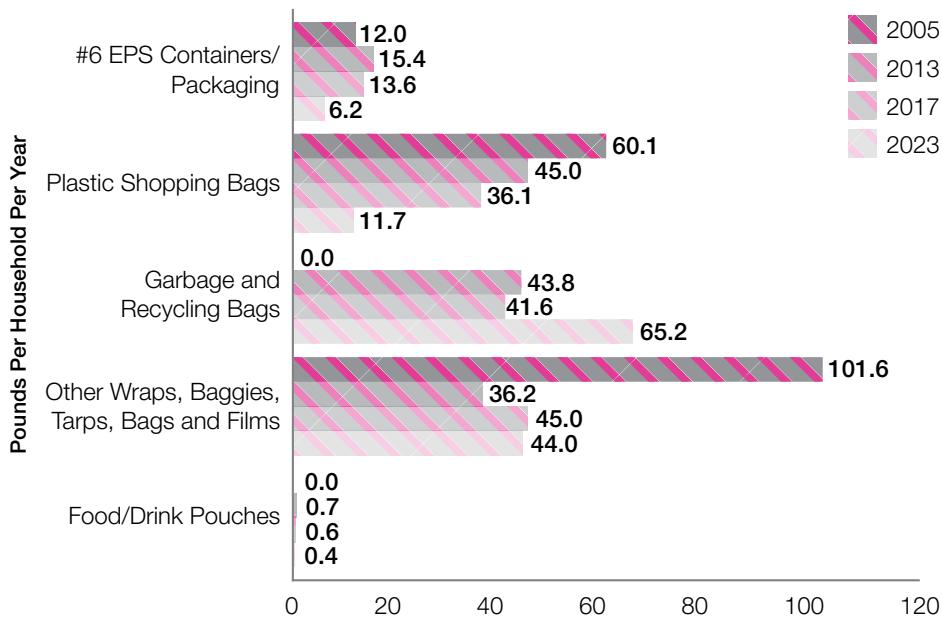


### **Percentage of Plastic Films and Foams in Residential Aggregate Discards Over Time**

2005	8.0%
2013	7.5%
2017	7.5%
2023	7.4%

The percentage of plastic films and foams has stayed approximately the same since 2013, hovering at about 7.5%.

**Plastic Films and Foams Disposed in Residential Curbside Refuse:  
2005 vs. 2013 vs. 2017 vs. 2023**



Note: In 2005, Food/Drink Pouches and Garbage and Recycling Bags were included with "Other Wraps, Baggies, Tarps, Bags, and Films."

Since the 2017 Study, #6 EPS containers (also known as "foam") and plastic shopping bags have been banned for sale or distribution under certain circumstances by NYC and NYS law. #6 EPS containers have decreased in refuse by more than 50% since 2017, from 13.6 to 6.2 pounds per household per year. Plastic shopping bags have decreased in refuse from 36.1 pounds per household in 2017 to 11.7 in 2023.

Garbage and recycling bags are the only film and foam category that has increased since 2017. Additional analysis on plastic bags and foam is included in the following "Subsort Analysis".

Food and drink pouches are a tiny, fractional portion of the waste stream that have decreased a small amount relative to their historical generation rate.

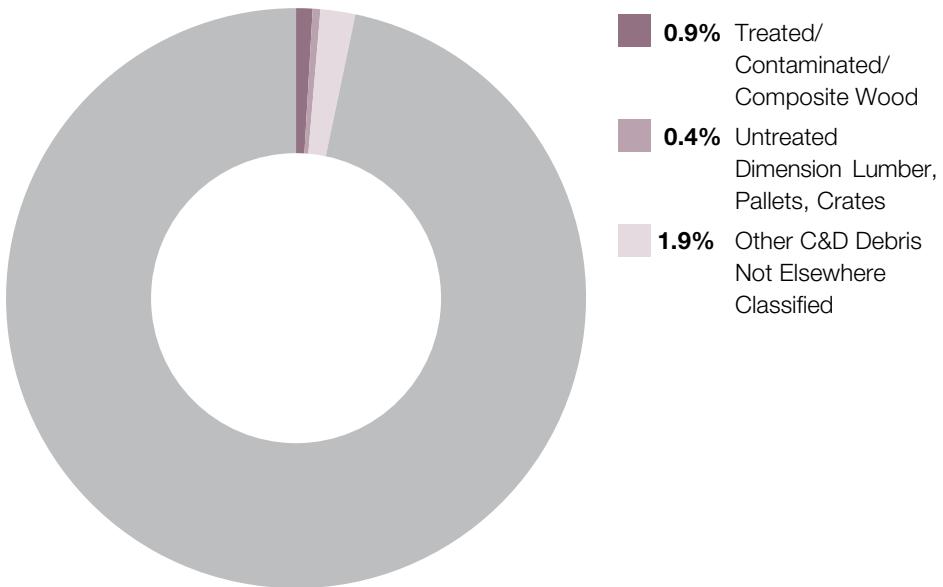


## Construction & Demolition Debris

Construction and demolition (C&D) debris from do-it-yourself residential projects can be legally disposed of as refuse in NYC. DSNY does not offer C&D debris recycling to residents. Any C&D debris generated by a commercial contractor requires private hauling arranged for by the contractor.

The percentage of C&D in aggregate discards has continued to decline over time, from 4.5% in 2017 to 3.3% in 2023.

### *Construction & Demolition Debris in Residential Curbside Aggregate Discards: 2023*



### **Percentage of Construction & Demolition Debris in Residential Aggregate Discards Over Time**

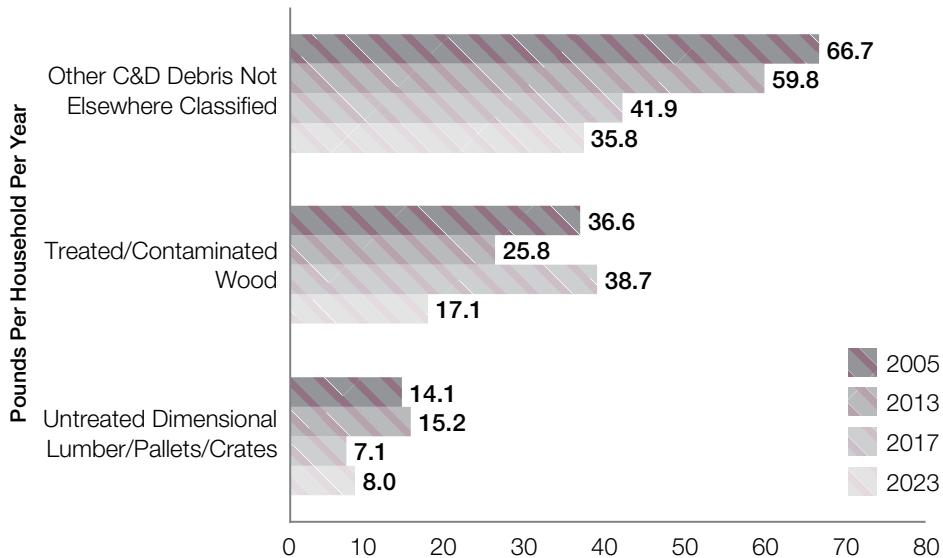
<b>2005</b>	5.2%
<b>2013</b>	5.1%
<b>2017</b>	4.5%
<b>2023</b>	3.3%

### **Construction & Demolition Debris in Residential Refuse Per Household Over Time, Lb/HH**

<b>2005</b>	117.3
<b>2013</b>	100.8
<b>2017</b>	87.7
<b>2023</b>	60.9

The weight of residential C&D being generated in the waste stream is the lowest since waste characterization studies began.

**Construction & Demolition Debris Disposed in Residential Curbside Refuse: 2005 vs. 2013 vs. 2017 vs. 2023**



**Two out of three of residential C&D debris groups have decreased since 2017. Treated/contaminated wood has decreased from about 39 pounds to 17 pounds per household, per year.**

This material category includes wood and lumber products that are mixed with other materials or chemically treated in such a way that the wood cannot be recycled, or the non-wood material removed.

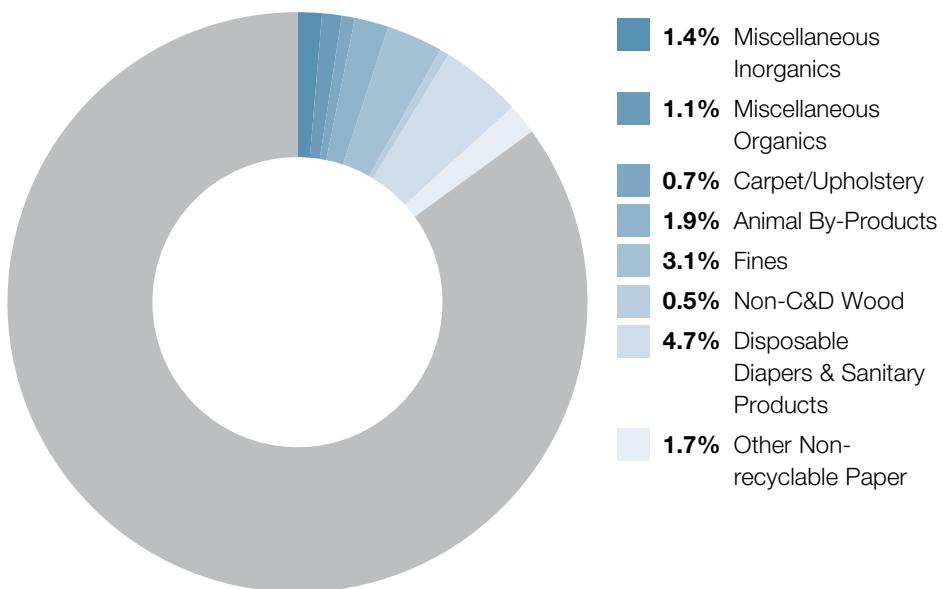
Other C&D debris includes materials such as gypsum drywall, fiberglass insulation, roofing, and bricks. These materials have decreased from 41.9 pounds to 35.8 pounds per household per year.

Untreated dimensional lumber/pallets/crates increased slightly from 2017 by 1 pound per household per year to 8.1 pounds in 2023.

## Other Materials

The “other” category includes materials that are not identifiable as a defined material category, and also includes materials such as carpet and upholstery, non-construction wood (such as furniture), diapers and sanitary products, and animal by-products. These materials are difficult or impossible to recycle, compost, or reuse. In New York City, these products currently have no scalable option for diversion.

### *“Other Materials” in Residential Curbside Aggregate Discards*



### *Percentage of “Other Materials” in Residential Aggregate Discards Over Time*

2005	13.4%
2013	15.4%
2017	12.6%
2023	15.1%

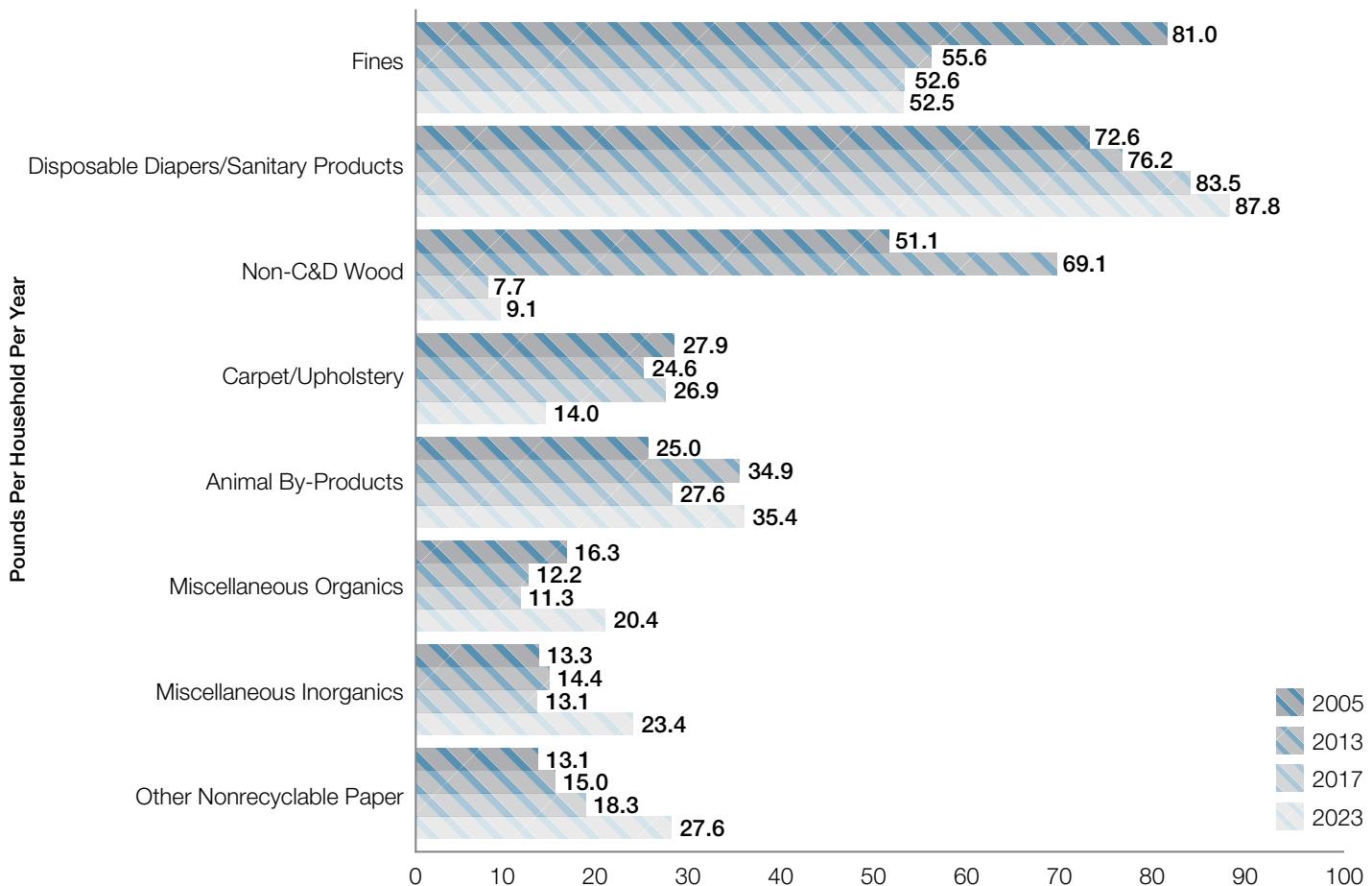
### *“Other Materials” in residential refuse per household over time, Lb/HH*

2005	300.3
2013	301.9
2017	241.1
2023	270.3

Both as a percentage of aggregate discards and on a per household generation rate, non-recyclable “Other Materials” have increased since 2017.



***“Other Materials” Disposed in Residential Curbside Refuse:  
2005 vs. 2013 vs. 2017 vs. 2023***



Overall, households are disposing more “Other Materials” per year in 2023 compared to 2017. However, the decreases and increases by individual material categories within this group vary widely.

One of the starker decreases since 2013 has been the household generation rate of non-C&D wood. This material category is mostly wooden furniture.

Despite a small uptick in generation between 2017 and 2023, the current waste generation remains low.

The amount of carpet and upholstery material significantly decreased from 26.9 pounds in 2017 to 14 pounds in 2023 – a 48% decrease.

Other material categories within this group have increased. Following trends dating back to 2005, disposable diapers and sanitary products continue to increase, slightly, every year. Animal by-products, miscellaneous organics and inorganics, and other nonrecyclable paper have also increased since 2017.

## Conclusions on Residential Waste

The 2023 Study contains several insights that demonstrate the effectiveness of current waste management strategies, highlight areas in need of improvement, and identify potential opportunities for innovation.

The 2023 Study found that 36% of the waste stream is organic material. In February 2023, DSNY announced that it will provide universal curbside collection of organics to all New Yorkers by fall 2024. At the point of this publication's release, all of Queens and Brooklyn receive curbside collection, with the remaining boroughs on schedule to receive curbside collection this year. Additionally, DSNY has installed and provides daily service to nearly 400 Smart Composting Bins (organics drop-off bins) across all five boroughs.

An analysis of the waste stream can demonstrate the impact of previous policy and programmatic interventions. Bans on the sale and distribution of both foam products and plastic shopping bags since the 2017 Study have led to a substantive decrease of these materials in the waste stream. This emphasizes the importance of proactive measures in waste management and underscores the potential impact of targeted legislation on reducing specific types of waste.

In addition to programmatic and policy insights, the study also revealed the impact of factors beyond the control of DSNY, such as consumer behavior, product design, and other market forces. Understanding these influences is crucial for developing comprehensive waste management strategies that address the complex dynamics of the waste stream while promoting a sustainable, adaptable, and resilient waste management system.



## VII. Housing Density and Income Strata

The effects of density and income on the waste stream have not been studied by DSNY since 2005.

Since then, New York City has changed drastically. To update the understandings from 2005 and implement appropriately targeted policies, programs, and outreach, DSNY sought to emulate the methods used in 2005 and develop a contemporary dataset for residential waste in NYC.

Density and income have profound effects on the waste stream, with low-density housing being the strongest indicator of waste generation. Income most deeply effects recycling outcomes.

For supplemental measurements by density-income strata for all material categories, additional data is available at [nyc.gov/wastestudy](http://nyc.gov/wastestudy).

*Note: Comparisons to the 2005 Study were not made due to different methodologies for classifying density and income.*

## Waste Generation by Density-Income Strata

Comparing aggregate percentages of waste across density-income stratifications paints a distinct picture of the effects of these variables on the waste stream.

Density has the clearest effect on waste generation: as the density of housing increases, waste generation per household decreases.

The relationship between income and waste generation is less evident, especially in medium and high-density housing. In areas of low-density housing, there is a direct relationship: as income increases, so does the amount of waste generated.

High-density, high-income districts are those that generate the least amount of waste per household. Low-density, high-income districts are those that generate the most amount of waste per household.

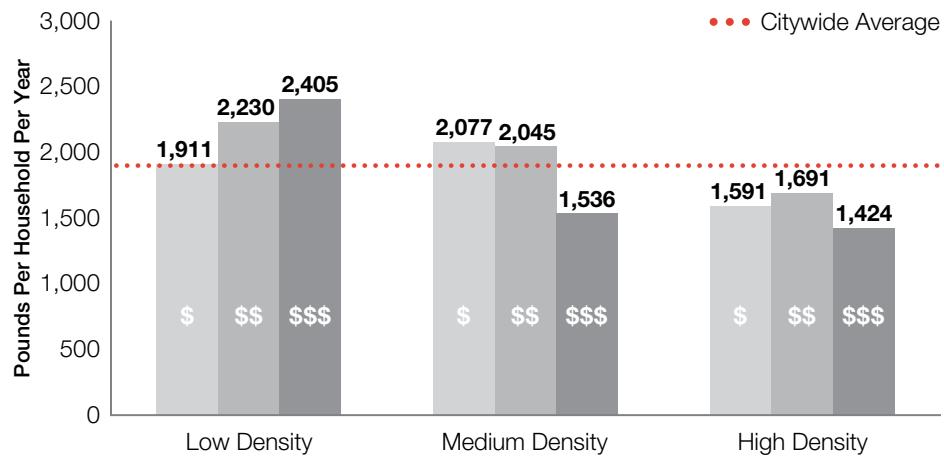
**Relative Share of Aggregate Discards by Material Category Across Seasons**

	Citywide	HDHI	HDMI	HDLI	MDHI	MDMI	MDLI	LDHI	LDMI	LDLI
<b>Residential Curbside Recyclables</b>	<b>32.5%</b>	<b>40.7%</b>	<b>33.4%</b>	<b>31.8%</b>	<b>35.4%</b>	<b>31.8%</b>	<b>30.3%</b>	<b>30.8%</b>	<b>30.3%</b>	<b>30.0%</b>
Clean Paper and Cardboard	15.8%	22.5%	15.9%	14.6%	17.9%	15.4%	13.7%	15.2%	14.3%	12.9%
Metal, Glass, Plastic, and Cartons	16.6%	18.3%	17.4%	17.2%	17.5%	16.4%	16.6%	15.6%	16.0%	17.1%
<b>Organics Suitable for Composting</b>	<b>35.8%</b>	<b>29.7%</b>	<b>34.5%</b>	<b>34.5%</b>	<b>34.2%</b>	<b>36.9%</b>	<b>37.2%</b>	<b>38.0%</b>	<b>37.3%</b>	<b>37.3%</b>
Food Scraps	21.1%	16.8%	24.7%	23.0%	19.7%	22.8%	24.0%	17.6%	21.4%	23.5%
Compostable Packaging & Food-Soiled Paper	9.0%	10.7%	8.3%	9.1%	9.0%	9.2%	8.7%	8.3%	8.6%	8.6%
Yard Waste	5.7%	2.2%	1.5%	2.4%	5.5%	4.9%	4.5%	12.0%	7.4%	5.1%
<b>Other Divertable Materials</b>	<b>6.6%</b>	<b>6.1%</b>	<b>6.9%</b>	<b>7.7%</b>	<b>5.4%</b>	<b>6.4%</b>	<b>6.7%</b>	<b>6.1%</b>	<b>6.7%</b>	<b>7.8%</b>
E-Waste	0.52%	0.45%	0.38%	0.73%	0.20%	0.48%	0.33%	0.68%	0.62%	0.40%
Harmful Household Products	0.44%	0.68%	0.39%	0.28%	0.46%	0.42%	0.29%	0.44%	0.46%	0.46%
Textiles	5.0%	4.5%	5.4%	5.8%	4.2%	4.7%	5.2%	4.5%	5.0%	6.3%
Plastic Shopping Bags	0.65%	0.47%	0.76%	0.84%	0.54%	0.79%	0.83%	0.39%	0.63%	0.70%
<b>Other</b>	<b>25.2%</b>	<b>23.4%</b>	<b>25.2%</b>	<b>26.1%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>25.8%</b>	<b>25.2%</b>	<b>25.6%</b>	<b>25.0%</b>
Construction, Demolition	3.3%	2.0%	2.8%	2.8%	2.0%	2.5%	3.6%	4.6%	4.2%	3.8%
Other Materials	21.9%	21.5%	22.5%	23.3%	23.0%	22.5%	22.3%	20.6%	21.4%	21.1%

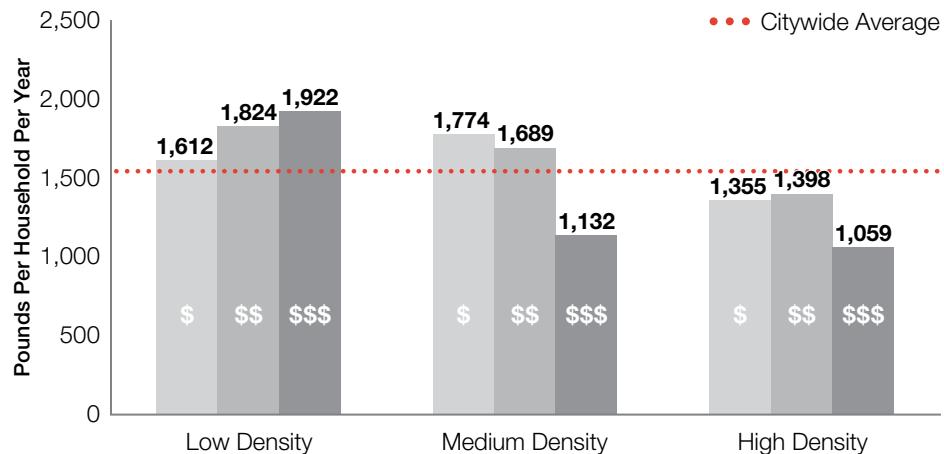
For all density and income bar charts in this section, the following key can be used for incomes:

\$ = low income    \$\$ = medium income    \$\$\$ = high income

**Aggregate Waste Generated Per Household, Per Year, by Density-Income Strata**



**Refuse Generated Per Household, Per Year, by Density-Income Strata**



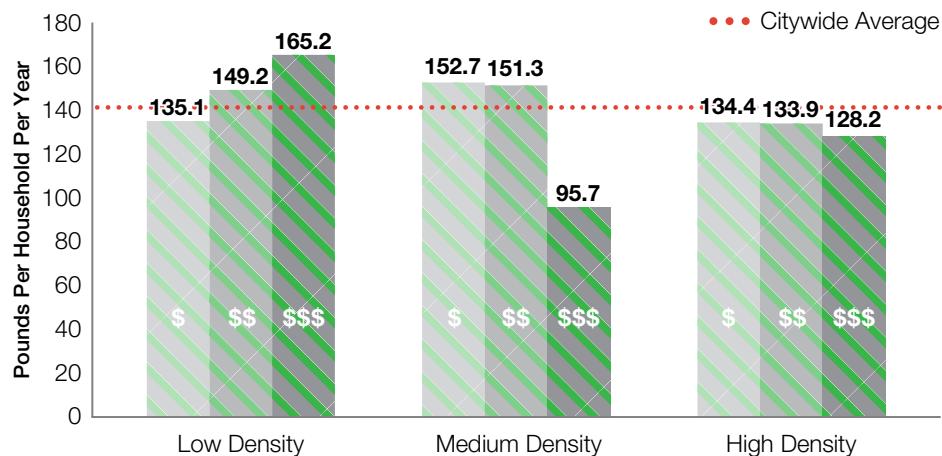
The effects of density and income on refuse follow the same trends as they do on aggregate waste.

The recycling generation rate is affected by both the density and the income of a district. As income increases, the generation of both paper and MGP increases. For density, only MGP is significantly affected. As density increases, the amount of MGP generated per household decreases. Paper, irrespective of income, remains relatively flat across densities.

**Paper Captured in Recycling Per Household, Per Year,  
by Density-Income Strata**

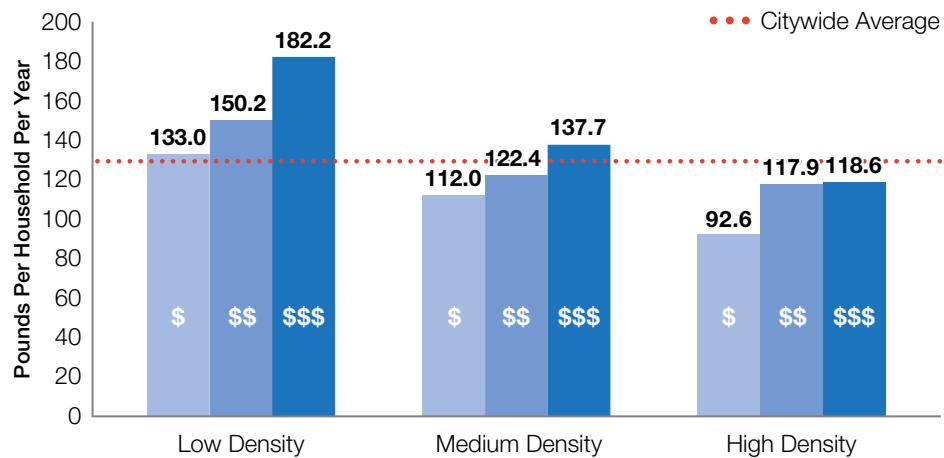


**Recyclable Paper Disposed of Per Household, Per Year,  
by Density-Income Strata**

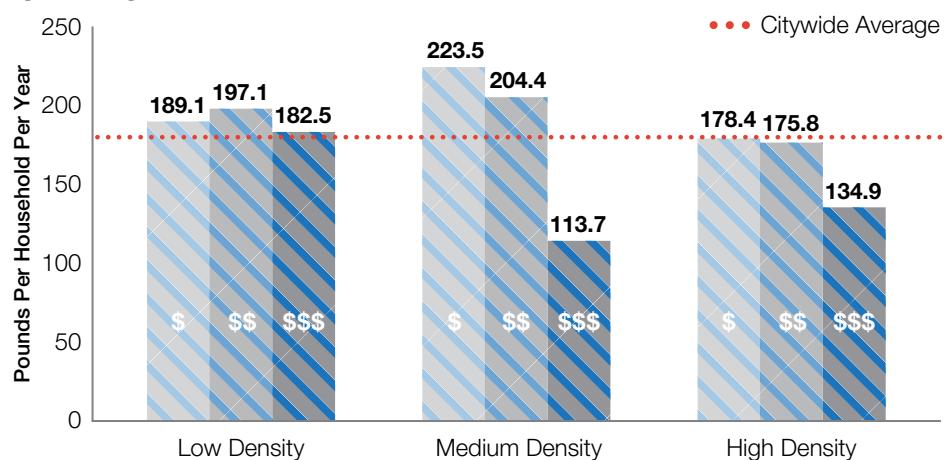


For paper generated within the refuse stream, there is no clear relationship between density and paper generation rate when controlling for income. Income and its relation to paper generated in refuse is more nuanced; across densities, different relationships exist. Within high-density districts, income bears no impact. Within medium-density districts, high-income households generate significantly less paper in refuse than medium and low-income households. In low-density districts, the relationship is positively correlated: as income increases, so does the generation of paper within refuse.

***MGP Captured in Recycling Per Household, Per Year,  
by Density-Income Strata***



***Recyclable MGP Disposed of Per Household, Per Year,  
by Density-Income Strata***

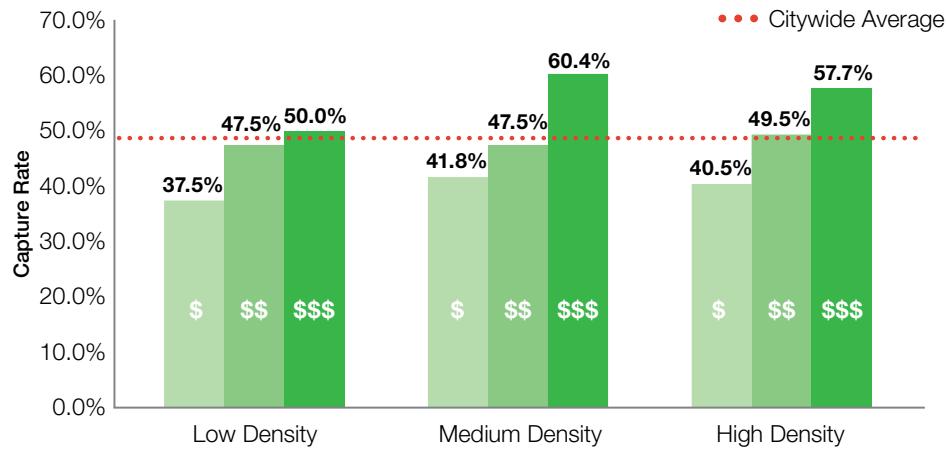


For areas with medium and high-density housing, as income increases, the generation of MGP in refuse decreases. In areas with low-density housing, income appears to have very little effect.

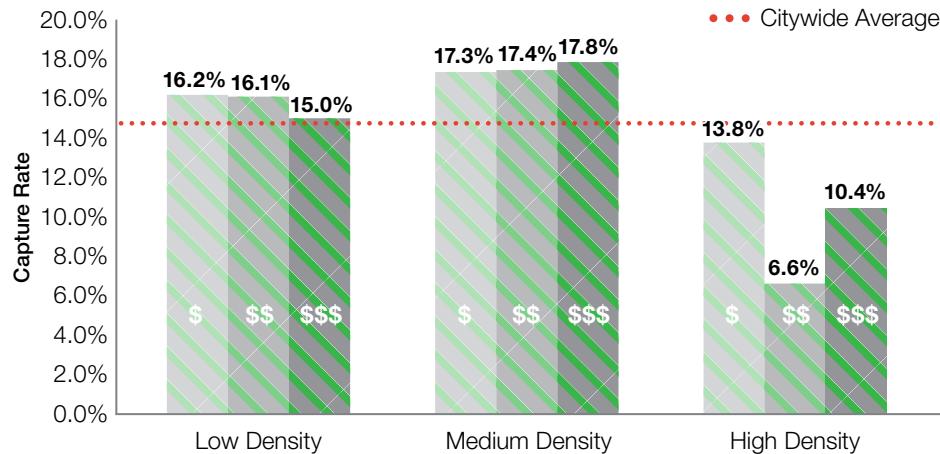
In relation to density, there is no clear trend on the generation of MGP in refuse.

Except for medium-density/high-income districts, all strata improperly dispose of MGP recyclables more often than recycling them.

### Paper Capture Rates by Density-Income Strata



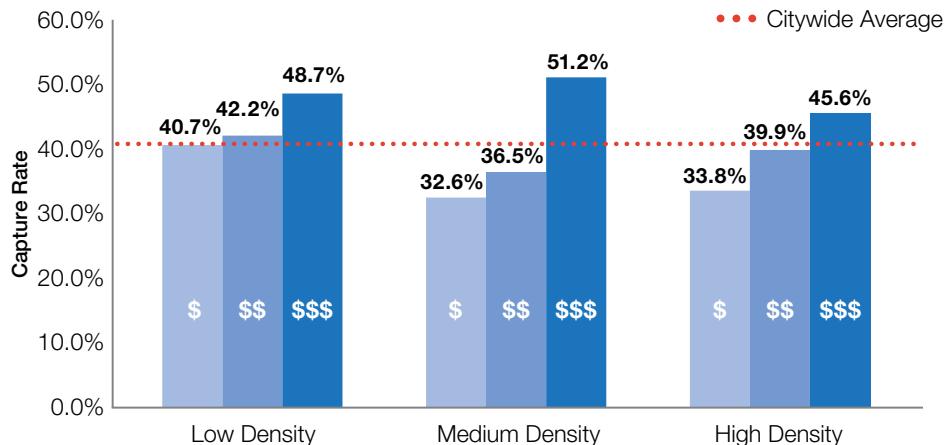
### Paper Contamination Rates by Density-Income Strata



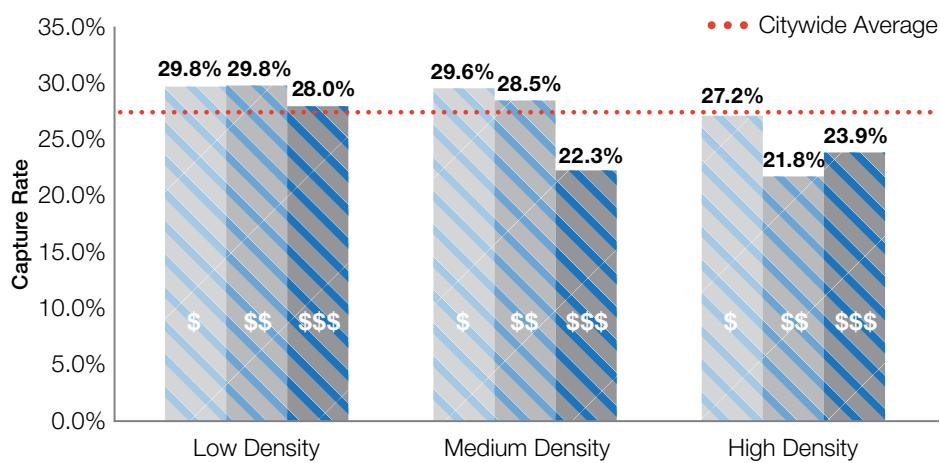
As income increases, so does the paper capture rate. There is strong potential to increase capture, as observed when comparing the two charts above.

High-density housing areas have a notably lower contamination rate than medium-density and low-density areas.

### MGP Capture Rates by Density-Income Strata



### Figure 5.X MGP Contamination Rates by Density-Income Strata



Similar to paper capture rates, the relationship between income and MGP capture rate is positively correlated: as income increases, so does the MGP capture rate. There is no clear relationship between MGP capture rates and housing density.

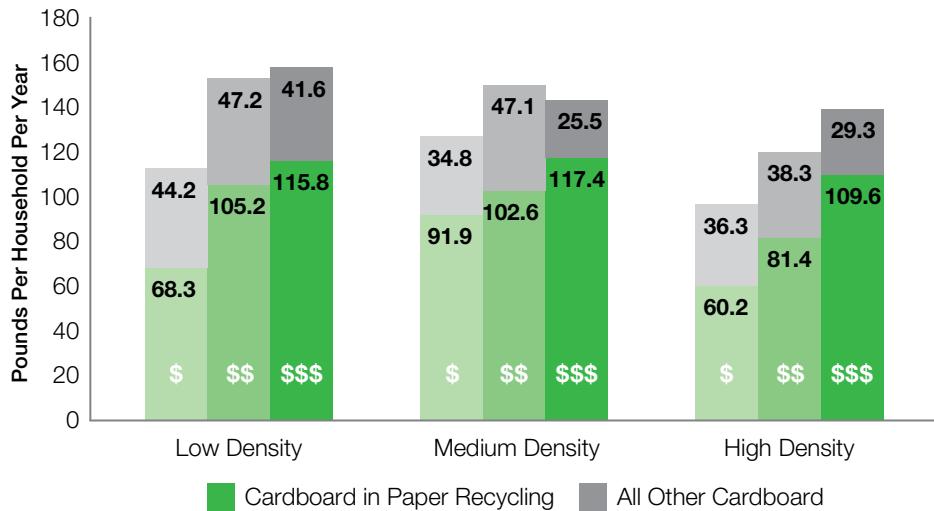
High-density housing generally has lower MGP contamination rates compared to low or medium-density housing. The effects of income are not as direct across all densities.

## Material and Group-Specific Effects of Density-Income Strata

Results highlighted below are those in which strong correlative relationships were found between material groups or categories and density, income, or both.

Cardboard in recycling has a direct relationship with income: as incomes increases, the amount of cardboard in recycling increases, irrespective of density. Density appears to not have a significant effect on the recycling of cardboard.

*Cardboard Generated and Recycled by Density-Income Strata*

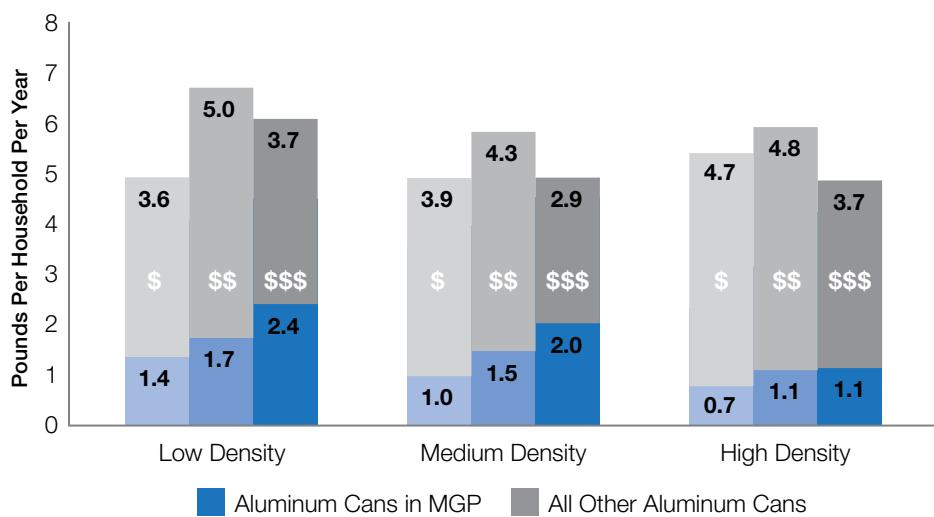


*Cardboard Capture Rates by Density-Income Strata*

<b>Citywide</b>	<b>71.4%</b>
HDHI	78.9%
HDMI	68.0%
HDLI	62.4%
MDHI	82.2%
MDMI	68.5%
MDLI	72.5%
LDHI	73.6%
LDMI	69.0%
LDLI	60.7%

Aluminum cans in recycling have a positive correlation with income: as incomes increase, so does the quantity of aluminum cans in recycling.

*Aluminum Cans Generated and Recycled by Density-Income Strata*

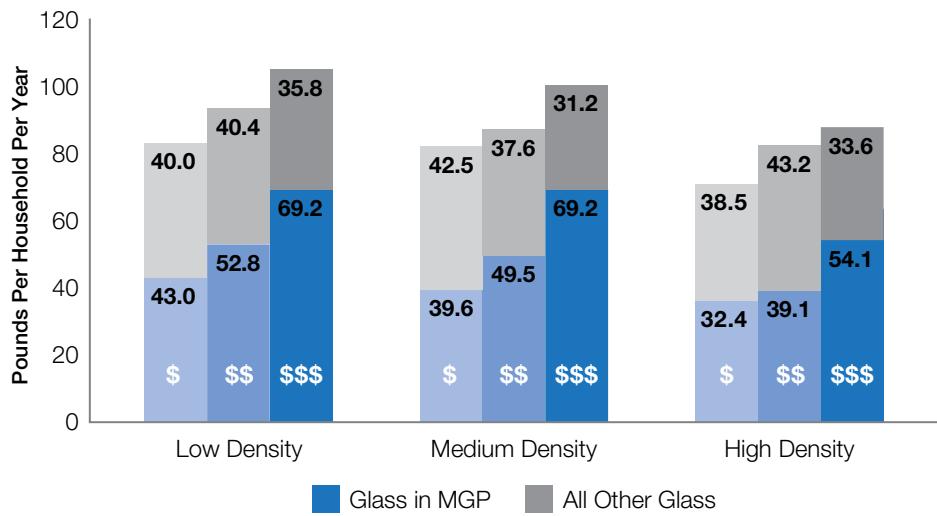


*Aluminum Can Capture Rates by Density-Income Strata*

<b>Citywide</b>	<b>25.5%</b>
HDHI	23.5%
HDMI	18.6%
HDLI	12.9%
MDHI	41.0%
MDMI	25.3%
MDLI	20.0%
LDHI	39.4%
LDMI	25.9%
LDLI	27.6%

There is a correlation between the generation of glass and density-income: as incomes increase, so does the generation of glass. Oppositely, as density increases, the generation of glass decreases.

#### *Glass Generated and Recycled by Density-Income Strata*

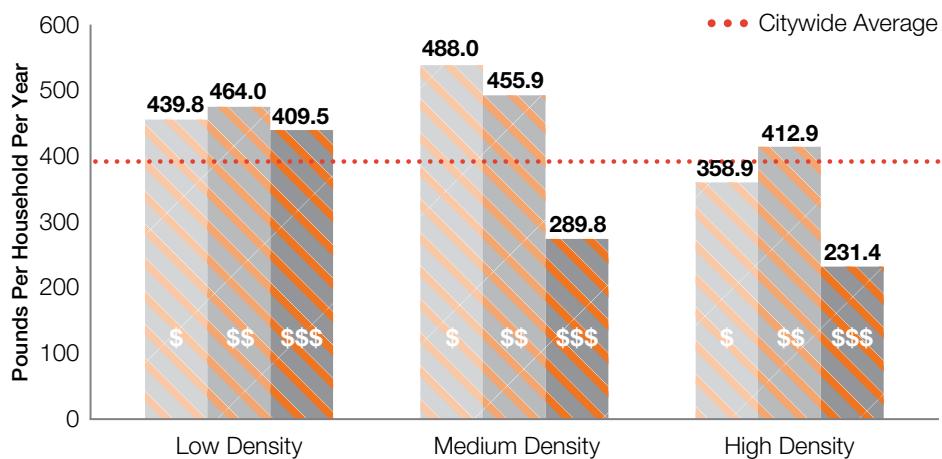


#### *Glass Capture Rates by Density-Income Strata*

Density-Income Strata	Capture Rate (%)
Citywide	57.2%
HDHI	61.7%
HDMI	47.5%
HDLI	45.7%
MDHI	69.0%
MDMI	56.9%
MDLI	48.2%
LDHI	65.9%
LDMI	56.7%
LDLI	51.8%

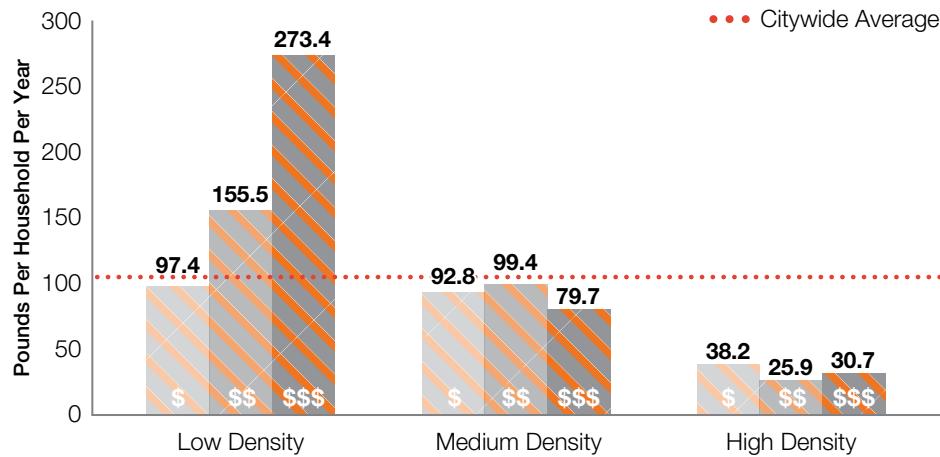
Higher income households typically generate less food waste than medium and low-income households.

#### *Food Scraps Generated in Refuse By Density-Income Strata*



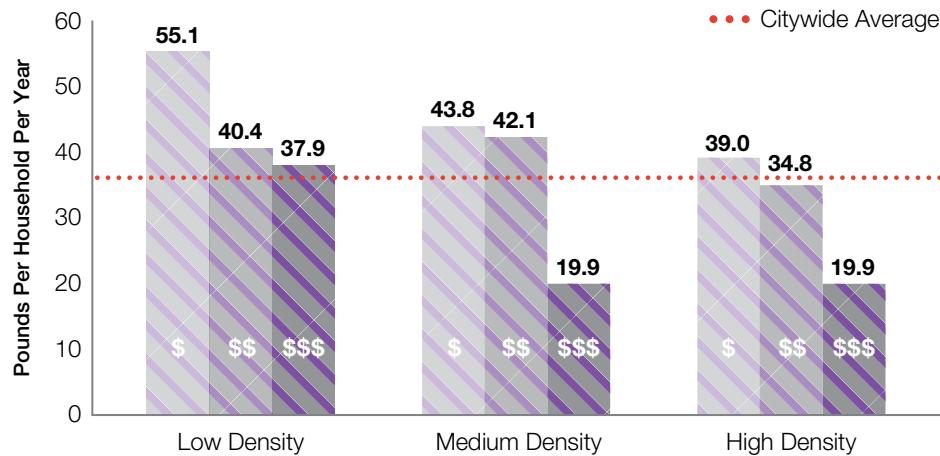
The clearest example of the impacts of density and income stratification are in the generation of yard waste. As observed in the figure below, as density decreases, the amount of yard waste increases. In low-density communities, income has a positive correlation with generation of yard waste: as income increases, so does the generation of yard waste.

#### ***Yard Waste Generated in Refuse By Density-Income Strata***



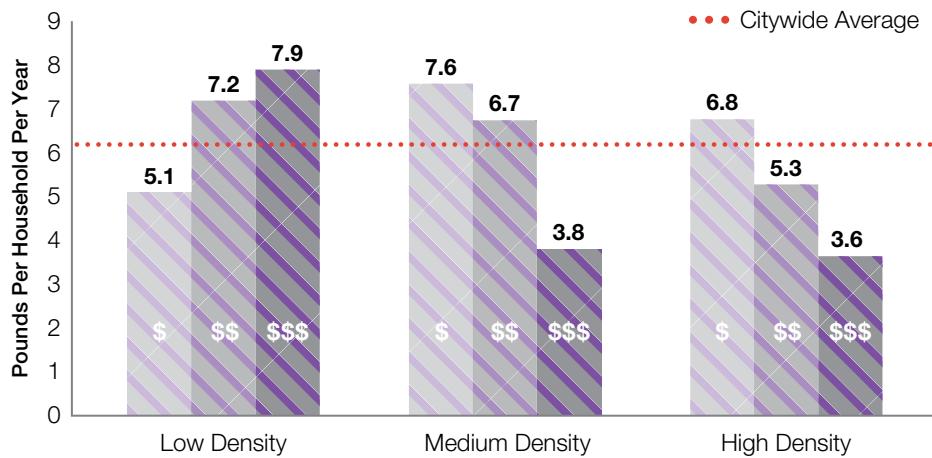
The percentage of textiles in aggregate discards decreases as income increases.

#### ***Clothing Generated in Refuse by Density-Income Strata***



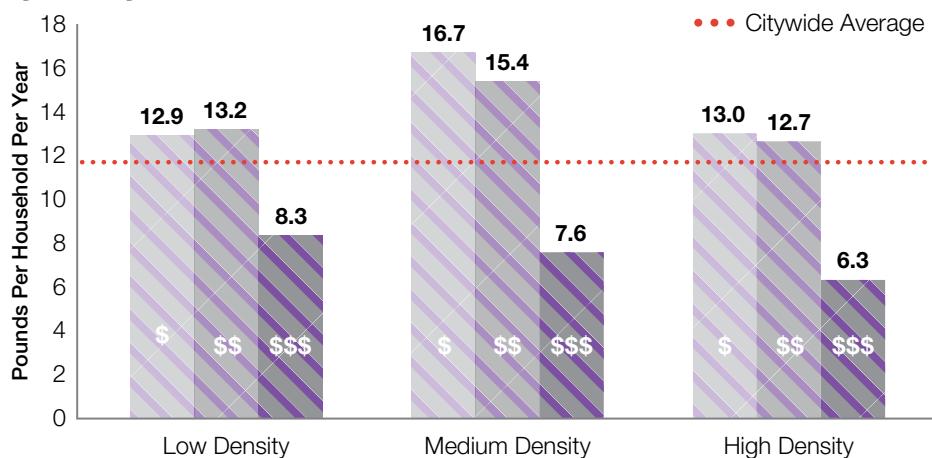
Despite most foam being banned for distribution or sale in NYC, there are exemptions in the law that allow for certain uses. In high- and medium-density districts, income is negatively correlated with the generation of foam: as income decreases, so does the amount of foam in the waste stream. In low-density districts, however, the opposite is true.

#### #6 EPS Containers/Packaging Generated in Refuse by Density-Income Strata



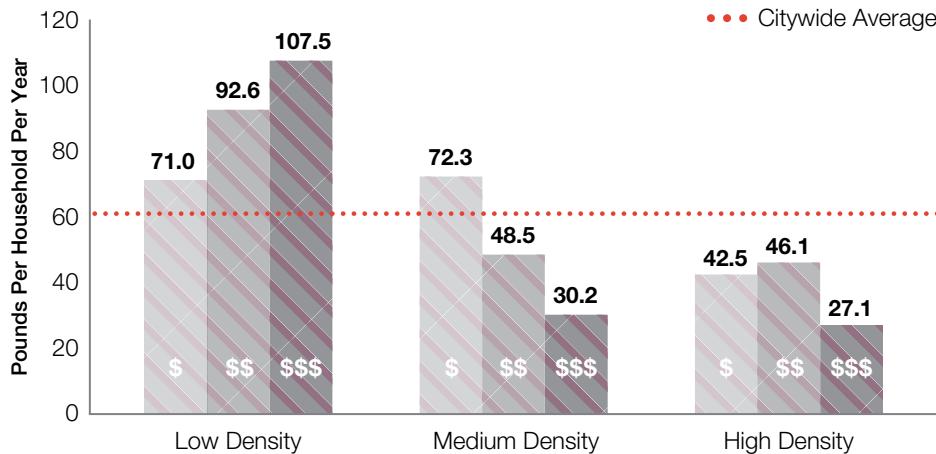
In high-income households, the amount of plastic shopping bags is much less than in medium- and low-income households. Low- and medium-income households generate approximately the same amount of plastic shopping bags within the same densities.

#### Film Plastic: Shopping Bags Generated in Refuse by Density-Income Strata



Areas of low-density housing generate more C&D than medium and high-density areas. This also increases with income.

#### C&D Generated in Refuse by Density-Income Strata



## Conclusions on Density and Income

Both housing density and income have profound effects on waste generation patterns in New York City. Across almost all material groups, consistent trends were revealed.

As housing density increases, waste generation per household decreases. The relationship between income and waste generation is varied across housing density. In low-density housing, the quantity of waste generated is positively correlated with household income.

The analysis also uncovered consistent patterns in recycling outcomes and the generation of recyclables. Higher-income households in aggregate generate more recyclable material and recycle it properly more frequently. Higher-density areas exhibit lower contamination rates compared to medium and low-density areas.

Overall, the relationships between waste and housing density and income are complex. Applying

these findings to a broader waste management perspective may allow policymakers, planners, and outreach staff to consider more nuanced and targeted approaches.

Furthermore, the evaluation of New York City's residential waste stream can reveal disparities in waste management services and infrastructure across different neighborhoods. Certain communities may face greater challenges in accessing recycling infrastructure or may experience higher rates of illegal dumping and littering. Addressing these disparities requires targeted interventions, such as investing in infrastructure upgrades in underserved areas, implementing community-based waste reduction programs, and engaging with local stakeholders to understand and address specific needs and concerns. By promoting equity in waste management services, DSNY and the City can work towards creating a more inclusive and resilient urban environment.



## VIII. Seasonality

As required by Local Law 40, DSNY conducted a multi-season waste characterization study. Seasonality is essential to understanding the waste stream, and for DSNY, in determining when to expect certain materials in collections throughout the year.

Each season of the 2023 Study collected approximately the same number of samples per stream and source, and results are presented at 90% confidence of statistical significance.

The 2023 Study found little-to-no impact on collections for the seasons surveyed, except for yard waste in the organics stream. The following table presents each material group as a percentage of aggregate discards by season.

### *Relative Share of Aggregate Discards by Material Category Across Seasons*

	<b>Season 1 (Fall)</b>	<b>Season 2 (Spring)</b>
<b>Residential Curbside Recyclables</b>	<b>33.1%</b>	<b>33.0%</b>
Clean Paper and Cardboard	16.0%	16.2%
Metal, Glass, Plastic, and Cartons	17.2%	16.8%
<b>Organics Suitable for Composting</b>	<b>35.3%</b>	<b>35.2%</b>
Food Scraps	21.0%	21.3%
Compostable Packaging & Food-Soiled Paper	9.5%	9.0%
Yard Waste	4.8%	4.9%
<b>Other Divertable Materials</b>	<b>6.6%</b>	<b>6.8%</b>
E-Waste	0.51%	0.47%
Harmful Household Products	0.56%	0.35%
Textiles	4.8%	5.3%
Plastic Shopping Bags	0.71%	0.62%
<b>Other</b>	<b>25.0%</b>	<b>25.0%</b>
Construction and Demolition	3.1%	3.0%
Other Materials	21.9%	22.0%

## **Organics and Seasonality**

Organic material—especially yard waste—is the material group that is most affected by seasonality.

In Season 1 (fall), Yard Waste made up 88.3% of all organics collected. In Season 2 (spring), that number significantly decreased down to 61.9%, a 26%-point decrease. As a result, food waste, and compostable packaging and food-soiled paper—which are less affected by seasonal changes—proportionally increased as a percentage of the overall organics stream.

### *Percentage of Organics in Residential Curbside Organics Across Seasons*

	<b>Season 1</b>	<b>Season 2</b>
Food Scraps	8.3%	31.4%
Yard Waste	88.3%	61.9%
Compostable Packaging	0.31%	1.5%



## IX. NYC Schools and NYCHA Collections

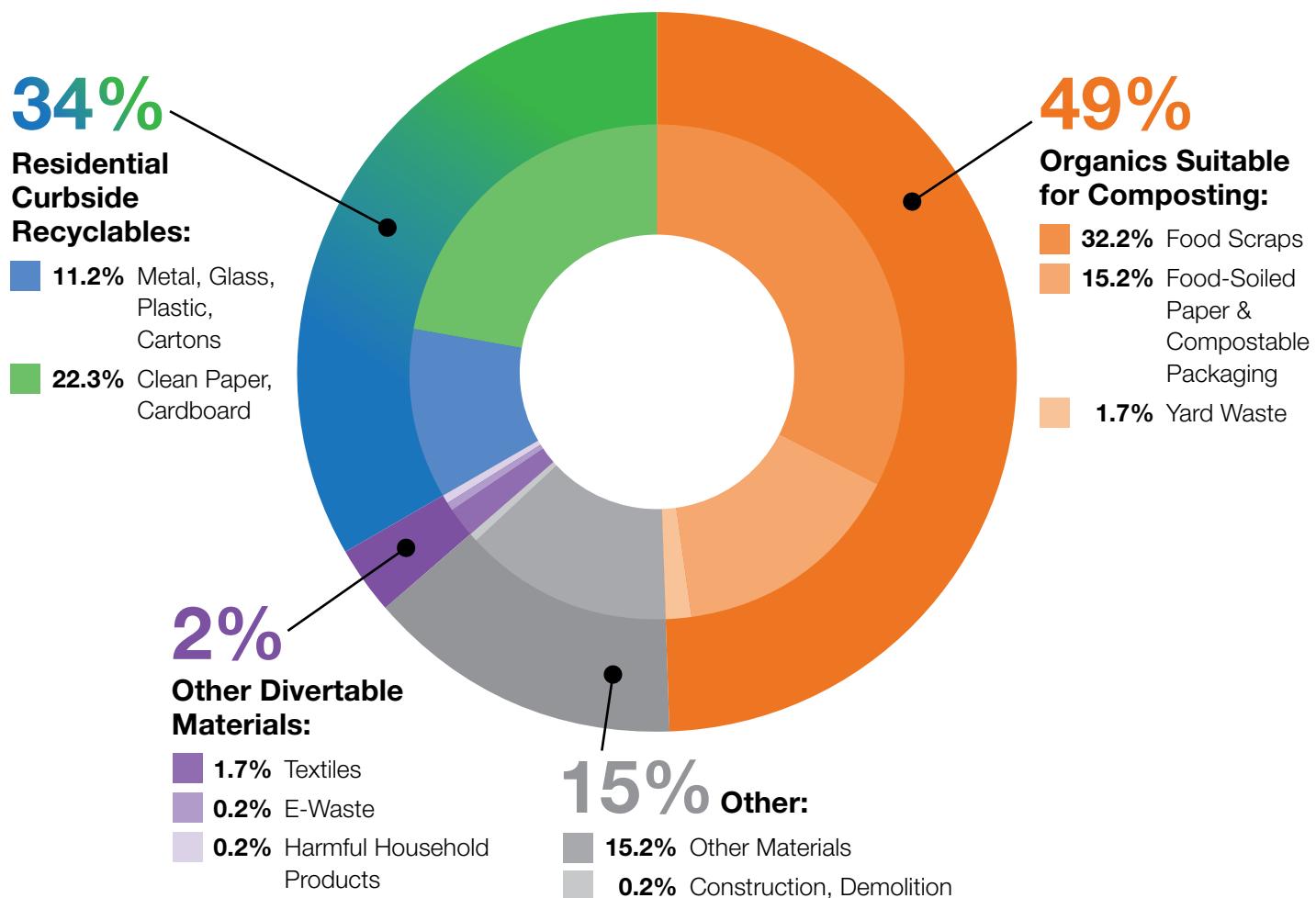
DSNY, New York City Public Schools, and GrowNYC's Zero Waste Schools Program have partnered together to implement best practices for school recycling and sustainable waste management. All public and private schools in NYC are required to recycle. Since 2017, DSNY has worked to expand curbside composting to all NYC public schools. With nearly 70% of New York City Public Schools trained on proper material separation and receiving Curbside Composting service, the remaining schools will receive training and service in the 2023-2024 school year.

*Note: In 2017, only schools without organics collection were sampled. In 2023, only schools with organics collection were sampled. Thus, while MGP and Paper are directly comparable, refuse is not (as schools sampled in 2017 would only be able to put their organics in refuse).*

## 2023 School Waste Profile

The 2023 Study built on the 2017 Study, which included a characterization of waste generated by NYC schools.

*2023 Composition of School Aggregate Discards*



*Note: Totals may not sum exactly due to rounding.*

Almost half of waste collected from schools is comprised of organics (49%), and over a third is paper and MGP recyclables (34%). These two categories have decreased overall from the 2017 Study results, however food waste has increased by 2%. “Other” materials have increased from 12% in 2017 to 15% in 2023.

*Relative share of school aggregate discards by material category.*

School Waste by Material, Aggregate Discards	2017	2023
<b>Paper Recyclables</b>	<b>21.2%</b>	<b>22.3%</b>
Corrugated Cardboard	10.0%	12.3%
High-Grade Paper	3.6%	1.9%
Mixed Low-Grade Paper	7.3%	7.8%
Newspaper	0.27%	0.20%
<b>MGP Recyclables</b>	<b>13.6%</b>	<b>11.2%</b>
Aluminum Cans/Foil/Containers	1.1%	1.1%
Steel/Tin Food Cans	1.4%	0.7%
Other Metal (bulky items, appliances, mixed metals, aerosol cans, etc.)	2.0%	1.1%
Beverage Cartons	2.3%	1.9%
Glass	0.79%	0.82%
Plastic Bottles and Jugs	1.7%	1.9%
Non-Bottle Rigid Plastic Containers	2.2%	1.8%
Rigid Plastic Single-Use Plates/Cups/Cutlery	1.2%	1.1%
Rigid Plastic Bulk/Appliances/Durables/Other	0.94%	0.70%
<b>Organics Suitable for Composting</b>	<b>51.3%</b>	<b>49.1%</b>
Food	29.1%	32.2%
Food-Soiled Paper	20.4%	15.2%
Yard Waste	1.9%	1.7%
<b>Other</b>	<b>13.8%</b>	<b>17.4%</b>
Non-Recyclable Paper	1.1%	1.9%
Non-Recyclable Plastics (including bags, baggies, wrappers, drink pouches, foam cups and containers, etc)	8.2%	8.0%
Textiles	0.84%	1.7%
E-Waste	0.03%	0.17%
Harmful Products (cleaners, paint, etc.)	0.04%	0.15%
Disposable Diapers/Sanitary Products	0.61%	0.80%
Wood/Carpet/Upholstery	0.19%	0.50%
Construction and Demolition	0.57%	0.22%
Miscellaneous and Fines	2.3%	4.0%

The amount of corrugated cardboard and low-grade paper in school waste increased from 2017, while high-grade paper and newspaper decreased. Glass continues to be a small fraction of school waste, and the percentage of most MGP categories has decreased from 2017, with the largest decrease in steel/tin cans and other metals. The percentage of textiles in school waste doubled since 2017. In 2023, there were also measurable amounts of e-waste and harmful products found in school waste.



As much as 83% of school waste could be diverted for recycling or composting through DSNY curbside collections.

## School Recycling Outcomes

Recycling contamination for both paper and MGP in New York City Public Schools has increased since the 2017 Study. DSNY continues to partner with the NYC Department of Education to improve recycling outcomes for schools.

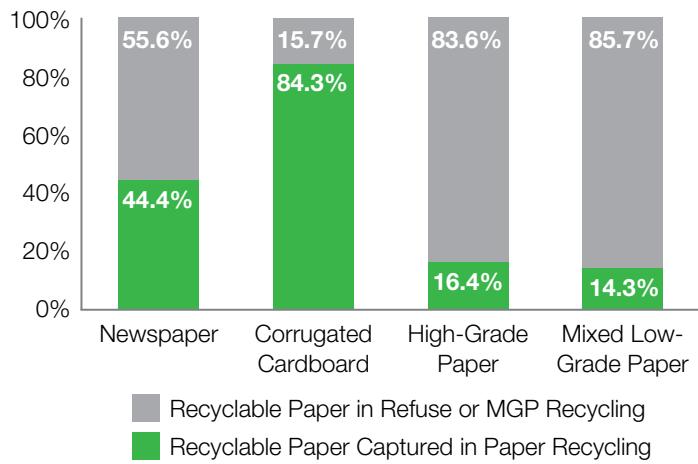
### *School Paper and MGP Recycling Capture Rates and Contamination Rates*

School Recycling Collections	Paper Recycling		MGP Recycling	
	2017	2023	2017	2023
Capture Rate	57.9%	69.3%	19.4%	41.2%
Contamination Rate	17.2%	19.7%	40.6%	51.7%
Capture Rate (net of contamination)	48.0%	55.6%	11.5%	19.9%

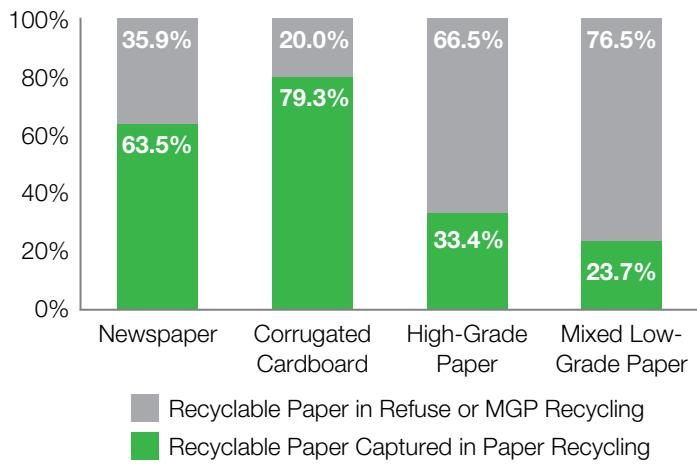
Paper and MGP capture rates have increased from 2017 to 2023, but so have the contamination rates in both streams.

### School Paper Capture Rates in 2017 and 2023

**2017**

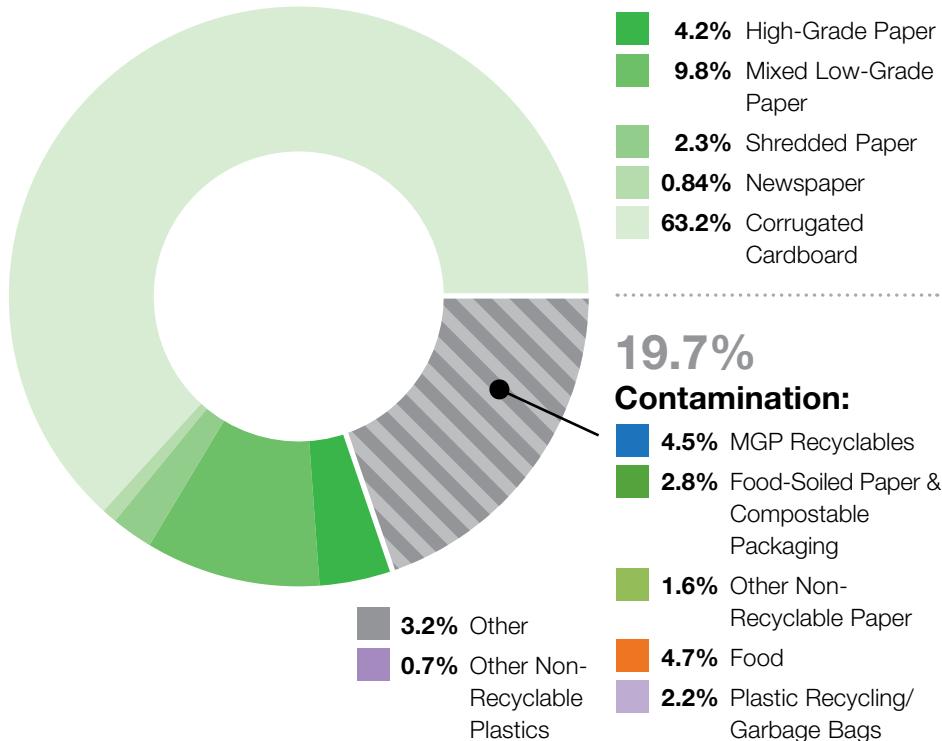


**2023**



Corrugated cardboard continues to be the material category that is most successfully recycled in the paper stream, but the percentage of recyclable paper captured decreased from 2017 to 2023. The percentage of newspaper, high-grade paper, and mixed low-grade paper captured has increased significantly.

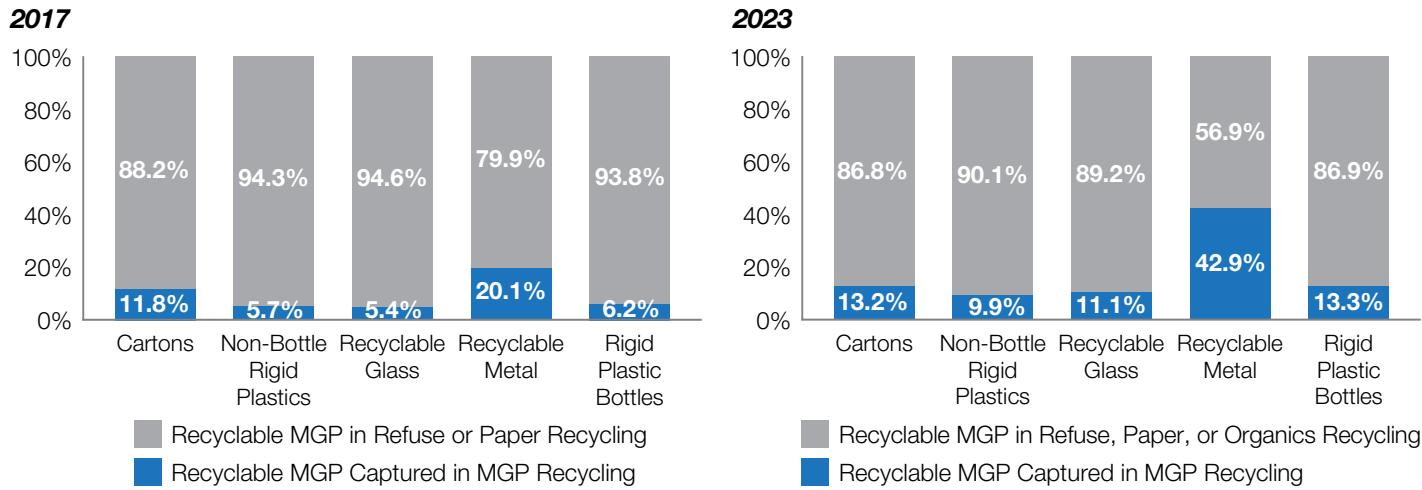
### Composition of School Paper Recycling and Contamination



Almost 20% of school paper recycling consisted of contaminants. The largest contaminant was food waste at 4.7%, followed by MGP recyclables at 4.5%. Both contaminants increased from 2017, and both could be diverted through recycling or composting if placed in the correct stream. Compostable/food-soiled paper and other non-recyclable paper decreased from 2017.

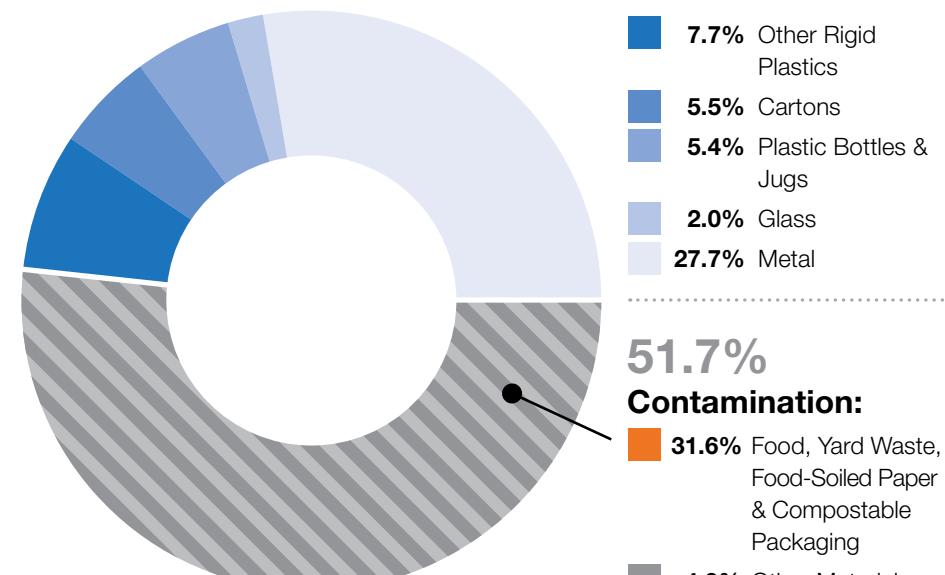
*Note: Totals may not sum exactly due to rounding.*

### School MGP Capture Rates in 2017 and 2023



Although the majority of recyclable MGP items are still incorrectly disposed of in refuse, the capture rates for all MGP material types have improved since 2017. The capture rate for recyclable glass, recyclable metal, and rigid plastic bottles more than doubled.

### Composition of School MGP Recycling and Contamination



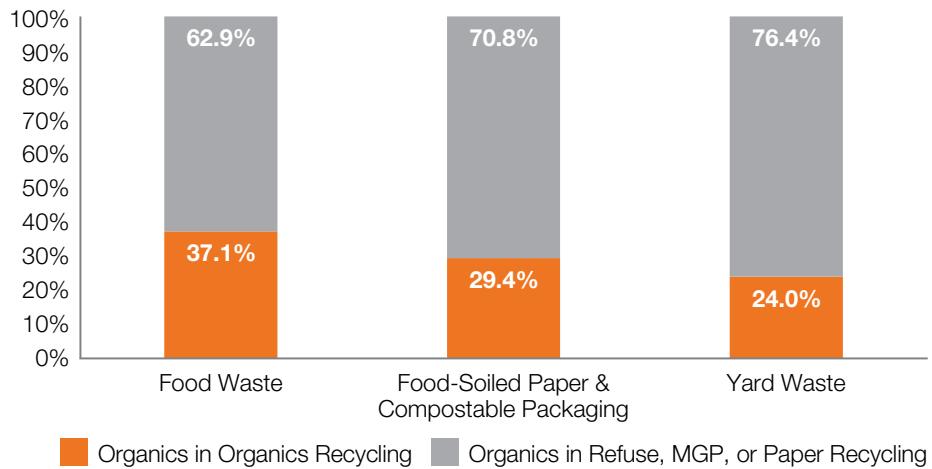
Note: Totals may not sum exactly due to rounding.

**51.7%**  
**Contamination:**

- 31.6% Food, Yard Waste, Food-Soiled Paper & Compostable Packaging
- 4.9% Other Materials
- 7.4% Paper: Recyclable
- 0.01% Plastics: EPS (Expanded Polystyrene)
- 7.8% Plastics: Film

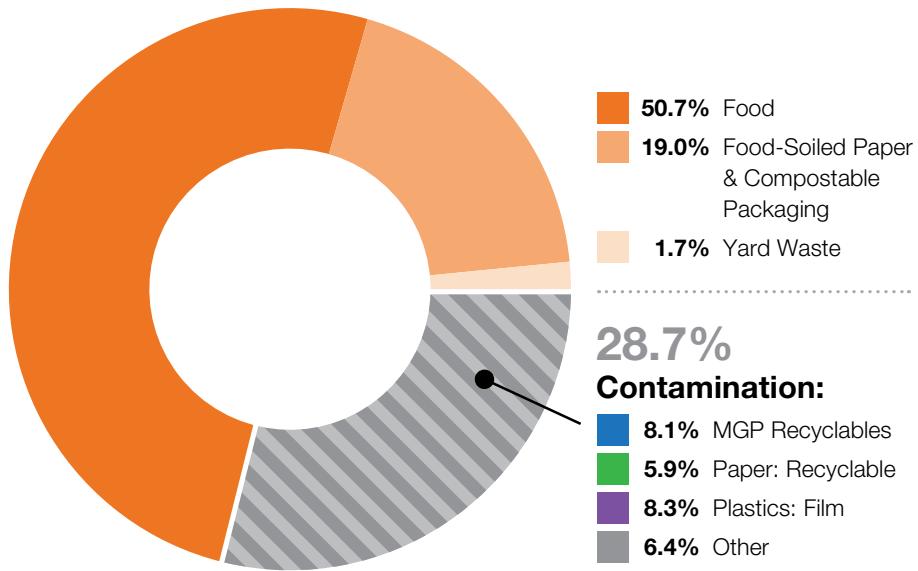
Over half of school MGP recycling consisted of contaminants (51.7%), compared to 40.6% in 2017. Like the 2017 Study, more than half of the contamination was food and food-soiled paper, which could be composted if placed in the correct stream. The amount of recyclable paper incorrectly placed in MGP doubled from 2017.

### School Organics Capture Rates in 2023



More than half of all organic material is not being captured in organics recycling. Although organics collection is relatively new at schools, organic material types are captured at a higher rate than MGP recyclables and some categories of recyclable paper.

### Composition of School Organics Recycling and Contamination



Note: Totals may not sum exactly due to rounding.

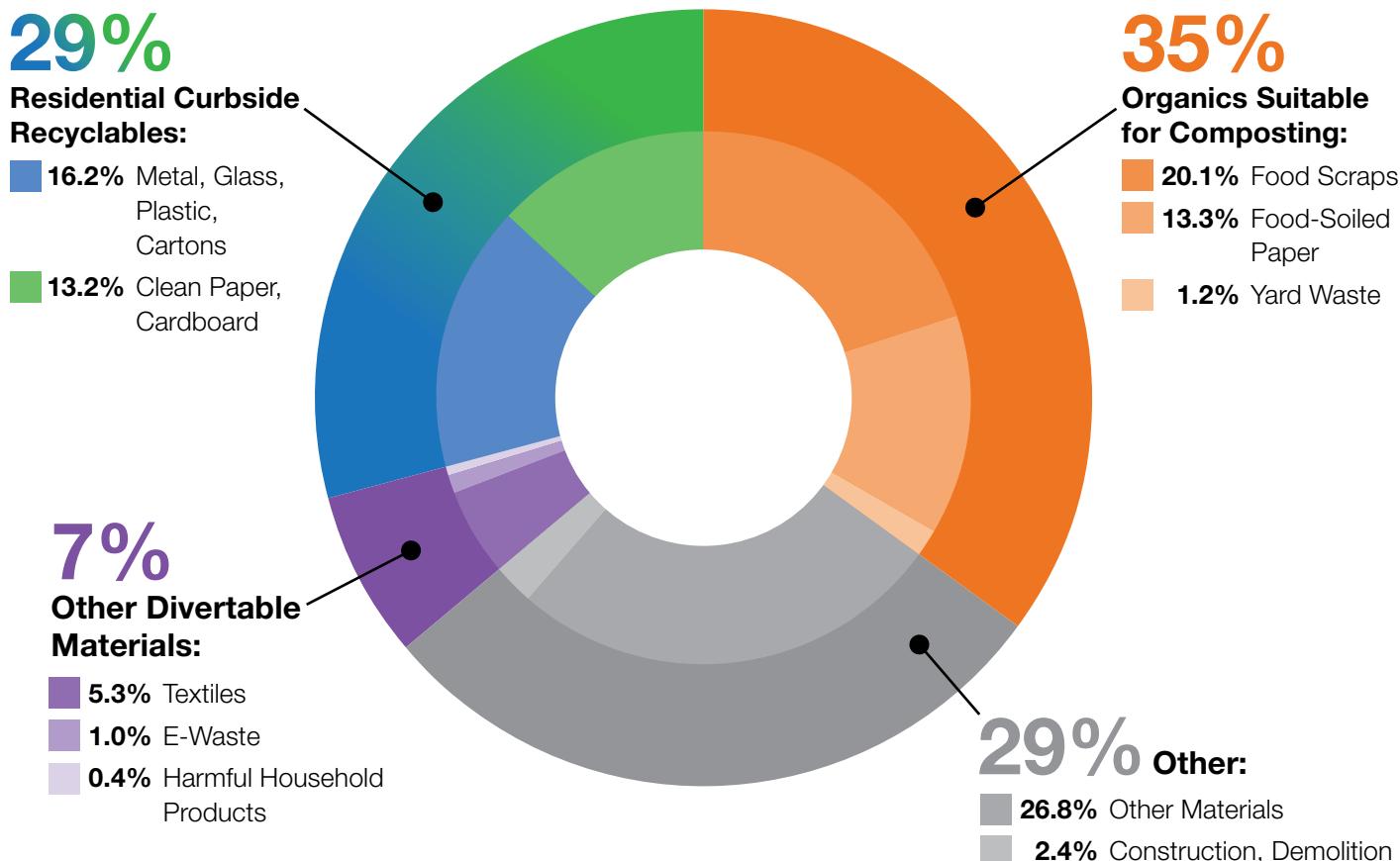
About 28% of school organics collection consisted of contamination. The largest share of contamination was plastic film (8.3%) and was found at a higher rate than in paper and MGP recycling. Other contaminants included 8.1% MGP and 5.9% paper recyclables in the incorrect stream.

## 2023 NYCHA Waste Profile

Most waste from the New York City Housing Authority (NYCHA) properties is collected by DSNY. Since 2015, NYCHA has committed to offering access to recycling services to all NYCHA residents through its program, NYCHA Recycles! DSNY continues to partner with NYCHA to offer staff and resident trainings and outreach to improve participation. Since 2017, DSNY has supported NYCHA's efforts to improve setout of materials and increase waste diversion by enrolling developments in ecycleNYC, providing caretakers and staff with recycling trainings, coordinating resident engagement recycling trainings, and attending various outreach events to promote DSNY initiatives.

*Note: NYCHA refuse is collected on both containerized and curbside routes. Most curbside collections for NYCHA are co-collected on the same routes as non-NYCHA households. To isolate NYCHA-specific waste, the 2023 Study only sampled from dedicated, containerized NYCHA collections. Paper and MGP recycling from NYCHA are almost always collected on routes that include non-NYCHA households. Samples for these streams could not be uniquely identified. Consequently, recycling results are not available for NYCHA.*

**Annual Composition of NYCHA Refuse**



***Relative Share of NYCHA Refuse by Material Category***

<b>NYCHA Waste by Material, Refuse</b>	<b>2017</b>	<b>2023</b>
<b>Paper Recyclables</b>	<b>14.3%</b>	<b>13.2%</b>
Corrugated Cardboard	1.8%	3.3%
High-Grade Paper	0.92%	0.92%
Mixed Low-Grade Paper	9.1%	8.5%
Newspaper	2.4%	0.43%
<b>MGP Recyclables</b>	<b>19.4%</b>	<b>16.2%</b>
Aluminum Cans/Foil/Containers	1.4%	1.3%
Steel/Tin Food Cans	1.3%	0.8%
Other Metal (bulky items, appliances, mixed metals, aerosol cans, etc.)	3.3%	2.0%
Beverage Cartons	0.45%	0.46%
Glass	4.4%	3.1%
Plastic Bottles and Jugs	3.9%	3.5%
Non-Bottle Rigid Plastic Containers	1.6%	2.7%
Rigid Plastic Single-Use Plates/Cups/Cutlery	0.41%	0.73%
Rigid Plastic Bulk/Appliances/Durables/Other	2.6%	1.7%
<b>Organics Suitable for Composting</b>	<b>32.0%</b>	<b>34.6%</b>
Food	22.6%	20.1%
Food-Soiled Paper	7.0%	13.3%
Yard Waste	2.4%	1.2%
<b>Other</b>	<b>34.3%</b>	<b>35.9%</b>
Non-Recyclable Paper	1.7%	1.4%
Non-Recyclable Plastics (including bags, baggies, wrappers, drink pouches, foam cups and containers, etc)	8.4%	8.0%
Textiles	7.7%	5.3%
E-Waste	0.70%	1.0%
Harmful Products (cleaners, paint, etc.)	0.43%	0.38%
Disposable Diapers/Sanitary Products	7.0%	8.5%
Animal By-Products	1.3%	1.1%
Wood/Carpet/Upholstery	0.66%	0.70%
Construction and Demolition	1.9%	2.4%
Miscellaneous and Fines	4.4%	7.1%

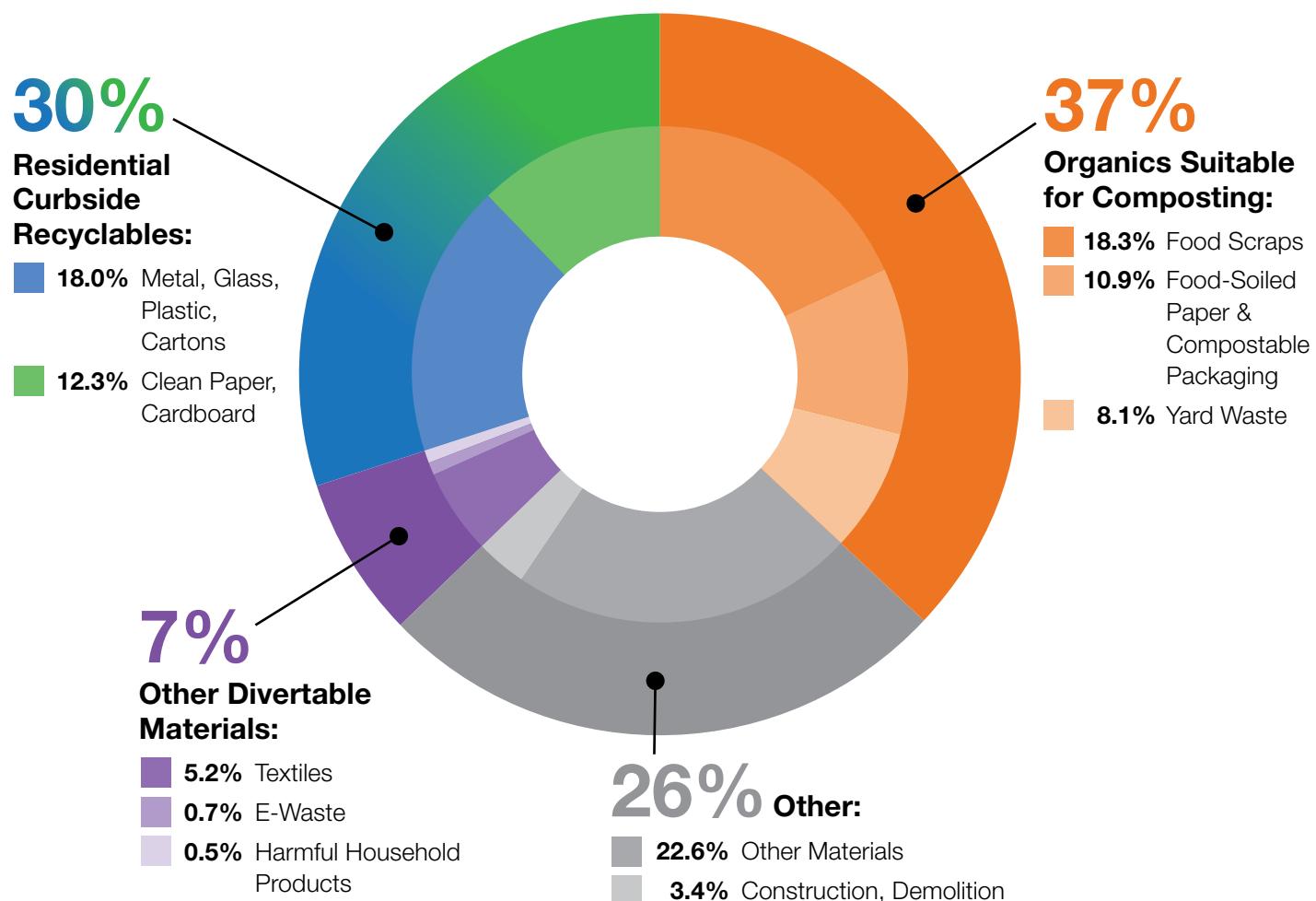
The NYCHA refuse stream and the non-NYCHA refuse stream are very similar, with key differences. Most notably, as a proportion of their waste stream, NYCHA properties will have less yard waste, but more non-divertible materials.



## X. Litter Basket Collections

### 2023 Litter Basket Waste Profile

DSNY services over 23,000 public litter baskets located on street corners. Litter baskets are intended for pedestrians to dispose of small quantities of refuse and not for household or commercial disposal. The 2023 Study characterized material collected from litter baskets for the first time since 2005.

*Annual Composition of Litter Baskets*

Compared to residential aggregate discards, litter baskets contained a higher relative percentage of **MGP**, **yard waste**, **electronic waste**, and **harmful household products**.

**Relative Share of Street Basket Refuse by Material Category**

Street Basket Refuse by Material	%
<b>Paper Recyclables</b>	<b>12.3%</b>
Corrugated Cardboard	4.8%
High-Grade Paper	0.43%
Mixed Low-Grade Paper	6.1%
Newspaper	1.0%
<b>MGP Recyclables</b>	<b>18.0%</b>
Aluminum Cans/Foil/Containers	1.4%
Steel/Tin Food Cans	0.45%
Other Metal (bulky items, appliances, mixed metals, aerosol cans, etc.)	3.5%
Beverage Cartons	0.29%
Glass	5.1%
Plastic Bottles and Jugs	2.5%
Non-Bottle Rigid Plastic Containers	2.0%
Rigid Plastic Single-Use Plates/Cups/Cutlery	1.6%
Rigid Plastic Bulk/Appliances/Durables/Other	1.2%
<b>Organics Suitable for Composting</b>	<b>37.3%</b>
Food	18.3%
Food-Soiled Paper	10.9%
Yard Waste	8.1%
<b>Other</b>	<b>32.4%</b>
Non-Recyclable Paper	3.3%
Non-Recyclable Plastics (including bags, baggies, wrappers, drink pouches, foam cups and containers, etc.)	6.7%
Textiles	5.2%
E-Waste	0.68%
Harmful Products (cleaners, paint, etc.)	0.50%
Disposable Diapers/Sanitary Products	1.9%
Animal By-Products	3.1%
Wood/Carpet/Upholstery	1.0%
Construction and Demolition	3.4%
Miscellaneous and Fines	6.6%



## XI. Subsort Analyses

As part of the 2023 Waste Characterization Study, DSNY analyzed several subsorts related to programmatic and policy questions. Below are several of these analyses.

### Bag Ban

In March 2020, The New York State **Bag Waste Reduction Act** banned any “person required to collect tax” from distributing plastic carryout bags to its customers. The legislation – commonly referred to as the “Bag Ban” – also allowed cities and counties to adopt a five-cent carry-out bag reduction fee on paper bags to disincentivize single-use paper bags and encourage consumers to bring reusable bags. New York City implemented the paper bag fee beginning March 2020, concurrently with the new bag ban.

The Bag Ban had a clear and noticeable impact: plastic bags decreased from 1.9% to 0.6% as a percent of all waste when compared to 2017. The overall material weight declined during the same period by 67.8%, from 38.2 pounds per household to 12.3 pounds per household.

The weight of material lost in the waste stream by plastic bags – nearly 26 pounds per household per year – has been partially made up by replacement categories. The total weight of material related to replacement bags – which are typically made of heavier material than plastic shopping bags – is 16.2 pounds. There is no data on replacement bag materials from previous studies to provide a direct comparison.

### **Plastic Shopping Bags in Aggregate Discards**

<b>2017</b>	1.9%
<b>2023</b>	0.65%

### **Plastic Bag Replacements: Pounds Per Household Per Year**

<b>Material Category</b>	<b>2017</b>	<b>2023</b>
Plastic Shopping Bags	38.2	12.3
Non-Woven Reusable Plastic Bags	-	0.21
Textiles: Woven Bags	-	6.5
Paper Grocery Bags	-	4.6
Paper Retail Bags	-	5.0
	<b>38.2</b>	<b>28.6</b>

## **Batteries and Implications in the Waste Stream**

Due to the rapid emergence of the e-mobility market and the growth of rechargeable electronic devices, lithium-ion batteries are a new, widespread occurrence in the waste stream. Rechargeable batteries are commonly found in e-bikes and scooters, laptops, tablets, and other electronic devices.

It is essential to properly dispose of devices containing rechargeable batteries. In 2022, there were 18 fires in DSNY collection trucks related to batteries, a threefold increase from 2021. Across NYC recycling facilities, 151 fires occurred in 2022 alone.

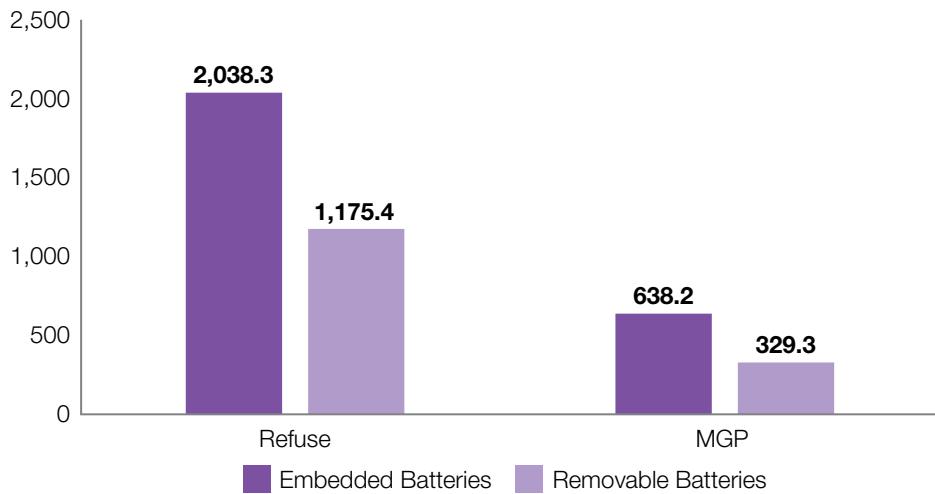
The **New York State Rechargeable Battery Law (2014)** makes it illegal for any person to throw rechargeable batteries in the trash. Retailers that sell rechargeable batteries or products containing rechargeable batteries must accept used batteries from New York State consumers.

DSNY provides the option to properly dispose of rechargeable batteries at SAFE Disposal Events and Special-Waste Drop-Off Sites.

Despite these requirements and proper disposal options, rechargeable batteries still end up in the trash.

Electronic devices are most commonly, and improperly, disposed of in residential curbside refuse and MGP waste streams. Improperly disposed electronics with embedded batteries were almost twice the weight of those with removable batteries. Embedded-battery electronics increase the risk of disposal fires due to the inability of consumers to easily separate and properly dispose of the batteries.

**Total Tons of Electronic Equipment with Batteries in Residential Refuse and MGP**



**Table 9.X**

**Total Tons of E-Mobility Batteries in Residential Refuse and MGP, 2022**

	Refuse	MGP
E-Mobility Batteries	43.8	4.6

## E-Cigarettes

Another new and significant material category in the waste stream since the 2017 Study is disposable e-cigarettes or embedded battery pens that are used for vaping. While no historical data is available, the amount collected in 2022 alone is substantial; across refuse and MGP, more than 500 tons of vape pens were collected by DSNY. These products are considered harmful household waste due to the inclusion of liquid vaping product. Proper disposal guidelines require that these materials be properly disposed of as harmful household waste at a DSNY Safe Disposal Event (SAFE).

**Across refuse and MGP, more than 500 tons of vape pens were collected by DSNY.**

**Total Tons of Vape Pens Collected in Residential Refuse and MGP, 2022**

	Refuse	MGP
Vape Pens	473.4	32.0

## Packaging and Extended Producer Responsibility

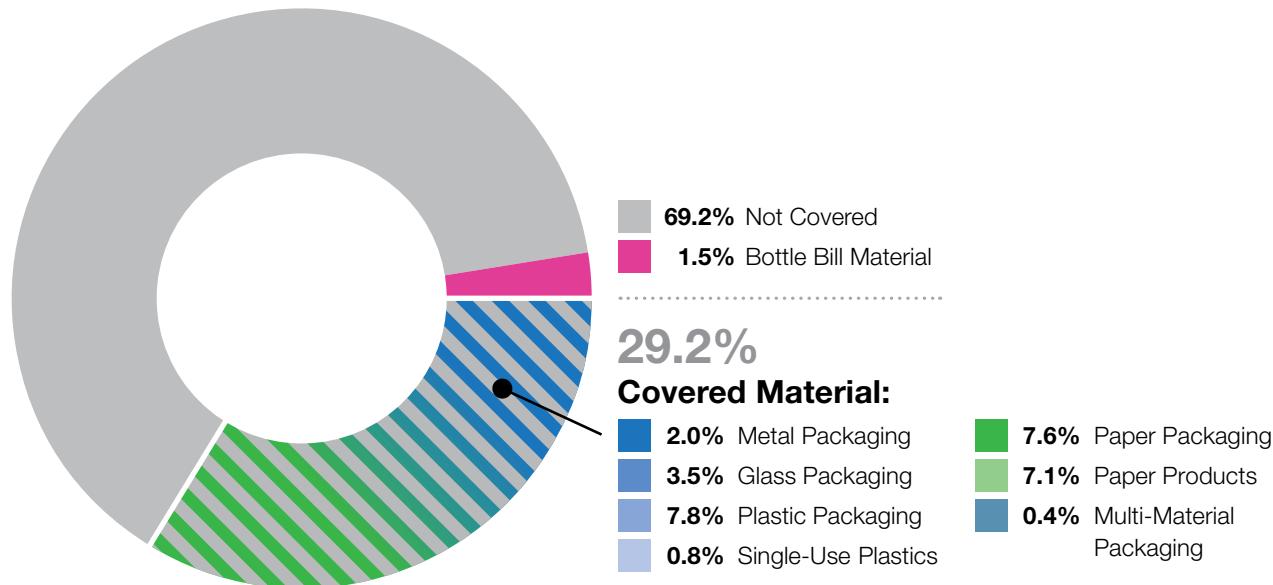
Extended Producer Responsibility (EPR) is a policy approach that requires product manufacturers to retain financial accountability for consumer materials through the post-consumer disposal or recycling stage.

In New York State, several EPR laws are already in effect: electronics, rechargeable batteries, mercury thermostats, pharmaceuticals, and paint are all covered under existing EPR legislation.

New EPR legislation is regularly proposed in the State Legislature. The most expansive EPR legislation proposed in New York State recently has been for packaging. Legislation previously proposed in New York for EPR for packaging, generally, includes materials for single or short-term use that contain, protect, wrap, present, or deliver products for transportation or distribution directly to a consumer.

EPR for packaging in New York could cover a large portion of New York City's waste stream and would shift the burden of the cost of waste management from taxpayers to manufacturers. As the system exists now, NYC has virtually no say as to what enters its waste stream, yet still must cover all costs related to the recycling and disposal of these goods. An EPR for packaging system could free up taxpayer dollars, incentivize manufacturers to design for recyclability, and create a fairer, more equitable waste management system.

### ***Covered Packaging or Printed Paper and Bottle Bill Material in Aggregate Discards***



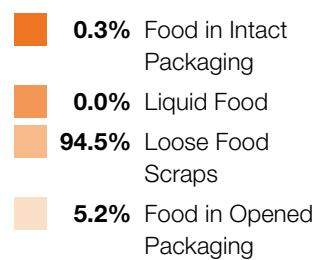
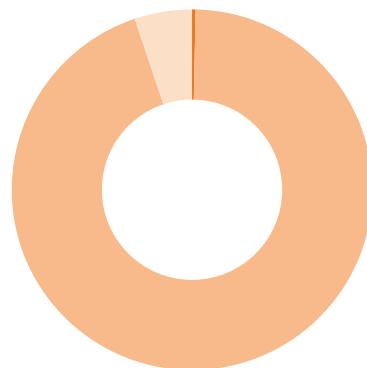
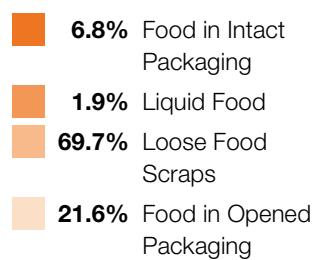
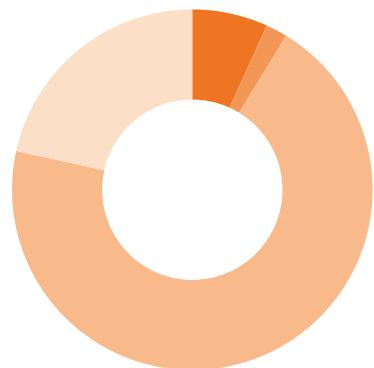
There are several versions of proposed legislation that have been introduced over the last several years for EPR for packaging. What is considered “covered” by the bill may change between proposals, but there are frequently reoccurring material types that are almost always included. The pie chart above includes these frequent material types that align with the 2023 Waste Characterization Study.

As shown in the figure above, 29% of all waste – that includes residential, school, NYCHA, and street basket waste – would be considered covered.

## Food Waste

In 2022, New York City residents disposed of 1.2 billion pounds of food. More than 86 million pounds were encased in intact packaging. This represents a substantial opportunity to remove useable food from our waste stream through donation.

**Food in Residential Refuse and Curbside Organics**



When collected as part of organics, food is much more likely to be loose food scraps rather than in intact or opened packaging.

**Food in Residential Refuse and Curbside Organics**

	% Of all Food in Refuse	% Of all Food in Organics
Food in Intact Packaging	6.8%	0.3%
Liquid Food	1.9%	0.0%
Loose Food Scraps	69.7%	94.5%
Food in Opened Packaging	21.6%	5.2%

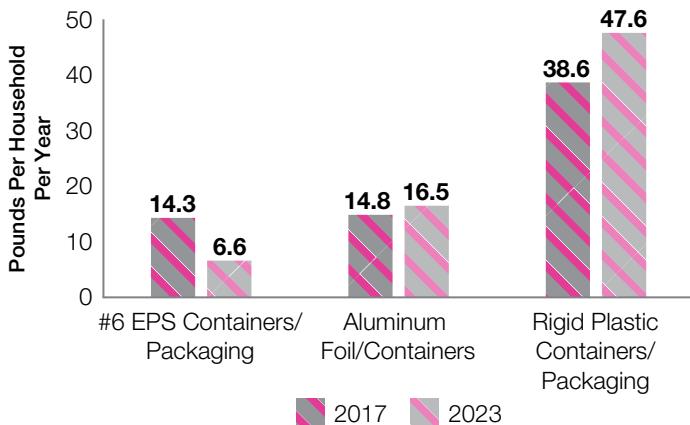
## Foam Ban

In accordance with Local Law 142 of 2013, DSNY determined that foam food and beverage containers cannot be recycled in a manner that is economically feasible, environmentally effective, and safe for employees as part of the City's curbside recycling program. As a result, stores, food service establishments, and mobile food vendors cannot offer, sell, or possess single-use foam food containers as of January 1, 2019.

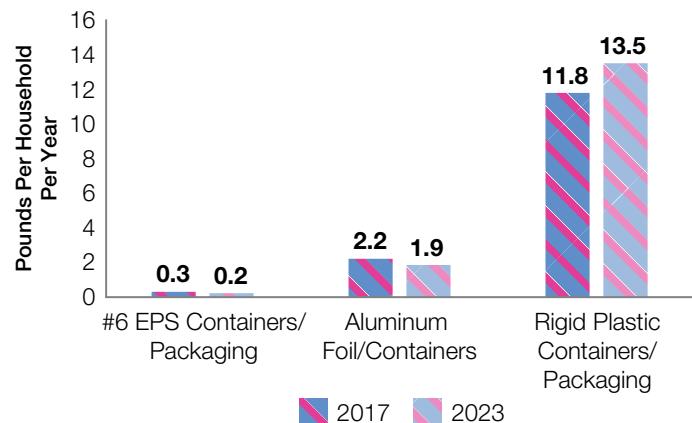
The 2019 Foam Ban had a significant effect on the amount of foam in the waste stream: from 2017 to 2023, foam decreased from 0.7% of the waste stream to 0.3%.

Like the Bag Ban, the Foam Ban has been successful at reducing the prevalence of foam in New York State. With the ban on foam, retailers and food vendors have shifted to other alternatives, including rigid plastic containers and compostable packaging.

### *EPS Containers, Packaging and Replacements in Residential Aggregate Discards Per Household in 2017 vs 2023*



### *EPS Containers, Packaging and Replacements in Residential MGP Per Household in 2017 vs 2023*



Rigid plastic containers have been the main replacement for foam containers and packaging. In both aggregate discards and MGP, rigid plastic containers have increased from 2017 to 2023. The benefit of the replacement effect of rigid plastic containers and aluminum containers over foam is that rigid plastics and aluminum are recyclable.

### *EPS Containers and Packaging in Aggregate Discards Over Time*

2005	0.54%
2013	0.79%
2017	0.72%
2023	0.35%

### *Capture Rates: EPS Replacements*

	2017	2023
Aluminum Foil/ Containers	15.0%	11.3%
Rigid Plastic Containers/Packaging	30.5%	28.3%

# XII. Material Category Definitions

## Main Categories

<b>Group</b>	<b>Category</b>	<b>Description</b>
Paper	NEWSPAPER	Printed ground wood newsprint; advertising “slicks” (glossy paper), if found mixed with newspaper; otherwise, ad slicks are included with mixed low grade
Paper	PLAIN OCC/KRAFT PAPER	Old unwaxed/uncoated corrugated container boxes, and Kraft paper; does not include paper bags.
Paper	PAPER BAGS	All paper bags including those made of Kraft paper.
Paper	HIGH-GRADE PAPER	White and lightly colored bond, rag, or stationery grade paper; includes white or lightly colored sulfite/sulfate bond, copy papers, notebook paper, envelopes, continuous-feed sulfite/sulfate computer printouts and forms of all types, excluding carbonless copy paper.
Paper	MIXED LOW-GRADE PAPER	Includes junk mail, magazines, colored papers, bleached Kraft (excluding bags), boxboard, mailing tubes, carbonless copy paper, ground wood computer printouts, telephone directories, paperback books, hardcover books
	COMPOSTABLE: CONTAINERS & PACKAGING	Fast food single-use containers, school food service containers, wax-coated boxes, and other retail food service items that are compostable but not recyclable
Paper	COMPOSTABLE OTHER: SOILED PAPER/WAXED OCC/KRAFT	Waxed papers, other papers that were soiled with food during use (e.g., pizza box inserts); paper towels, tissues, wipes and napkins; paper plates, platters, cups, and bowls
Paper	OTHER NONRECYCLABLE PAPER	Polycoated frozen food and ice cream containers/packaging and other polycoated papers (excluding milk/juice cartons and aseptic packaging); paper with other materials attached (e.g. orange juice cans and spiral notebooks), and other non-recyclable papers such as carbon copy paper, label backing, and photographs; includes gypsum board tape rolls
Paper	BEVERAGE CARTONS AND ASEPTIC BOXES	Beverage and food containers made of bleached and unbleached paperboard coated with HDPE film; includes polycoated milk and juice containers, and aseptic juice boxes, including those with plastic spouts attached; excludes juice concentrate cans

<b>Group</b>	<b>Category</b>	<b>Description</b>
Paper	SHREDDED PAPER	All shredded paper that is contained in bags or is still relatively intact within the sample and can be manually separated in handfuls; does not include loose, dispersed shredded paper which may end up in Fines, Compostable Paper, or Other Organics as part of the sample residual
Multi-Material	CUPS: PAPER AND PLASTIC	Any single-use or durable drinking cup made of paper (wax-coated or uncoated and lined or unlined) or plastic resin (including EPS cups; includes does not include yogurt/food cups)
Multi-Material	COFFEE PODS (K-CUPS)	Single-serve or single-portion coffee containers or pods; may be made of predominantly plastic, predominantly metal, or compostable material
Plastic	#1 PET BOTTLES: CLEAR & GREEN	#1 Polyethylene terephthalate translucent bottles and jars that are clear or green colored
Plastic	#1 PET BOTTLES: ALL OTHER COLORS	#1 Polyethylene terephthalate translucent bottles and jars that are other colors including blue, red, amber, yellow, orange, and opaque
Plastic	#2 HDPE: NATURAL BOTTLES	High-density translucent polyethylene (#2) milk, juice, beverage, vinegar, distilled water bottles with necks and jars
Plastic	#2 HDPE: COLORED BOTTLES	High-density colored (including opaque white) polyethylene (#2) bottles; liquids detergent bottles, some hair care bottles with necks and jars; includes empty motor oil bottles
Plastic	#3-#7 AND UNLABLED BOTTLES	All other bottles and jars labeled #3 through #7 or unlabeled. Includes #3 polyvinyl chloride bottles (primarily cleaning products and soaps/shampoos); #4 low-density polyethylene bottles (children's squeezable juice bottles, some saline/medical rinse bottles); #5 polypropylene bottles (examples include syrup, ketchup, tea); #6 polystyrene bottles; bottles labeled #7 Other; bottles with two resin codes, and unlabeled bottles
Plastic	THERMOFORMS	Thermoform trays of all resin types, clamshells, and other packaging, typically used for grocery items, i.e. produce trays and clamshells, plastic pie plates and covers, and food product packaging made by press-molding a flat sheet of plastic
Plastic	OTHER PVC	White plumbing pipe, identifiable PVC packaging other than PVC bottles/tubs
Plastic	TUBS AND LIDS	Injection molded wide mouth tubs without a neck, such as cottage cheese and margarine, of any resin type. Includes lids to the tubs. Includes plastic bottle caps. Includes pill bottles
Plastic	#6 EXPANDED POLYSTYRENE CONTAINERS AND PACKAGING (EPS)	Includes #6 packaging and finished products made of expanded polystyrene. Includes EPS trays used for packaging and shelf display of meats and groceries as well as plates, bowls, and platters, but excludes expanded polystyrene cups

<b>Group</b>	<b>Category</b>	<b>Description</b>
Plastic	#1-#7 OTHER RIGID CONTAINERS/PACKAGING	Other containers and packaging, including containers of all types, toothpaste tubes, and plastic spools, not elsewhere classified. Includes empty tubes of caulk
Plastic	FILM: RETAIL BAGS & SLEEVES	Plastic bags given to customers by any retail establishment for transporting purchased goods, including labeled grocery and merchandise, dry cleaner, and newspaper polyethylene film bags; does not include garbage bags, baggies or zippered storage bags; or bags heavily soiled with food
Plastic	FILM: GARBAGE BAGS	Plastic bags designed and marketed to contain garbage, MGP and paper for containment, curbside set-out and collection; includes opaque, translucent and clear bags of any color
Plastic	FILM: NON-WOVEN REUSABLE PLASTIC BAGS	Heavy-duty non-woven plastic bag designed and marketed to be reused
Plastic	FILM: POUCHES	Drink pouches made of multi-layer film plastic and including foil
Plastic	FILM: OVERSIZE ITEMS	Any plastic film item larger than a garbage bag; includes tarps, shower curtains, plastic tablecloths, polyethylene plastic sheeting, industrial films
Plastic	FILM: OTHER #2/#4 POLYETHYLENE BAGS	Other film bags not elsewhere classified or film products made of #2 HDPE, #4 LDPE or #4 LLDPE film
Plastic	FILM: OTHER NON-POLYETHYLENE/CONTAMINATED	Other film bags or film products made of films other than #2 and #4. Film packaging not defined above, or: was contaminated with food, liquid or grit during use; is woven together (e.g., grain bags); contains multiple layers of film or other materials that have been fused together (e.g., potato chip bags); garbage bags, baggies or zippered storage bags, plastic wraps
Plastic	FILM: DSNY COMPOSTABLE PLASTIC BAGS	Compostable plastic bags intended for use in the curbside organics collection program
Plastic	SINGLE-USE PLATES/CUTLERY	Plastic single use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins; does not include EPS expanded polystyrene plates, cups, and bowls, or EPS trays used for packaging and display
Plastic	APPLIANCES: PLASTIC	Small and large appliances made predominantly of plastic
Plastic	BULK/RIGID: PLASTIC	Plastic crates and soda bottle carriers
Plastic	BULK/RIGID: PLASTIC TOYS/HOUSEWARES	Bulky rigid plastic items for household use including plastic furniture and toys. Generally larger in size than a shoebox
Plastic	BULK/RIGID: OTHER DURABLE	Other bulky rigid plastic objects not elsewhere classified; includes 5-gal buckets. Generally larger in size than a shoebox
Plastic	OTHER PLASTICS MATERIALS NOT ELSEWHERE CLASSIFIED	Items that are predominately plastic with other materials attached such as pens, lighters, and 3-ring binders; finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose – not including plastic crates and soda bottle carriers
Glass	CLEAR CONTAINER GLASS	Manually sortable, recyclable clear glass bottles and jars that are greater than 2" x 2"

<b>Group</b>	<b>Category</b>	<b>Description</b>
Glass	GREEN CONTAINER GLASS	Manually sortable, recyclable green glass bottles and jars that are greater than 2" x 2"
Glass	BROWN CONTAINER GLASS	Manually sortable, recyclable brown glass bottles and jars that are greater than 2" x 2"
Glass	OTHER COLOR CONTAINER GLASS	Manually sortable, recyclable blue, yellow, red and other color glass bottles and jars that are greater than 2" x 2"
Glass	MIXED CULLET	Broken glass of any color not manually sortable (under 2" x 2"); glass shards
Glass	OTHER GLASS	Window glass, mirrors, light bulbs (except fluorescent tubes), decorative glassware (e.g. vases), decorative glass bottles (e.g. perfume bottles), drinking glasses, other non-container glass
Metal	ALUMINUM CANS & BOTTLES	Aluminum beverage and food cans and bi-metal cans made mostly of aluminum; includes removed aluminum lids
Metal	ALUMINUM FOIL/CONTAINERS	Aluminum food containers, trays, and foil
Metal	OTHER ALUMINUM	Aluminum products and scrap that are 50% or more aluminum by weight, such as window frames, cookware
Metal	OTHER NONFERROUS	Non-aluminum metals not derived from iron, to which a magnet will not adhere, and which are not significantly contaminated with other metals or materials; includes copper, brass, lead, stainless steel, zinc
Metal	STEEL/TIN FOOD CANS	Steel food containers, including bi-metal cans mostly of steel; includes removed steel lids
Metal	EMPTY AEROSOL CANS	Empty, mixed material/metal aerosol cans (cans that still contain product are sorted according to that material, i.e. solvent-based paint)
Metal	OTHER FERROUS	Ferrous and alloyed ferrous scrap metals to which a magnet adheres and which are not significantly contaminated with other metals or materials; includes ferrous metal caps/lids to containers of other material types
Metal	MIXED METALS	Items that are predominately metal with other materials attached such as motors, insulated wire, and finished products containing a mixture of metals, or metals and other materials, that are not classified in the "small appliances" section below; includes pieces of white goods. Included certain non-computer insulated wiring such as holiday light strands if the wiring is half or more of the weight.
Metal	APPLIANCES: FERROUS	Large and small electric appliances made predominantly of ferrous metal (steel). Includes large appliances such as washers, dryers, stoves, refrigerators, dishwashers, etc.; includes small appliances such as toasters, microwave ovens, power tools, curling irons, and light fixtures.

<b>Group</b>	<b>Category</b>	<b>Description</b>
Metal	APPLIANCES: NON-FERROUS	Small and large appliances made predominantly of stainless steel
Organic	YARD WASTE	Any plant materials from a yard or garden area, including grass clippings, leaves, weeds, prunings, trimmings, limbs, tree limbs and stumps, etc. includes; cut flowers and house plants
Organic	FOOD: LOOSE	Vegetative and non-vegetative food waste and scraps. Includes vegetative food waste as well as bones, shells, husks, rinds, etc.; excludes food containers, except when container weight is not appreciable compared to the food inside and separation is not practical. Includes vitamins and supplements
Organic	FOOD: INTACT PACKAGING	Any food contained, unopened, in its original retail packaging; includes this category includes the weight of the unopened packaging
Organic	FOOD: OPEN PACKAGING	Any food contained in its original retail packaging that has been opened; includes discarded food scraps that may be contained in wraps, plastic bags or other containers that are not the original packaging. Food should be emptied from the packaging where feasible, though tightly-wrapped items may remain enclosed
Organic	FOOD: LIQUID	Includes the liquid contents of any beverage or non-solid food wastes (e.g. soup, salad dressing, etc.)
Organic	NON-Construction and Demolition (C&D): WOOD	Wood products not associated with C&D activities, such as furniture, popsicle sticks, chopsticks, wooden spoons, and other miscellaneous household wood products; includes clean, stained, painted and composite woods, wicker, and box springs
Organic	TEXTILES: NON-CLOTHING	Non-clothing fabrics made of rag stock fabric materials including natural and synthetic textiles such as cotton, wool, silk, woven nylon, rayon, and polyester; includes handbags, linens, draperies, tablecloths, nylon rope
Organic	TEXTILES: WOVEN BAGS	Reusable retail/grocery bags and totes
Organic	TEXTILES: CLOTHING - STRETCHY FABRIC (STRETCHY FABRIC)	Clothing textiles made of exceptionally stretchable fabric such as spandex, lycra, neoprene, and potentially nylon and other knits
Organic	TEXTILES: CLOTHING - NON-STRETCHY (NON-STRETCHY FABRIC)	Clothing textiles made of conventional fabric and not intended to be form fitting or exceptionally stretchy
Organic	BROADLOOM CARPET (CARPET/ UPHOLSTERY)	Flooring applications and non-rag stock textiles consisting of various natural or synthetic fibers bonded to some type of backing material often constructed and sold in 12 to 15-foot wide rolls and often called "wall-to-wall" carpet; includes traditional mattresses made of a combination of foam and metal coil construction with upholstered exterior
Organic	TILE CARPET (CARPET/ UPHOLSTERY)	Modular or tiled textile floor covering consisting of an upper layer of natural or synthetic fibers known as "pile" attached to a backing; tiles are generally square and designed to interlock with other tiles to cover broad areas such as offices, airports, hotels and convention centers

<b>Group</b>	<b>Category</b>	<b>Description</b>
Organic	OTHER CARPET (CARPET/ UPHOLSTERY)	Area rugs, accent/throw rugs, bathmats, and runners. Carpet Padding also belongs to this category.
Organic	SPRING MATTRESSES AND BOXSPRINGS (CARPET/ UPHOLSTERY)	Spring mattresses, or innerspring mattresses are a type of mattress which utilizes many metal springs as a means to provide the underlying support layer within; includes pocketed coils or spring style mattresses. Commonly also includes foam as a supplementary means of support, and mattress box springs, found with and without metal.
Organic	OTHER UPHOLSTERY (CARPET/ UPHOLSTERY)	All other upholstery that does not neatly fit into the above like categories; includes pillows, non-clothing fabric, and stuffed childrens toys.
Organic	DISPOSABLE DIAPERS & SANITARY PRODUCTS	Diapers and sanitary products made from a combination of fibers, synthetic, and/or natural, and made for the purpose of single use; includes disposable baby diapers, adult protective undergarments, and feminine hygiene products
Organic	ANIMAL BY-PRODUCTS	Animal carcasses not resulting from food storage or preparation, animal wastes, and kitty litter
Organic	SHOES/ RUBBER/ LEATHER	Finished products and scrap materials made of natural and synthetic rubber, such as bath mats, inner tubes, rubber hoses, foam rubber, tire pieces, latex gloves; leather jackets, belts, bags, purses; shoes, sneakers, sandals, and boots.
Organic	GARDEN HOSES	Plastic hoses like vacuum hoses will continue to be sorted in Other Plastic; aggregates to Shoes/Rubber/Leather
Organic	FINES	Small/fine particulate matter smaller than 1/2 inch screen
Organic	MISCELLANEOUS ORGANICS	Wax, bar soap, cigarette butts, briquettes, and fireplace, burn barrel and fire pit ash, vacuum cleaner bags and contents, sponges, and other organic materials not classified above; includes pet food and hair; includes mattresses and cushions made of urethane foam with upholstered exterior
Electronics	AUDIO/VISUAL EQUIPMENT (TV PERIPHERALS - COVERED)	VCRs, digital video recorders, DVD players, digital converter boxes, cable or satellite receivers, electronic or video game consoles
Electronics	AUDIO/VISUAL EQUIPMENT (NON-COVERED)	Radios, Stereos, Tape Decks, Cameras, GPS devices, Cell phones, Calculators
Electronics	COMPUTER MONITORS	Items other than televisions containing a cathode ray tube (CRT) such as computer monitors and laptops; includes flat screen monitors
Electronics	TELEVISIONS	Television sets containing a cathode ray tube (CRT) and flat screen TVs
Electronics	OTHER COMPUTER EQUIPMENT	Computer items not containing CRTs such as processors, mice and mouse pads, keyboards, and disk drives, cords and cables, portable devices (portable digital music player, tablet, e-readers etc.), printers, scanners, servers; includes both computer cords and regular extension cords.

<b>Group</b>	<b>Category</b>	<b>Description</b>
Constr. Debris	UNTREATED DIMENSION LUMBER, PALLETS, CRATES	Untreated, milled lumber commonly used in construction for framing and related uses, including 2 x 4's, 2 x 6's.
Constr. Debris	TREATED/CONTAMINATED/ COMPOSITE WOOD	Lumber and wood products that have been painted or treated so as to render them difficult to compost (with generally 50% or more of the surface area treated); includes painted and chemically treated lumber, plywood, strandboard, and particleboard; predominantly wood and lumber products that are mixed with other materials in such a way that they cannot easily be separated
Constr. Debris	OTHER CONSTRUCTION DEBRIS NOT ELSEWHERE CLASSIFIED	Construction debris (other than wood, plastic and metal) that cannot be classified elsewhere, and mixed fine building material scraps. Includes clean and painted gypsum drywall, fiberglass insulation, rock/concrete/bricks, asphaltic and other roofing, fixtures, etc.
Misc. IO	MISCELLANEOUS INORGANICS	Other inorganic materials not classified elsewhere. Includes ceramics. Includes full or partially full containers of non-hazardous cleaning & hygiene products; includes fabric softener sheets and water pitcher filters.
Misc. IO	FOAM MATTRESSES (MISC INORGANICS)	Flooring applications and non-rag stock textiles consisting of various natural or synthetic fibers bonded to some type of backing material often constructed and sold in 12- to 15-foot wide rolls and often called wall-to-wall carpet. Includes traditional mattresses made of a combination of foam and metal coil construction with upholstered exterior
HHW	OIL FILTERS	Metal oil filters used in cars and other automobiles
HHW	ANTIFREEZE	Self explanatory
HHW	WET-CELL BATTERIES	Wet-cell batteries of various sizes and types as commonly used in automobiles; includes lead-acid batteries
HHW	E-MOBILITY BATTERIES	Dry-cell batteries used for scooters, bicycles, and other motorized single user transportation
HHW	VAPE PENS	Vape cartridges typically composed of tank, atomizer, and battery pack.
HHW	RECHARGEABLE BATTERIES	Rechargeable dry-cell batteries including nickel-cadmium (NiCd), nickel-metal hydride (NiMH), lithium-ion (Li-Ion), lithium-ion polymer (LiPo), and rechargeable alkaline batteries
HHW	OTHER DRY-CELL BATTERIES	Dry-cell batteries not elsewhere specified. May be of various sizes and types as commonly used in households; includes cell phone and button cell batteries
HHW	WATER-BASED ADHESIVES/ GLUES	Water or Oil/resin/volatile solvent-based glues and adhesives, including epoxy, rubber cement, two-part glues and sealers, and auto body fillers
HHW	LATEX PAINT	Latex paint

<b>Group</b>	<b>Category</b>	<b>Description</b>
HHW	OIL-BASED PAINT/SOLVENT	Solvent-based paints, varnishes, and similar products; various solvents, including chlorinated and flammable solvents, paint strippers, solvents contaminated with other products such as paints, degreasers and some other cleaners if the primary ingredient
HHW	PESTICIDES/HERBICIDES/RODENTICIDES	Variety of poisons with the purpose of discouraging or killing insects, weeds, vermin, or microorganisms; fungicides and wood preservatives, such as pentachlorophenol, are also included
HHW	FLUORESCENT TUBES/CFLs	Fluorescent light tubes and compact fluorescent light bulbs (CFL)
HHW	MERCURY-LADEN WASTES	Thermostats, thermometers, and other items containing mercury
HHW	COMPRESSED GAS CYLINDERS, FIRE EXTINGUISHERS	Self explanatory
HHW	HOME MEDICAL PRODUCTS	Syringes, IV Bags, medical tubing
HHW	PHARMACEUTICALS	Both prescription and over-the-counter medications and supplements in all forms, including pills, liquid medications, creams, and ointments. Does not include containers for these items, except for tubes for creams and ointments and other containers that cannot be easily separated from the product they contain
HHW	OTHER POTENTIALLY HARMFUL WASTES	Caustic acids and bases whose primary purpose is to clean surfaces, unclog drains, or perform other actions; photography chemicals, chemistry sets; household disinfectants and pool chemicals; gasoline/diesel fuels; motor oils and automotive fluids not elsewhere classified; smoke detectors, explosives

### Detailed Categories

<b>Main Material Category</b>	<b>Subcategory</b>	<b>Definition</b>
Newspaper	Newspaper	Printed ground wood newsprint (Advertising "slicks" (glossy paper), if found mixed with newspaper; otherwise, ad slicks are included with mixed low-grade.)
Plain OCC/ Kraft Paper	Plain OCC/Kraft Paper	Old unwaxed/uncoated corrugated container boxes, and Kraft paper. Does not include paper bags
Plain OCC/ Kraft Paper	Paper Bags: Kraft Grocery	Kraft Grocery Bags (clean)
Plain OCC/ Kraft Paper	Paper Bags: Kraft Grocery (Labeled Compostable)	Kraft Grocery Bags (clean) - Labeled Compostable
Plain OCC/ Kraft Paper	Paper Bags: Non-food Retail	Non-food retail bags (clean): Larger size paper bags, often with handles, used by merchandise retailers

<b>Main Material Category</b>	<b>Subcategory</b>	<b>Definition</b>
Plain OCC/ Kraft Paper	Paper Bags: Non-food Retail (Labeled Compostable)	Non-food retail bags (clean): Larger size paper bags, often with handles, used by merchandise retailers - Labeled Compostable
High-Grade Paper	High-Grade Paper	White and lightly-colored bond, rag, or stationery grade paper. This includes white or lightly-colored sulfite/sulfate bond, copy papers, notebook paper, envelopes, continuous-feed sulfite/sulfate computer printouts and forms of all types, excluding carbonless copy paper
Mixed Low- Grade Paper	Mixed Low-Grade Paper	Includes junk mail, magazines, colored papers, bleached Kraft (excluding bags), boxboard, mailing tubes, carbonless copy paper, ground wood computer printouts, telephone directories, paperback books, hardcover books
Mixed Low- Grade Paper	Paper Bags: Food Service Take-out	Fast food bags (clean): Smaller bags typically used for fast food
Mixed Low- Grade Paper	Paper Bags: Food Service Take- out (Labeled Compostable)	Fast food bags (clean): Smaller bags typically used for fast food - Labeled Compostable
Mixed Low- Grade Paper	Paper Bags: Compostable/ Soiled	Heavily-soiled or moisture-contaminated bags of all types
Mixed Low- Grade Paper	Paper Bags: Compostable/ Soiled (Labeled Compostable)	Heavily-soiled or moisture-contaminated bags - Labeled Compostable
Compostable: Containers & Packaging	Compostable: Containers & Packaging - School Food Service	Takeout food trays used widely in the school system throughout the City
Compostable: Containers & Packaging	Compostable: Containers & Packaging - School Food Service (Labeled Compostable)	Takeout food trays used widely in the school system throughout the City - Labeled Compostable
Compostable: Containers & Packaging	Compostable: Containers & Packaging - Other Food Service	Other takeout food trays used in the food service industry made from compostable paper
Compostable: Containers & Packaging	Compostable: Containers & Packaging - Other Food Service (Labeled Compostable)	Other takeout food trays used in the food service industry made from compostable paper - Labeled Compostable
Compostable: Containers & Packaging	Compostable: Containers & Packaging - Retail Containers/ Packaging	Retail containers and packaging made from compostable paper
Compostable: Containers & Packaging	Compostable: Containers & Packaging - Retail Containers/ Packaging (Labeled Compostable)	Retail containers and packaging made from compostable paper - Labeled Compostable

Main Material Category	Subcategory	Definition
Compostable: Other Soiled Paper/Waxed OCC/Kraft	Compostable: Other Soiled Paper/Waxed OCC/Kraft	Waxed papers and cardboards, other papers that were soiled with food during use (e.g., pizza box inserts); paper towels, wipes and napkins; paper plates, platters, cups and bowls
Compostable: Other Soiled Paper/Waxed OCC/Kraft	Cups - Paper & Plastic: Wax coated/uncoated/unlined	Wax coated / uncoated / unlined: Capable of being composted at a commercial facility
Compostable: Other Soiled Paper/Waxed OCC/Kraft	Cups - Paper & Plastic: Wax coated/uncoated/unlined (Labeled Compostable)	Wax coated / uncoated / unlined: Capable of being composted at a commercial facility - Labeled Compostable
Other Non-recyclable Paper	Cups - Paper & Plastic: Lined/coated	Lined / coated: Not desirable at a compost facility; includes most hot beverage cups
Other Non-recyclable Paper	Cups - Paper & Plastic: Lined/coated (Labeled Compostable)	Lined / coated: Not desirable at a compost facility. Includes most hot beverage cups - Labeled Compostable
Other Non-recyclable Paper	Other Non-recyclable Paper	Polycoated frozen food and ice cream containers/packaging and other polycoated papers (excluding milk/juice cartons and aseptic packaging); paper with other materials attached (e.g. orange juice cans and spiral notebooks), and other non-recyclable papers such as carbon copy paper, label backing, and photographs; includes gypsum board tape rolls
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water cartons and aseptic boxes that do not have sugar or flavoring
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water cartons and aseptic boxes that do not have sugar or flavoring
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water cartons and aseptic boxes that have sugar and/or flavorings
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated non-alcoholic beverages in cartons or aseptic boxes (except water)

Main Material Category	Subcategory	Definition
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated non-alcoholic beverages in cartons or aseptic boxes (except water)
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Alcoholic Beverages: Beer/Malt Beverages	Beer or malt beverage in cartons or aseptic boxes
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Alcoholic Beverages: Wine Products	Wine products in cartons or aseptic boxes
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Alcoholic Beverages: Wine	Wine that is in a carton or aseptic box
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Alcoholic Beverages: Liquors	Liquors that are in carton or aseptic boxes
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Alcoholic Beverages: Hard Ciders	Hard ciders that are in cartons or aseptic boxes
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Nutritional Beverages: 100% Juice/ Vegetable	100% juices or vegetable juices that are in cartons or aseptic boxes
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Nutritional Beverages: Milk Products	Milk or milk products that are in cartons or aseptic boxes
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk products that are in cartons or aseptic boxes
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Large Format: > 1 Gallon	One gallon or greater beverage cartons and aseptic boxes
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Food	Cartons and aseptic boxes that store food items
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Non-Food	All other non-food cartons and aseptic boxes
Beverage Cartons & Aseptic Boxes	Beverage Cartons & Aseptic Boxes: Indistinguishable	Cartons and aseptic boxes that do not include food, non-food, alcoholic, or non-alcoholic categories

Main Material Category	Subcategory	Definition
Shredded Paper	Shredded Paper	All shredded paper that is contained in bags or is still relatively intact within the sample and can be manually separated in handfuls; this does not include loose, dispersed shredded paper which may end up in Fines, Compostable Paper, or Other Organics as part of the sample residual
Single-Use Plastics	Single Use: Cups - Paper & Plastic: #1 PET	Any single-use drinking cup made of # 1 PET plastic resin; this does not include yogurt/food cups
Single-Use Plastics	Single Use: Cups - Paper & Plastic: #2 HDPE Natural	Any single-use drinking cup made of non-pigmented # 2 HDPE resin; this does not include food/yogurt cups
Single-Use Plastics	Single Use: Cups - Paper & Plastic: #2 HDPE Pigmented	Any single-use drinking cup made of pigmented # 2 HDPE resin; this does not include yogurt/food cups
Single-Use Plastics	Single Use: Cups - Paper & Plastic: #3 PVC	Any single-use drinking cup made of #3 PVC plastic resin; this does not include yogurt/food cups
Single-Use Plastics	Single Use: Cups - Paper & Plastic: #4 LDPE/ LLDPE	Any single-use drinking cup made of #4 LDPE plastic resin; this does not include yogurt/food cups
Single-Use Plastics	Single Use: Cups - Paper & Plastic: #5 PP Rigid	Any single-use rigid drinking cup made of # 5 PP resin; this does not include yogurt/food cups
Single-Use Plastics	Single Use: Cups - Paper & Plastic: #5 PP Expanded	Does not exist
Single-Use Plastics	Single Use: Cups - Paper & Plastic: #6 PS Rigid	Any single-use drinking cup made of #6 PS plastic resin; does not include yogurt/food cups
Single-Use Plastics	Single Use: Cups - Paper & Plastic: #6 PS Expanded	Any single-use drinking cup made of #6 Expanded PS plastic resin; this does not include yogurt/food cups
Single-Use Plastics	Single Use: Cups - Paper & Plastic: #7 Other & Dual Numbered	Any single-use drinking cup labeled #7 Other plastic resin; does not include yogurt/food cups
Single-Use Plastics	Single Use: Cups - Paper & Plastic: Compostable	Any single-use drinking cup made of compostable plastic resin; this does not include yogurt/food cups
Single-Use Plastics	Single Use: Cups - Paper & Plastic: Unlabeled/ Indistinguishable	Any single-use drinking cup with an unlabeled or unspecified plastic resin; this does not include yogurt/food cups
Other Plastics Materials not Elsewhere Classified	Coffee Pods (K-Cups): Predominantly Plastic pods: #2 HDPE Pigmented - Black	Single-serve or single-portion coffee containers or pods; made of predominantly # 2HDPE black pigmented plastic
Other Plastics Materials not Elsewhere Classified	Coffee Pods (K-Cups): Predominantly Plastic pods: #2 HDPE Pigmented - Color	Single-serve or single-portion coffee containers or pods; made of predominantly # 2HDPE color pigmented plastic

Main Material Category	Subcategory	Definition
Other Plastics Materials not Elsewhere Classified	Coffee Pods (K-Cups): Predominantly Plastic pods: #5 PP - Black	Single-serve or single-portion coffee containers or pods; made of predominantly #5 PP black pigmented plastic
Other Plastics Materials not Elsewhere Classified	Coffee Pods (K-Cups): Predominantly Plastic pods: #5 PP - Color	Single-serve or single-portion coffee containers or pods; made of predominantly #5 PP color pigmented plastic
Other Plastics Materials not Elsewhere Classified	Coffee Pods (K-Cups): Predominantly Plastic pods: Other Plastic - Black	Single-serve or single-portion coffee containers or pods; made of unspecified black pigmented plastic
Other Plastics Materials not Elsewhere Classified	Coffee Pods (K-Cups): Predominantly Plastic pods: Other Plastic - Color	Single-serve or single-portion coffee containers or pods; made of unspecified color pigmented plastic
Mixed Metals	Coffee Pods (K-Cups): Predominantly Metal pods	Single-serve or single-portion containers or pods; made of predominantly metal material
Miscellaneous Organics	Coffee Pods (K-Cups): Compostable pods	Single-serve or single-portion containers or pods; made of predominantly compostable material
#1 PET Bottles - Clear & Green	#1 PET - Clear: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #1 PET translucent plastic that have no pigmentation (clear); does not contain sugar or flavorings
#1 PET Bottles - Clear & Green	#1 PET - Clear: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #1 PET translucent plastic that have no pigmentation (clear); does not contain sugar or flavorings
#1 PET Bottles - Clear & Green	#1 PET - Clear: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of #1 PET translucent plastic that have no pigmentation (clear); does contain sugar and/or flavorings
#1 PET Bottles - Clear & Green	#1 PET - Clear: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #1 PET translucent plastic that have no pigmentation (clear)
#1 PET Bottles - Clear & Green	#1 PET - Clear: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #1 PET translucent plastic that have no pigmentation (clear)
#1 PET Bottles - Clear & Green	#1 PET - Clear: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #1 PET translucent plastic that have no pigmentation (clear)
#1 PET Bottles - Clear & Green	#1 PET - Clear: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #1 PET translucent plastic that have no pigmentation (clear)

Main Material Category	Subcategory	Definition
#1 PET Bottles - Clear & Green	#1 PET - Clear: Alcoholic Beverages: Wine	Wine bottles or jars made of #1 PET translucent plastic that have no pigmentation (clear)
#1 PET Bottles - Clear & Green	#1 PET - Clear: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #1 PET translucent plastic that have no pigmentation (clear)
#1 PET Bottles - Clear & Green	#1 PET - Clear: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #1 PET translucent plastic that have no pigmentation (clear)
#1 PET Bottles - Clear & Green	#1 PET - Clear: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice product bottles or jars that are made of #1 PET translucent plastic that have no pigmentation (clear)
#1 PET Bottles - Clear & Green	#1 PET - Clear: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #1 PET translucent plastic that have no pigmentation (clear)
#1 PET Bottles - Clear & Green	#1 PET - Clear: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #1 PET translucent plastic that have no pigmentation (clear)
#1 PET Bottles - Clear & Green	#1 PET - Clear: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #1 PET translucent plastic that have no pigmentation (clear)
#1 PET Bottles - Clear & Green	#1 PET - Clear: Food	Food product bottles or jars that are made of #1 PET translucent plastic that have no pigmentation (clear)
#1 PET Bottles - Clear & Green	#1 PET - Clear: Non-Food	Non-food product bottles or jars that are made of #1 PET translucent plastic that have no pigmentation (clear)
#1 PET Bottles - Clear & Green	#1 PET - Clear: Indistinguishable	Indistinguishable #1 PET translucent bottles and jars that have no pigmentation (clear)
#1 PET Bottles - Clear & Green	#1 PET - Green: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #1 PET translucent plastic that are green colored does not contain sugar or flavorings
#1 PET Bottles - Clear & Green	#1 PET - Green: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #1 PET translucent plastic that are green colored; does not contain sugar or flavorings
#1 PET Bottles - Clear & Green	#1 PET - Green: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of #1 PET translucent plastic that are green colored; contains sugar and/or flavorings
#1 PET Bottles - Clear & Green	#1 PET - Green: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #1 PET translucent plastic that are green colored
#1 PET Bottles - Clear & Green	#1 PET - Green: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #1 PET translucent plastic that are green colored
#1 PET Bottles - Clear & Green	#1 PET - Green: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #1 PET translucent plastic that are green colored
#1 PET Bottles - Clear & Green	#1 PET - Green: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #1 PET translucent plastic that are green colored

Main Material Category	Subcategory	Definition
#1 PET Bottles - Clear & Green	#1 PET - Green: Alcoholic Beverages: Wine	Wine bottles or jars made of #1 PET translucent plastic that are green colored
#1 PET Bottles - Clear & Green	#1 PET - Green: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #1 PET translucent plastic that are green colored
#1 PET Bottles - Clear & Green	#1 PET - Green: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #1 PET translucent plastic that are green colored
#1 PET Bottles - Clear & Green	#1 PET - Green: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice product bottles or jars that are made of #1 PET translucent plastic that are green colored
#1 PET Bottles - Clear & Green	#1 PET - Green: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #1 PET translucent plastic that are green colored
#1 PET Bottles - Clear & Green	#1 PET - Green: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #1 PET translucent plastic that are green colored
#1 PET Bottles - Clear & Green	#1 PET - Green: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #1 PET translucent plastic that are green colored
#1 PET Bottles - Clear & Green	#1 PET - Green: Food	Food product bottles or jars that are made of #1 PET translucent plastic that are green colored
#1 PET Bottles - Clear & Green	#1 PET - Green: Non-Food	Non-food product bottles or jars that are made of #1 PET translucent plastic that are green colored
#1 PET Bottles - Clear & Green	#1 PET - Green: Indistinguishable	Indistinguishable #1 PET translucent bottles and jars that are green colored
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation; does not contain sugar or flavorings
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation; does not contain sugar or flavorings
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water containers that are made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation; contains sugar and/or flavorings
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation

Main Material Category	Subcategory	Definition
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Alcoholic Beverages: Wine	Wine bottles or jars made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice product bottles or jars that are made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Food	Food product bottles or jars that are made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Non-Food	Non-food product bottles or jars that are made of #1 PET plastic that are not clear or green, including translucent and opaque pigmentation
#1 PET Bottles - All Other Colors	#1 PET - Other/Opaque: Indistinguishable	Indistinguishable #1 PET bottles and jars that are not clear or green, including translucent and opaque pigmentation
#1 PET Bottles - All Other Colors	#1 PET - Black: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #1 PET plastic that are black; does not contain sugar or flavorings
#1 PET Bottles - All Other Colors	#1 PET - Black: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #1 PET plastic that are black; does not contain sugar or flavorings

<b>Main Material Category</b>	<b>Subcategory</b>	<b>Definition</b>
#1 PET Bottles - All Other Colors	#1 PET - Black: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of #1 PET plastic that black. These do contain sugar and/or flavorings
#1 PET Bottles - All Other Colors	#1 PET - Black: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #1 PET plastic that are black
#1 PET Bottles - All Other Colors	#1 PET - Black: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #1 PET plastic that are black
#1 PET Bottles - All Other Colors	#1 PET - Black: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #1 PET plastic that are black
#1 PET Bottles - All Other Colors	#1 PET - Black: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #1 PET plastic that are black
#1 PET Bottles - All Other Colors	#1 PET - Black: Alcoholic Beverages: Wine	Wine bottles or jars made of #1 PET plastic that are black
#1 PET Bottles - All Other Colors	#1 PET - Black: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #1 PET plastic that are black
#1 PET Bottles - All Other Colors	#1 PET - Black: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #1 PET plastic that are black
#1 PET Bottles - All Other Colors	#1 PET - Black: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice product bottles or jars that are made of #1 PET plastic that are black
#1 PET Bottles - All Other Colors	#1 PET - Black: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #1 PET plastic that are black
#1 PET Bottles - All Other Colors	#1 PET - Black: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #1 PET plastic that are black
#1 PET Bottles - All Other Colors	#1 PET - Black: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #1 PET plastic that are black
#1 PET Bottles - All Other Colors	#1 PET - Black: Food	Food product bottles or jars that are made of #1 PET plastic that are black

Main Material Category	Subcategory	Definition
#1 PET Bottles - All Other Colors	#1 PET - Black: Non-Food	Non-food product bottles or jars that are made of #1 PET plastic that are black
#1 PET Bottles - All Other Colors	#1 PET - Black: Indistinguishable	Indistinguishable #1 PET bottles and jars that are not black
#2 HDPE Natural Bottles	#2 HDPE - Natural: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #2 HDPE plastic; does not contain sugar or flavorings
#2 HDPE Natural Bottles	#2 HDPE - Natural: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #2 HDPE plastic. These do not contain sugar or flavorings
#2 HDPE Natural Bottles	#2 HDPE - Natural: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of #2 HDPE plastic; contains sugar and/or flavorings
#2 HDPE Natural Bottles	#2 HDPE - Natural: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #2 HDPE plastic
#2 HDPE Natural Bottles	#2 HDPE - Natural: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #2 HDPE plastic
#2 HDPE Natural Bottles	#2 HDPE - Natural: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #2 HDPE plastic
#2 HDPE Natural Bottles	#2 HDPE - Natural: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #2 HDPE plastic
#2 HDPE Natural Bottles	#2 HDPE - Natural: Alcoholic Beverages: Wine	Wine bottles or jars made of #2 HDPE plastic
#2 HDPE Natural Bottles	#2 HDPE - Natural: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #2 HDPE plastic
#2 HDPE Natural Bottles	#2 HDPE - Natural: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #2 HDPE plastic
#2 HDPE Natural Bottles	#2 HDPE - Natural: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice product bottles or jars that are made of #2 HDPE plastic
#2 HDPE Natural Bottles	#2 HDPE - Natural: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #2 HDPE plastic
#2 HDPE Natural Bottles	#2 HDPE - Natural: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #2 HDPE plastic

Main Material Category	Subcategory	Definition
#2 HDPE Natural Bottles	#2 HDPE - Natural: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #2 HDPE plastic
#2 HDPE Natural Bottles	#2 HDPE - Natural: Food	Food product bottles or jars that are made of #2 HDPE plastic
#2 HDPE Natural Bottles	#2 HDPE - Natural: Non-Food	Non-food product bottles or jars that are made of #2 HDPE plastic
#2 HDPE Natural Bottles	#2 HDPE - Natural: Indistinguishable	All other Indistinguishable #2 HDPE plastic bottles and jars
#3-#7 & Unlabeled Bottles	Compostable: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	Compostable: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	Compostable: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable; contains sugar and/or flavorings
#3-#7 & Unlabeled Bottles	Compostable: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable
#3-#7 & Unlabeled Bottles	Compostable: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable
#3-#7 & Unlabeled Bottles	Compostable: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable
#3-#7 & Unlabeled Bottles	Compostable: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable
#3-#7 & Unlabeled Bottles	Compostable: Alcoholic Beverages: Wine	Wine bottles or jars made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable
#3-#7 & Unlabeled Bottles	Compostable: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable
#3-#7 & Unlabeled Bottles	Compostable: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable
#3-#7 & Unlabeled Bottles	Compostable: Nutritional Beverages: 100% Juice/Vegetable	100% juice or vegetable juice product bottles or jars that are made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable

Main Material Category	Subcategory	Definition
#3-#7 & Unlabeled Bottles	Compostable: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable
#3-#7 & Unlabeled Bottles	Compostable: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable
#3-#7 & Unlabeled Bottles	Compostable: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable
#3-#7 & Unlabeled Bottles	Compostable: Food	Food product bottles or jars that are made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable
#3-#7 & Unlabeled Bottles	Compostable: Non-Food	Non-food product bottles or jars that are made of #3, #4, #5, #6 or #7 Other resin plastic that are labeled compostable
#3-#7 & Unlabeled Bottles	Compostable: Indistinguishable	All other Indistinguishable #3, #4, #5, #6 or #7 Other resin plastic bottles and jars that are labeled compostable
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of unspecified or unlabeled resin plastic; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of unspecified or unlabeled resin plastic; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of unspecified or unlabeled resin plastic; contains sugar and/or flavorings
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of unspecified or unlabeled resin plastic
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of unspecified or unlabeled resin plastic
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of unspecified or unlabeled resin plastic

Main Material Category	Subcategory	Definition
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of unspecified or unlabeled resin plastic
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Alcoholic Beverages: Wine	Wine bottles or jars made of unspecified or unlabeled resin plastic
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Alcoholic Beverages: Liquors	Liquor bottles or jars made of unspecified or unlabeled resin plastic
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of unspecified or unlabeled resin plastic
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice product bottles or jars that are made of unspecified or unlabeled resin plastic
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of unspecified or unlabeled resin plastic
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of unspecified or unlabeled resin plastic
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of unspecified or unlabeled resin plastic
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Food	Food product bottles or jars that are made of unspecified or unlabeled resin plastic
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Non-Food	Non-food product bottles or jars that are made of unspecified or unlabeled resin plastic
#3-#7 & Unlabeled Bottles	Unlabeled/ Indistinguishable: Indistinguishable	All other unspecified or unlabeled resin plastic bottles and jars
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #2 HDPE pigmented or colored plastic; does not contain sugar or flavorings
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #2 HDPE pigmented or colored plastic; does not contain sugar or flavorings

Main Material Category	Subcategory	Definition
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of #2 HDPE pigmented or colored plastic; contains sugar and/or flavorings
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #2 HDPE pigmented or colored plastic
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #2 HDPE pigmented or colored plastic
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #2 HDPE pigmented or colored plastic
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #2 HDPE pigmented or colored plastic
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Alcoholic Beverages: Wine	Wine bottles or jars made of #2 HDPE pigmented or colored plastic
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #2 HDPE pigmented or colored plastic
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #2 HDPE pigmented or colored plastic
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice product bottles or jars that are made of #2 HDPE pigmented or colored plastic
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #2 HDPE pigmented or colored plastic
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #2 HDPE pigmented or colored plastic
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #2 HDPE pigmented or colored plastic
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Food	Food product bottles or jars that are made of #2 HDPE pigmented or colored plastic
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Non-Food	Non-food product bottles or jars that are made of #2 HDPE pigmented or colored plastic
#2 HDPE Colored Bottles	#2 HDPE - Pigmented: Indistinguishable	All other Indistinguishable #2 HDPE pigmented or colored plastic bottles and jars
#2 HDPE Colored Bottles	#2 HDPE - Black: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #2 HDPE plastic that are black; does not contain sugar or flavorings

Main Material Category	Subcategory	Definition
#2 HDPE Colored Bottles	#2 HDPE - Black: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #2 HDPE plastic that are black; does not contain sugar or flavorings
#2 HDPE Colored Bottles	#2 HDPE - Black: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of #2 HDPE plastic that are black; does contain sugar and/or flavorings
#2 HDPE Colored Bottles	#2 HDPE - Black: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #2 HDPE plastic that are black
#2 HDPE Colored Bottles	#2 HDPE - Black: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #2 HDPE plastic that are black
#2 HDPE Colored Bottles	#2 HDPE - Black: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #2 HDPE plastic that are black
#2 HDPE Colored Bottles	#2 HDPE - Black: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #2 HDPE plastic that are black
#2 HDPE Colored Bottles	#2 HDPE - Black: Alcoholic Beverages: Wine	Wine bottles or jars made of #2 HDPE plastic that are black
#2 HDPE Colored Bottles	#2 HDPE - Black: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #2 HDPE plastic that are black
#2 HDPE Colored Bottles	#2 HDPE - Black: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #2 HDPE plastic that are black
#2 HDPE Colored Bottles	#2 HDPE - Black: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice product bottles or jars that are made of #2 HDPE plastic that are black
#2 HDPE Colored Bottles	#2 HDPE - Black: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #2 HDPE plastic that are black
#2 HDPE Colored Bottles	#2 HDPE - Black: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #2 HDPE plastic that are black
#2 HDPE Colored Bottles	#2 HDPE - Black: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #2 HDPE plastic that are black
#2 HDPE Colored Bottles	#2 HDPE - Black: Food	Food product bottles or jars that are made of #2 HDPE plastic that are black
#2 HDPE Colored Bottles	#2 HDPE - Black: Non-Food	Non-food product bottles or jars that are made of #2 HDPE plastic that are black
#2 HDPE Colored Bottles	#2 HDPE - Black: Indistinguishable	All other Indistinguishable #2 HDPE plastic bottles and jars that are black
#3-#7 & Unlabeled Bottles	#3 PVC: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #3 PVC; does not contain sugar or flavorings

Main Material Category	Subcategory	Definition
#3-#7 & Unlabeled Bottles	#3 PVC: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #3 PVC plastic; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	#3 PVC: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of #3 PVC plastic; contains sugar and/or flavorings
#3-#7 & Unlabeled Bottles	#3 PVC: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #3 PVC plastic
#3-#7 & Unlabeled Bottles	#3 PVC: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #3 PVC plastic
#3-#7 & Unlabeled Bottles	#3 PVC: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #3 PVC plastic
#3-#7 & Unlabeled Bottles	#3 PVC: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #3 PVC plastic
#3-#7 & Unlabeled Bottles	#3 PVC: Alcoholic Beverages: Wine	Wine bottles or jars made of #3 PVC plastic
#3-#7 & Unlabeled Bottles	#3 PVC: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #3 PVC plastic
#3-#7 & Unlabeled Bottles	#3 PVC: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #3 PVC plastic
#3-#7 & Unlabeled Bottles	#3 PVC: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice product bottles or jars that are made of #3 PVC plastic
#3-#7 & Unlabeled Bottles	#3 PVC: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #3 PVC plastic
#3-#7 & Unlabeled Bottles	#3 PVC: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #3 PVC plastic
#3-#7 & Unlabeled Bottles	#3 PVC: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #3 PVC plastic

Main Material Category	Subcategory	Definition
#3-#7 & Unlabeled Bottles	#3 PVC: Food	Food product bottles or jars that are made of #3 PVC plastic
#3-#7 & Unlabeled Bottles	#3 PVC: Non-Food	Non-food product bottles or jars that are made of #3 PVC plastic. Primarily cleaning products, soaps, or shampoos
#3-#7 & Unlabeled Bottles	#3 PVC: Indistinguishable	All other Indistinguishable #3 PVC plastic bottles and jars
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #4 LDPE/ LLDPE; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #4 LDPE/ LLDPE plastic; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of #4 LDPE/ LLDPE plastic; contains sugar and/or flavorings
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #4 LDPE/ LLDPE plastic
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #4 LDPE/ LLDPE plastic
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #4 LDPE/ LLDPE plastic
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #4 LDPE/ LLDPE plastic
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Alcoholic Beverages: Wine	Wine bottles or jars made of #4 LDPE/ LLDPE plastic
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #4 LDPE/ LLDPE plastic
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #4 LDPE/ LLDPE plastic

Main Material Category	Subcategory	Definition
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice product bottles or jars that are made of #4 LDPE/ LLDPE plastic
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #4 LDPE/ LLDPE plastic
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #4 LDPE/ LLDPE plastic
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #4 LDPE/ LLDPE plastic
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Food	Food product bottles or jars that are made of #4 LDPE/ LLDPE plastic. Examples include some childrens' squeeze bottles
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Non-Food	Non-food product bottles or jars that are made of #4 LDPE/ LLDPE plastic. Examples include some saline and medical rinse bottles
#3-#7 & Unlabeled Bottles	#4 LDPE/ LLDPE: Indistinguishable	All other Indistinguishable #4 LDPE/ LLDPE plastic bottles and jars
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #5 PP Rigid plastic; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #5 PP Rigid plastic; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of #5 PP Rigid plastic; contains sugar and/or flavorings
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #5 PP Rigid plastic
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #5 PP Rigid plastic
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #5 PP Rigid plastic

Main Material Category	Subcategory	Definition
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #5 PP Rigid plastic
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Alcoholic Beverages: Wine	Wine bottles or jars made of #5 PP Rigid plastic
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #5 PP Rigid plastic
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #5 PP Rigid plastic
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice product bottles or jars that are made of #5 PP Rigid plastic
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #5 PP Rigid plastic
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #5 PP Rigid plastic
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #5 PP Rigid plastic
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Food	Food product bottles or jars that are made of #5 PP Rigid plastic
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Non-Food	Non-food product bottles or jars that are made of #5 PP Rigid plastic
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Non-black: Indistinguishable	All other Indistinguishable #5 PP Rigid plastic bottles and jars
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #5 PP Rigid plastic that are black; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #5 PP Rigid plastic that are black; does not contain sugar or flavorings

Main Material Category	Subcategory	Definition
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of #5 PP Rigid plastic that are black; contains sugar and/or flavorings
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #5 PP Rigid plastic that are black
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #5 PP Rigid plastic that are black
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #5 PP Rigid plastic that are black
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #5 PP Rigid plastic that are black
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Alcoholic Beverages: Wine	Wine bottles or jars made of #5 PP Rigid plastic that are black
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #5 PP Rigid plastic that are black
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #5 PP Rigid plastic that are black
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice product bottles or jars that are made of #5 PP Rigid plastic that are black
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #5 PP Rigid plastic that are black
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #5 PP Rigid plastic that are black
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #5 PP Rigid plastic that are black
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Food	Food product bottles or jars that are made of #5 PP Rigid plastic that are black

Main Material Category	Subcategory	Definition
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Non-Food	Non-food product bottles or jars that are made of #5 PP Rigid plastic that are black
#3-#7 & Unlabeled Bottles	#5 PP Rigid - Black: Indistinguishable	All other Indistinguishable #5 PP Rigid plastic bottles and jars that are black
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #6 PS Rigid plastic; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #6 PS Rigid plastic; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of #6 PS Rigid plastic; contains sugar and/or flavorings
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #6 PS Rigid plastic
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #6 PS Rigid plastic
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #6 PS Rigid plastic
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #6 PS Rigid plastic
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Alcoholic Beverages: Wine	Wine bottles or jars made of #6 PS Rigid plastic
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #6 PS Rigid plastic
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #6 PS Rigid plastic
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Nutritional Beverages: 100% Juice/Vegetable	100% juice or vegetable juice product bottles or jars that are made of #6 PS Rigid plastic

Main Material Category	Subcategory	Definition
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #6 PS Rigid plastic
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #6 PS Rigid plastic
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #6 PS Rigid plastic
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Food	Food product bottles or jars that are made of #6 PS Rigid plastic
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Non-Food	Non-food product bottles or jars that are made of #6 PS Rigid plastic
#3-#7 & Unlabeled Bottles	#6 PS Rigid: Indistinguishable	All other Indistinguishable #6 PS Rigid plastic bottles and jars
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water bottles or jars that are made of #7 Other plastic and bottles with two resin codes; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water bottles or jars that are made of #7 Other plastic and bottles with two resin codes; does not contain sugar or flavorings
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water bottles or jars that are made of #7 Other plastic and bottles with two resin codes; does not contain sugar and/or flavorings
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage bottles or jars (except water) that are made of #7 Other plastic and bottles with two resin codes
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage bottles or jars (except water) that are made of #7 Other plastic and bottles with two resin codes
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage bottles or jars made of #7 Other plastic and bottles with two resin codes
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Alcoholic Beverages: Wine Products	Wine product bottles or jars made of #7 Other plastic and bottles with two resin codes

Main Material Category	Subcategory	Definition
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Alcoholic Beverages: Wine	Wine bottles or jars made of #7 Other plastic and bottles with two resin codes
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Alcoholic Beverages: Liquors	Liquor bottles or jars made of #7 Other plastic and bottles with two resin codes
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Alcoholic Beverages: Hard Ciders	Hard cider bottles or jars made of #7 Other plastic and bottles with two resin codes
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice product bottles or jars that are made of #7 Other plastic and bottles with two resin codes
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Nutritional Beverages: Milk Products	Milk or milk product bottles or jars that are made of #7 Other plastic and bottles with two resin codes
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product bottles or jars that are made of #7 Other plastic and bottles with two resin codes
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Large Format: > 1 Gallon	One gallon or greater product bottles or jars that are made of #7 Other plastic and bottles with two resin codes
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Food	Food product bottles or jars that are made of #7 Other plastic and bottles with two resin codes
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Non-Food	Non-food product bottles or jars that are made of #7 Other plastic and bottles with two resin codes
#3-#7 & Unlabeled Bottles	#7 Other & Dual Numbered: Indistinguishable	All other Indistinguishable #7 Other plastic and bottles with two resin codes
Thermoforms	Thermoforms - Non-black: #1 PET	Thermoform trays labeled with a #1 PET resin code. Examples include produce trays, clamshells, and other packaging, typically used for grocery items made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Non-black: #2 HDPE Natural	Thermoform trays labeled with a #2 HDPE resin code and made of non-pigmented high-density polyethylene. Examples include produce trays, clamshells, and other packaging, typically used for grocery items made by press-molding a flat sheet of plastic

Main Material Category	Subcategory	Definition
Thermoforms	Thermoforms - Non-black: #2 HDPE Pigmented	Thermoform trays labeled with a #2 HDPE resin code and made of pigmented high-density polyethylene. Examples include produce trays, clamshells, and other packaging, typically used for grocery items made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Non-black: #3 PVC	Thermoform trays labeled with a #3 PVC resin code, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Non-black: #4 LDPE/ LLDPE	Thermoform trays labeled with a #4 LDPE/ LLDPE resin code, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Non-black: #5 PP Rigid	Thermoform trays labeled with a #5 PP resin code, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Non-black: #5 PP Expanded	Does not exist
Thermoforms	Thermoforms - Non-black: #6 PS Rigid	Thermoform trays labeled with a #6 PS resin code, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Non-black: #6 PS Expanded	Thermoform trays labeled with a #6 Expanded PS resin code, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Non-black: #7 Other & Dual Numbered	Thermoform trays labeled with a #7 Other resin code, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Non-black: Compostable	Thermoform trays that are labeled as compostable, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Non-black: Unlabeled/ Indistinguishable	All other thermoform trays that are unlabeled, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Black: #1 PET	Thermoform trays labeled with a #1 PET resin code that are black. Examples include produce trays, clamshells, and other packaging, typically used for grocery items made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Black: #2 HDPE Natural	Thermoform trays labeled with a #2 HDPE resin code that are black and made of non-pigmented high-density polyethylene. Examples include produce trays, clamshells, and other packaging, typically used for grocery items made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Black: #2 HDPE Pigmented	Thermoform trays labeled with a #2 HDPE resin code that are black and made of pigmented high-density polyethylene. Examples include produce trays, clamshells, and other packaging, typically used for grocery items made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Black: #3 PVC	Thermoform trays labeled with a #3 PVC resin code that are black, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Black: #4 LDPE/ LLDPE	Thermoform trays labeled with a #4 LDPE/ LLDPE resin code that are black, made by press-molding a flat sheet of plastic

Main Material Category	Subcategory	Definition
Thermoforms	Thermoforms - Black: #5 PP Rigid	Thermoform trays labeled with a #5 PP resin code that are black, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Black: #5 PP Expanded	Does not exist
Thermoforms	Thermoforms - Black: #6 PS Rigid	Thermoform trays labeled with a #6 PS resin code that are black, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Black: #6 PS Expanded	Thermoform trays labeled with a #6 Expanded PS resin code that are black, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Black: #7 Other & Dual Numbered	Thermoform trays labeled with a #7 Other resin code that are black, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Black: Compostable	Thermoform trays that are black and labeled as compostable, made by press-molding a flat sheet of plastic
Thermoforms	Thermoforms - Black: Unlabeled/Indistinguishable	All other thermoform trays that are black and unlabeled, made by press-molding a flat sheet of plastic
Other PVC	Other PVC	White plumbing pipe, identifiable PVC packaging other than PVC bottles/tubs
Tubs & Lids	Tubs and Lids - Non-black: #1 PET	Injection molded wide-mouthed tubs without a neck, of a #1 PET resin type. Includes lids to the tubs; includes plastic bottle caps, and pill bottles
Tubs & Lids	Tubs and Lids - Non-black: #2 HDPE Natural	Injection molded wide mouth tubs without a neck, such as cottage cheese and margarine, of a non-pigmented #2 HDPE resin type. Includes lids to the tubs; includes plastic bottle caps, and pill bottles
Tubs & Lids	Tubs and Lids - Non-black: #2 HDPE Pigmented	Injection molded wide-mouthed tubs without a neck, of a pigmented #2 HDPE resin type; includes lids to the tubs, plastic bottle caps, and pill bottles
Tubs & Lids	Tubs and Lids - Non-black: #3 PVC	Injection molded wide-mouthed tubs without a neck, of a #3 PVC resin type; includes lids to the tubs
Tubs & Lids	Tubs and Lids - Non-black: #4 LDPE/ LLDPE	Injection molded wide-mouthed tubs without a neck, of a #4 LDPE resin type; includes lids to the tubs
Tubs & Lids	Tubs and Lids - Non-black: #5 PP Rigid	Injection molded wide-mouthed tubs without a neck, of a rigid #5 PP resin type; includes lids to the tubs, plastic bottle caps, and pill bottles
Tubs & Lids	Tubs and Lids - Non-black: #5 PP Expanded	Does not exist
Tubs & Lids	Tubs and Lids - Non-black: #6 PS Rigid	Injection molded wide-mouthed tubs without a neck, of a rigid #6 PS resin type; includes lids to the tubs, plastic bottle caps, and pill bottles

Main Material Category	Subcategory	Definition
Tubs & Lids	Tubs and Lids - Non-black: #6 PS Expanded	Injection molded wide-mouthed tubs without a neck, of a rigid #6 Expanded PS resin type; includes lids to the tubs, plastic bottle caps, and pill bottles
Tubs & Lids	Tubs and Lids - Non-black: #7 Other & Dual Numbered	Injection molded wide-mouthed tubs without a neck, labeled a #7 Other resin type; includes lids to the tubs
Tubs & Lids	Tubs and Lids - Non-black: Compostable	Injection molded wide-mouthed tubs without a neck, such as cottage cheese and margarine, of a compostable resin type; includes lids to the tubs
Tubs & Lids	Tubs and Lids - Non-black: Unlabeled/ Indistinguishable	Injection molded wide-mouthed tubs without a neck, unlabeled or unspecified resin type; includes lids to the tubs
Tubs & Lids	Tubs and Lids - Black: #1 PET	Injection molded wide-mouthed black tubs without a neck, of a #1 PET resin type. Includes lids to the tubs, plastic bottle caps, and pill bottles
Tubs & Lids	Tubs and Lids - Black: #2 HDPE Natural	Injection molded wide-mouthed black tubs without a neck, of a non-pigmented #2 HDPE resin type. Includes lids to the tubs, plastic bottle caps, and pill bottles
Tubs & Lids	Tubs and Lids - Black: #2 HDPE Pigmented	Injection molded wide-mouthed black tubs without a neck, of a pigmented #2 HDPE resin type. Includes lids to the tubs, plastic bottle caps, and pill bottles
Tubs & Lids	Tubs and Lids - Black: #3 PVC	Injection molded wide-mouthed black tubs without a neck, of a #3 PVC resin type; includes lids to the tubs
Tubs & Lids	Tubs and Lids - Black: #4 LDPE/ LLDPE	Injection molded wide-mouthed black tubs without a neck, of a #4 LDPE resin type. Includes lids to the tubs
Tubs & Lids	Tubs and Lids - Black: #5 PP Rigid	Injection molded wide-mouthed black tubs without a neck, of a rigid #5 PP resin type; includes lids to the tubs, plastic bottle caps, and pill bottles
Tubs & Lids	Tubs and Lids - Black: #5 PP Expanded	Does not exist
Tubs & Lids	Tubs and Lids - Black: #6 PS Rigid	Injection molded wide-mouthed black tubs without a neck, of a rigid #6 PS resin type; includes lids to the tubs, plastic bottle caps, and pill bottles

Main Material Category	Subcategory	Definition
Tubs & Lids	Tubs and Lids - Black: #6 PS Expanded	Injection molded wide-mouthed black tubs without a neck, of a rigid #6 Expanded PS resin type; includes lids to the tubs, plastic bottle caps, and pill bottles
Tubs & Lids	Tubs and Lids - Black: #7 Other & Dual Numbered	Injection molded wide-mouthed black tubs without a neck, labeled a #7 Other resin type. Includes lids to the tubs
Tubs & Lids	Tubs and Lids - Black: Compostable	Injection molded wide-mouthed black tubs without a neck, such as cottage cheese and margarine, of a compostable resin type. Includes lids to the tubs
Tubs & Lids	Tubs and Lids - Black: Unlabeled/ Indistinguishable	Injection molded wide-mouthed black tubs without a neck, such as cottage cheese and margarine, unlabeled or unspecified resin type. Includes lids to the tubs
#6 Expanded Polystyrene Containers & Packaging (EPS)	#6 Expanded Polystyrene Containers & Packaging (EPS): Food Packaging	Includes #6 EPS trays used for packaging and/or shelf display of meats and groceries
#6 Expanded Polystyrene Containers & Packaging (EPS)	#6 Expanded Polystyrene Containers & Packaging (EPS): Non-Food Packaging	Includes #6 packaging made of expanded polystyrene, excluding all packaging used for food items
Single-Use Plastics	Single-Use: #6 Expanded Polystyrene Containers & Packaging (EPS): Plates/ Bowls	#6 EPS plates, bowls, and platters, but excludes cups and clamshells
Single-Use Plastics	Single-Use: #6 Expanded Polystyrene Containers & Packaging (EPS): Clamshells	#6 EPS clamshell take-out containers
#1-#7 Other Rigid Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Non-black: #1 PET	#1 PET containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Non-black: #2 HDPE Natural	#2 HDPE translucent containers and packaging, including containers of all types, toothpaste tubes, plastic spools, and empty tubes of caulk
#1-#7 Other Rigid Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Non-black: #2 HDPE Pigmented	#2 HDPE colored or opaque containers and packaging, including containers of all types, toothpaste tubes, and plastic spools

Main Material Category	Subcategory	Definition
#1-#7 Other Rigid Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Non-black: #3 PVC	#3 PVC containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Non-black: #4 LDPE/ LLDPE	#4 LDPE/LLDPE containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Non-black: #5 PP Rigid	#5 PP rigid containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Non-black: #5 PP Expanded	#5 PP rigid containers and packaging molded with air pockets, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Non-black: #6 PS Rigid	#6 PS rigid containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Non-black: #6 PS Expanded	#6 Expanded PS rigid containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Non-black: #7 Other & Dual-Numbered	#7 Other and Dual-Numbered containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Non-black: Compostable	Compostable containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Non-black: Unlabeled/ Indistinguishable	Unlabeled or unspecified containers and packaging, including containers of all types, toothpaste tubes, plastic spools, and, includes empty tubes of caulk
#1-#7 Other Rigid Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Black: #1 PET	#1 PET black containers and packaging, including containers of all types, toothpaste tubes, and plastic spools

Main Material Category	Subcategory	Definition
#1-#7 Other Rigid Containers/Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Black: #2 HDPE Natural	#2 HDPE black translucent containers and packaging, including containers of all types, toothpaste tubes, plastic spools, and empty tubes of caulk
#1-#7 Other Rigid Containers/Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Black: #2 HDPE Pigmented	#2 HDPE black or opaque containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Black: #3 PVC	#3 PVC black containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Black: #4 LDPE/ LLDPE	#4 LDPE/LLDPE black containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Black: #5 PP Rigid	#5 PP rigid black containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Black: #5 PP Expanded	#5 PP black containers and packaging molded with air pockets, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Black: #6 PS Rigid	#6 PP rigid black containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Black: #6 PS Expanded	#6 PS Expanded black containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Black: #7 Other & Dual Numbered	Labeled #7 Other black containers and packaging, including containers of all types, toothpaste tubes, and plastic spools
#1-#7 Other Rigid Containers/Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Black: Compostable	Compostable black containers and packaging, including containers of all types, toothpaste tubes, and plastic spools

Main Material Category	Subcategory	Definition
#1-#7 Other Rigid Containers/Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Black: Unlabeled/ Indistinguishable	Unlabeled or unspecified black containers and packaging, including containers of all types, toothpaste tubes, plastic spools, and empty tubes of caulk
#1-#7 Other Rigid Containers/Containers/ Packaging	#1-#7 Other Rigid Containers/ Packaging - Small Format: Unlabeled/ Indistinguishable	Unlabeled or unspecified black small-format containers and packaging, including containers of all types.
Film: Retail Bags & Sleeves	Film: Retail Bags & Sleeves - Grocery/Merchandise Bags: Single resin PE	Plastic bags given to customers by any retail establishment for transporting purchased goods made out of #2 HDPE or #4 LDPE / LLDPE resin plastic. Does not include garbage bags, baggies or Ziploc bags; or bags heavily-soiled with food
Film: Retail Bags & Sleeves	Film: Retail Bags & Sleeves - Grocery/Merchandise Bags: Single resin PP	Plastic bags given to customers by any retail establishment for transporting purchased goods made out of any other plastic resin except #2 or #4. Does not include garbage bags, baggies or zippered plastic bags; or bags heavily-soiled with food
Film: Retail Bags & Sleeves	Film: Retail Bags & Sleeves - Grocery/Merchandise Bags: Compostable film	Plastic bags given to customers by any retail establishment for transporting purchased goods, including labeled grocery and merchandise film bags that are labeled compostable. Does not include garbage bags, baggies, or zipper storage bags; or bags heavily-soiled with food
Film: Retail Bags & Sleeves	Film: Retail Bags & Sleeves - Grocery/Merchandise Bags: Other/ Indistinguishable film	Plastic bags given to customers by any retail establishment for transporting purchased goods, including labeled grocery and merchandise film bags. Does not include garbage bags, baggies, or zipper storage bags; or bags heavily-soiled with food
Film: Retail Bags & Sleeves	Film: Retail Bags & Sleeves - Produce Bags: Single resin PE	Plastic bags given to customers by any retail establishment for transporting fresh produce made out of #2 HDPE or #4 LDPE / LLDPE resin plastic. Does not include garbage bags, baggies or zippered plastic bags; or bags heavily-soiled with food
Film: Retail Bags & Sleeves	Film: Retail Bags & Sleeves - Produce Bags: Single resin PP	Plastic bags given to customers by any retail establishment for transporting fresh produce that are made out of plastic resin except #2 or #4. Does not include garbage bags, baggies or zipper storage bags; or bags heavily-soiled with food
Film: Retail Bags & Sleeves	Film: Retail Bags & Sleeves - Produce Bags: Compostable film	Plastic bags given to customers by any retail establishment for transporting purchased goods, including labeled grocery and merchandise film bags labeled compostable
Film: Retail Bags & Sleeves	Film: Retail Bags & Sleeves - Produce Bags: Other/ Indistinguishable film	Plastic bags given to customers by any retail establishment for transporting fresh produce. Does not include garbage cans, baggies, or zipper storage bags; or bags heavily-soiled with food

<b>Main Material Category</b>	<b>Subcategory</b>	<b>Definition</b>
Film: Retail Bags & Sleeves	Film: Retail Bags & Sleeves - Other Sleeves/Clean Bags: Single resin PE	Other bags not elsewhere identified made out of #2 HDPE or #4 LDPE / LLDPE resin plastic.
Film: Retail Bags & Sleeves	Film: Retail Bags & Sleeves - Other Sleeves/Clean Bags: Single resin PP	Other film bags or film products made of films other than #2 and #4 that are labeled compostable. Film packaging not defined above, or: was contaminated with food, liquid or grit during use; is woven together (e.g., grain bags); contains multiple layers of film or other materials that have been fused together (e.g., potato chip bags); garbage bags, baggies or zipper storage bags, plastic wraps.
Film: Retail Bags & Sleeves	Film: Retail Bags & Sleeves - Other Sleeves/Clean Bags: Compostable film	Compostable plastic bags intended for use in the curbside organics collection program
Film: Retail Bags & Sleeves	Film: Retail Bags & Sleeves - Other Sleeves/Clean Bags: Other/ Indistinguishable film	Other film bags or film products made of films other than #2 and #4. Film packaging not defined above, or: was contaminated with food, liquid or grit during use; is woven together (e.g., grain bags); contains multiple layers of film or other materials that have been fused together (e.g., potato chip bags); garbage bags, baggies or zipper storage bags, plastic wraps.
Film: Garbage Bags	Film: Garbage Bags	Plastic bags designed and marketed to contain garbage, MGP and paper for containment, curbside set-out and collection. Includes opaque, translucent and clear bags of any color.
Film: Non-Woven Reusable Plastic Bags	Film: Non-Woven Reusable Plastic Bags: Single resin PE	Heavy-duty non-woven plastic bag designed and marketed to be reused made out of #2 HDPE or #4 LDPE / LLDPE plastic resin
Film: Non-Woven Reusable Plastic Bags	Film: Non-Woven Reusable Plastic Bags: Single resin PP	Heavy-duty non-woven plastic bag designed and marketed to be reused made out of any other plastic resin except #2 or #4
Film: Non-Woven Reusable Plastic Bags	Film: Non-Woven Reusable Plastic Bags: Other/ Indistinguishable film	Heavy-duty non-woven plastic bag designed and marketed to be reused made out of unspecified or unlabeled plastic resin
Film: Pouches	Food/Drink Pouches - Aluminized: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water drink pouches made of multi-layer film plastic including foil. These do not contain sugar or flavorings
Film: Pouches	Food/Drink Pouches - Aluminized: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water drink pouches made of multi-layer film plastic including foil; does not contain sugar or flavorings

Main Material Category	Subcategory	Definition
Film: Pouches	Food/Drink Pouches - Aluminized: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water drink pouches made of multi-layer film plastic including foil; contains sugar and/or flavorings
Film: Pouches	Food/Drink Pouches - Aluminized: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage drink pouches made of multi-layer film plastic including foil (except water)
Film: Pouches	Food/Drink Pouches - Aluminized: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage drink pouches made of multi-layer film plastic including foil (except water)
Film: Pouches	Food/Drink Pouches - Aluminized: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage drink pouches made of multi-layer film plastic including foil
Film: Pouches	Food/Drink Pouches - Aluminized: Alcoholic Beverages: Wine Products	Wine product drink pouches made of multi-layer film plastic including foil
Film: Pouches	Food/Drink Pouches - Aluminized: Alcoholic Beverages: Wine	Wine drink pouches made of multi-layer film plastic including foil
Film: Pouches	Food/Drink Pouches - Aluminized: Alcoholic Beverages: Liquors	Liquor drink pouches made of multi-layer film plastic including foil
Film: Pouches	Food/Drink Pouches - Aluminized: Alcoholic Beverages: Hard Ciders	Hard cider drink pouches made of multi-layer film plastic including foil
Film: Pouches	Food/Drink Pouches - Aluminized: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice drink pouches made of multi-layer film plastic including foil
Film: Pouches	Food/Drink Pouches - Aluminized: Nutritional Beverages: Milk Products	Milk or milk product drink pouches made of multi-layer film plastic including foil
Film: Pouches	Food/Drink Pouches - Aluminized: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product drink pouches made of multi-layer film plastic including foil
Film: Pouches	Food/Drink Pouches - Aluminized: Large Format: > 1 Gallon	One gallon or greater product drink pouches made of multi-layer film plastic including foil

<b>Main Material Category</b>	<b>Subcategory</b>	<b>Definition</b>
Film: Pouches	Food/Drink Pouches - Aluminized: Food	Food product drink pouches made of multi-layer film plastic including foil
Film: Pouches	Food/Drink Pouches - Aluminized: Non-Food	Non-food product drink pouches made of multi-layer film plastic including foil
Film: Pouches	Food/Drink Pouches - Aluminized: Indistinguishable	All other Indistinguishable drink pouches made of multi-layer film plastic including foil that are unlabeled or unspecified
Film: Pouches	Food/Drink Pouches - Non-alumized: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water drink pouches made of multi-layer film plastic (except aluminum); contains sugar or flavorings
Film: Pouches	Food/Drink Pouches - Non-alumized: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water drink pouches made of multi-layer film plastic (except aluminum); contains sugar or flavorings
Film: Pouches	Food/Drink Pouches - Non-alumized: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water drink pouches made of multi-layer film plastic (except aluminum); contains sugar and/or flavorings
Film: Pouches	Food/Drink Pouches - Non-alumized: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage non-water drink pouches made of multi-layer film plastic (except aluminum)
Film: Pouches	Food/Drink Pouches - Non-alumized: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage non-water drink pouches made of multi-layer film plastic (except aluminum)
Film: Pouches	Food/Drink Pouches - Non-alumized: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage drink pouches made of multi-layer film plastic (except aluminum)
Film: Pouches	Food/Drink Pouches - Non-alumized: Alcoholic Beverages: Wine Products	Wine product drink pouches made of multi-layer film plastic (except aluminum)
Film: Pouches	Food/Drink Pouches - Non-alumized: Alcoholic Beverages: Wine	Wine drink pouches made of multi-layer film plastic (except aluminum)
Film: Pouches	Food/Drink Pouches - Non-alumized: Alcoholic Beverages: Liquors	Liquor drink pouches made of multi-layer film plastic (except aluminum)
Film: Pouches	Food/Drink Pouches - Non-alumized: Alcoholic Beverages: Hard Ciders	Hard cider drink pouches made of multi-layer film plastic (except aluminum)

Main Material Category	Subcategory	Definition
Film: Pouches	Food/Drink Pouches - Non-alumized: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice drink pouches made of multi-layer film plastic (except aluminum)
Film: Pouches	Food/Drink Pouches - Non-alumized: Nutritional Beverages: Milk Products	Milk or milk product drink pouches made of multi-layer film plastic (except aluminum)
Film: Pouches	Food/Drink Pouches - Non-alumized: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product drink pouches made of multi-layer film plastic (except aluminum)
Film: Pouches	Food/Drink Pouches - Non-alumized: Large Format: > 1 Gallon	One gallon or greater product drink pouches made of multi-layer film plastic (except aluminum)
Film: Pouches	Food/Drink Pouches - Non-alumized: Food	Food product drink pouches made of multi-layer film plastic (except aluminum)
Film: Pouches	Food/Drink Pouches - Non-alumized: Non-Food	Non-food product drink pouches made of multi-layer film plastic (except aluminum)
Film: Pouches	Food/Drink Pouches - Non-alumized: Indistinguishable	All other Indistinguishable drink pouches made of multi-layer film plastic (except aluminum) that are unlabeled or unspecified
Film: Oversize Items	Film: Oversize Items: Single resin PE	Any plastic film item larger than a garbage bag and molded from #2 HDPE, #4 LDPE, or #4 LLDPE film. Includes tarps, shower curtains, plastic tablecloths, visqueen, and industrial films
Film: Oversize Items	Film: Oversize Items: Single resin PP	Any plastic film item larger than a garbage bag and molded from films other than #2 and #4. Film packaging not defined above, or: was contaminated with food, liquid or grit during use; is woven together (e.g., grain bags); contains multiple layers of film or other materials that have been fused together (e.g., potato chip bags)
Film: Oversize Items	Film: Oversize Items: Aluminized multi-material laminated packaging	Any plastic film item larger than a garbage bag containing multiple layers of film or other materials that have been fused together (e.g. potato chip bags) including foil
Film: Oversize Items	Film: Oversize Items: Non-aluminized multi-material laminated packaging	Any plastic film item larger than a garbage bag containing multiple layers of film or other materials that have been fused together (e.g. potato chip bags) except aluminum
Film: Oversize Items	Film: Oversize Items: Compostable film	Compostable plastic bags intended for use in the curbside organics collection program
Film: Oversize Items	Film: Oversize Items: Other/ Indistinguishable film	Any plastic film item larger than a garbage bag that is unspecified or unlabeled
Film: Other #2/#4 Polyethylene Bags	Film: Other #2/#4 Polyethylene Bags: Single resin PE	Other film bags not elsewhere classified or film products made of #2 HDPE, #4 LDPE or #4 LLDPE film. Includes baggies and zipper storage bags

Main Material Category	Subcategory	Definition
Film: Other #2/#4 Polyethylene Bags	Film: Other #2/#4 Polyethylene Bags: Single resin PP	Other film bags not elsewhere classified or film products made out of plastic resin except for #2 or #4. Includes baggies and zipper storage bags
Film: Other #2/#4 Polyethylene Bags	Film: Other #2/#4 Polyethylene Bags: Aluminized multi-material laminated packaging	Other film bags not elsewhere classified or film products containing multiple layers of film or other materials that have been fused together, made of #2 HDPE, #4 LDPE or #4 LLDPE plastic resin
Film: Other #2/#4 Polyethylene Bags	Film: Other #2/#4 Polyethylene Bags: Non-aluminized multi-material laminated packaging	Other film bags not elsewhere classified or film products containing multiple layers of film or other materials (except aluminum) that have been fused together, made of #2 HDPE, #4 LDPE or #4 LLDPE plastic resin
Film: Other #2/#4 Polyethylene Bags	Film: Other #2/#4 Polyethylene Bags: Compostable film	Other film bags not elsewhere classified or film products that are compostable, containing multiple layers of film or other materials that have been fused together, made of #2 HDPE, #4 LDPE or #4 LLDPE plastic resin
Film: Other #2/#4 Polyethylene Bags	Film: Other #2/#4 Polyethylene Bags: Other/ Indistinguishable film	Any other film bags not elsewhere classified or film products that are unspecified or unlabeled, containing multiple layers of film or other materials that have been fused together, made of #2 HDPE, #4 LDPE or #4 LLDPE plastic resin
Film: Other Non-Polyethylene/ Contaminated	Film: Other Non-Polyethylene/ Contaminated: Single resin PE	Other film bags or film products made of films other than #2 and #4. Film packaging not defined above, or: was contaminated with food, liquid or grit during use; is woven together (e.g., grain bags); contains multiple layers of film or other materials that have been fused together (e.g., potato chip bags); garbage bags, baggies or zipper storage bags, plastic wraps.
Film: Other Non-Polyethylene/ Contaminated	Film: Other Non-Polyethylene/ Contaminated: Single resin PP	Other film bags or film products made of films other than #2 and #4. Film packaging not defined above, or: was contaminated with food, liquid or grit during use; is woven together (e.g., grain bags); contains multiple layers of film or other materials that have been fused together (e.g., potato chip bags); garbage bags, baggies or zipper storage bags, plastic wraps.
Film: Other Non-Polyethylene/ Contaminated	Film: Other Non-Polyethylene/ Contaminated: Aluminized multi-material laminated packaging	Other film bags or film products made of films including foil defined above, or: was contaminated with food, liquid or grit during use; is woven together (e.g., grain bags); contains multiple layers of film or other materials that have been fused together (e.g., potato chip bags); garbage bags, baggies or zipper storage bags, plastic wraps.
Film: Other Non-Polyethylene/ Contaminated	Film: Other Non-Polyethylene/ Contaminated: Non-aluminized multi-material laminated packaging	Other film bags or film products made of films (except aluminum), or: was contaminated with food, liquid or grit during use; is woven together (e.g., grain bags); contains multiple layers of film or other materials that have been fused together (e.g., potato chip bags); garbage bags, baggies or zipper storage bags, plastic wraps.

Main Material Category	Subcategory	Definition
Film: Other Non-Polyethylene/ Contaminated	Film: Other Non-Polyethylene/ Contaminated: Compostable film	Other film bags or film products made of films other than #2 and #4 that are compostable. Film packaging not defined above, or: was contaminated with food, liquid or grit during use; is woven together (e.g., grain bags); contains multiple layers of film or other materials that have been fused together (e.g., potato chip bags); garbage bags, baggies or zipper storage bags, plastic wraps.
Film: Other Non-Polyethylene/ Contaminated	Film: Other Non-Polyethylene/ Contaminated: Other/ Indistinguishable film	Other film bags or film products made of films that are non-polyethylene and are unspecified or unlabeled. Film packaging not defined above, or: was contaminated with food, liquid or grit during use; is woven together (e.g., grain bags); contains multiple layers of film or other materials that have been fused together (e.g., potato chip bags); garbage bags, baggies or zipper storage bags, plastic wraps.
Film: DSNY Compostable Plastic Bags	Film: DSNY Compostable Plastic Bags: Compostable film	Compostable plastic bags intended for use in organics collection programs
Single-Use Plastics	Single-Use: Plates, Cutlery - Non-black: #1 PET	#1 PET plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Non-black: #2 HDPE Natural	Non-pigmented #2 HDPE plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Non-black: #2 HDPE Pigmented	Pigmented #2 HDPE plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Non-black: #3 PVC	#3 PVC plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Non-black: #4 LDPE/ LLDPE	#4 LDPE/LLDPE plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Non-black: #5 PP Rigid	#5 PP rigid plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Non-black: #5 PP Expanded	Does not exist
Single-Use Plastics	Single-Use: Plates, Cutlery - Non-black: #6 PS Rigid	#6 PS rigid plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Non-black: #6 PS Expanded	#6 PS Expanded plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Non-black: #7 Other & Dual Numbered	#7 Other labeled plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Non-black: Compostable	Compostable plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Non-black: Unlabeled/ Indistinguishable	Unspecified or unlabeled plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins

Main Material Category	Subcategory	Definition
Single-Use Plastics	Single-Use: Plates, Cutlery - Black: #1 PET	#1 PET black plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Black: #2 HDPE Natural	Non-pigmented #2 HDPE black plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Black: #2 HDPE Pigmented	Pigmented #2 HDPE black plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Black: #3 PVC	#3 PVC black plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Black: #4 LDPE/ LLDPE	#4 LDPE/LLDPE black plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Black: #5 PP Rigid	#5 PP rigid black plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Black: #5 PP Expanded	Does not exist
Single-Use Plastics	Single-Use: Plates, Cutlery - Black: #6 PS Rigid	#6 PS rigid black plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Black: #6 PS Expanded	#6 PS Expanded black plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Black: #7 Other & Dual Numbered	#7 Other labeled black plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Black: Compostable	Compostable black plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Black: Unlabeled/ Indistinguishable	Unspecified or unlabeled black plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single-Use: Plates, Cutlery - Small Format: Unlabeled/ Indistinguishable	All small-format, unspecified or unlabeled plastic single-use spoons, forks, knives, plates, cup lids, bowls, straws, and platters of various resins
Single-Use Plastics	Single Use: Straws	Single-use plastic straw of any type
Single-Use Plastics	Single Use: Splash Sticks	Single-use plastic splash sticks of any type
Single-Use Plastics	Single Use: Stirrers	Single-use plastic stirrer of any type
Appliances: Plastic	Appliances: Predominantly Plastic: Embedded Battery: #2 HDPE Pigmented - Color	Small and large appliances made predominantly of pigmented #2 HDPE plastic that contain an embedded battery

Main Material Category	Subcategory	Definition
Appliances: Plastic	Appliances: Predominantly Plastic: Embedded Battery: #2 HDPE Pigmented - Black	Small and large appliances made predominantly of pigmented black #2 HDPE plastic that contain an embedded battery
Appliances: Plastic	Appliances: Predominantly Plastic: Embedded Battery: #5 PP - Color	Small and large appliances made of predominantly pigmented #5 PP rigid plastic that contain an embedded battery
Appliances: Plastic	Appliances: Predominantly Plastic: Embedded Battery: #5 PP - Black	Small and large appliances made of predominantly black #5 PP rigid plastic that contain an embedded battery
Appliances: Plastic	Appliances: Predominantly Plastic: Embedded Battery: Other Plastic - Color	Small and large appliances made of predominantly unlabeled or unspecified pigmented plastic that contain an embedded battery
Appliances: Plastic	Appliances: Predominantly Plastic: Embedded Battery: Other Plastic - Black	Small and large appliances made of predominantly unlabeled or unspecified pigmented black plastic that contain an embedded battery
Appliances: Plastic	Appliances: Predominantly Plastic: Removable Battery: #2 HDPE Pigmented - Color	Small and large appliances made predominantly of pigmented #2 HDPE plastic that contain a removable battery
Appliances: Plastic	Appliances: Predominantly Plastic: Removable Battery: #2 HDPE Pigmented - Black	Small and large appliances made predominantly of pigmented black #2 HDPE plastic that contain a removable battery
Appliances: Plastic	Appliances: Predominantly Plastic: Removable Battery: #5 PP - Color	Small and large appliances made of predominantly pigmented #5 PP rigid plastic that contain a removable battery
Appliances: Plastic	Appliances: Predominantly Plastic: Removable Battery: #5 PP - Black	Small and large appliances made of predominantly black #5 PP rigid plastic that contain a removable battery
Appliances: Plastic	Appliances: Predominantly Plastic: Removable Battery: Other Plastic - Color	Small and large appliances made of predominantly unlabeled or unspecified pigmented plastic that contain a removable battery
Appliances: Plastic	Appliances: Predominantly Plastic: Removable Battery: Other Plastic - Black	Small and large appliances made of predominantly unlabeled or unspecified pigmented black plastic that contain a removable battery
Appliances: Plastic	Appliances: Predominantly Plastic: No Battery: #2 HDPE Pigmented - Color	Small and large appliances made predominantly of pigmented #2 HDPE plastic that do not contain a battery
Appliances: Plastic	Appliances: Predominantly Plastic: No Battery: #2 HDPE Pigmented - Black	Small and large appliances made predominantly of pigmented black #2 HDPE plastic that do not contain a battery

Main Material Category	Subcategory	Definition
Appliances: Plastic	Appliances: Predominantly Plastic: No Battery: #5 PP - Color	Small and large appliances made of predominantly pigmented #5 PP rigid plastic that do not contain a battery
Appliances: Plastic	Appliances: Predominantly Plastic: No Battery: #5 PP - Black	Small and large appliances made of predominantly black #5 PP rigid plastic that do not contain a battery
Appliances: Plastic	Appliances: Predominantly Plastic: No Battery: Other Plastic - Color	Small and large appliances made of predominantly unlabeled or unspecified pigmented plastic that do not contain a battery
Appliances: Plastic	Appliances: Predominantly Plastic: No Battery: Other Plastic - Black	Small and large appliances made of predominantly unlabeled or unspecified pigmented black plastic that do not contain a battery
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Recoverable: #2 HDPE Pigmented - Color	Bulky rigid plastic crates and soda bottle carriers, labeled with #2 HDPE resin code, and made of a pigmented opaque plastic. Generally larger in size than a shoebox
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Recoverable: #2 HDPE Pigmented - Black	Bulky rigid plastic crates and soda bottle carriers, labeled with #2 HDPE resin code, and made of a pigmented black plastic. Generally larger in size than a shoebox
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Recoverable: #4 LDPE - Color	Bulky rigid plastic crates and soda bottle carriers, labeled with #4 LDPE / LLDPE resin code. Generally larger in size than a shoebox
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Recoverable: #4 LDPE - Black	Bulky rigid plastic crates and soda bottle carriers, labeled with #4 LDPE / LLDPE resin code and black. Generally larger in size than a shoebox
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Recoverable: #5 PP - Color	Bulky rigid plastic crates and soda bottle carriers, labeled with #5 PP resin code. Generally larger in size than a shoebox
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Recoverable: #5 PP - Black	Bulky rigid plastic crates and soda bottle carriers, labeled with #5 PP resin code and black. Generally larger in size than a shoebox
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Recoverable: Other Plastic - Color	Bulky rigid plastic crates and soda bottle carriers, labeled with #7 resin code. Generally larger in size than a shoebox
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Recoverable: Other Plastic - Black	Bulky rigid plastic crates and soda bottle carriers, labeled with #7 resin code and black. Generally larger in size than a shoebox
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Not Recoverable: #2 HDPE Pigmented - Color	Bulky rigid plastic crates and soda bottle carriers, labeled with #2 HDPE resin code, and made of a pigmented opaque plastic. Generally larger in size than a shoebox. Not recoverable at a MRF.

Main Material Category	Subcategory	Definition
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Not Recoverable: #2 HDPE Pigmented - Black	Bulky rigid plastic crates and soda bottle carriers, labeled with #2 HDPE resin code, and made of a pigmented black plastic. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Not Recoverable: #4 LDPE - Color	Bulky rigid plastic crates and soda bottle carriers, labeled with #4 LDPE / LLDPE resin code. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Not Recoverable: #4 LDPE - Black	Bulky rigid plastic crates and soda bottle carriers, labeled with #4 LDPE / LLDPE resin code and black. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Not Recoverable: #5 PP - Color	Bulky rigid plastic crates and soda bottle carriers, labeled with #5 PP resin code. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Not Recoverable: #5 PP - Black	Bulky rigid plastic crates and soda bottle carriers, labeled with #5 PP resin code and black. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic	Bulk/Rigid: Plastic Crates/Soda Bottle Carriers: Not Recoverable: Other Plastic - Color	Bulky rigid plastic crates and soda bottle carriers, labeled with #7 resin code. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Recoverable: No Battery: #2 HDPE Pigmented - Color	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #2 HDPE resin code, and made of a pigmented or opaque plastic that do not contain a battery. Generally larger in size than a shoebox.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Recoverable: No Battery: #2 HDPE Pigmented - Black	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #2 HDPE resin code, and made of a pigmented black plastic that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Recoverable: No Battery: #4 LDPE - Color	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #4 LDPE / LLDPE resin code that do not contain a battery. Generally larger in size than a shoebox.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Recoverable: No Battery: #4 LDPE - Black	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #4 LDPE / LLDPE resin code that is black and does not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Recoverable: No Battery: #5 PP - Color	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #5 PP resin code that do not contain a battery. Generally larger in size than a shoebox.

Main Material Category	Subcategory	Definition
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Recoverable: No Battery: #5 PP - Black	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #5 PP resin code that is black and do not contain a battery. Generally larger in size than a shoebox.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Recoverable: No Battery: Other Plastic - Color	Bulky rigid plastic items from household use including plastic furniture and toys, with an unspecified or unlabeled resin code that do not contain a battery. Generally larger in size than a shoebox.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Recoverable: No Battery: Other Plastic - Black	Bulky rigid plastic items from household use including plastic furniture and toys, with an unspecified or unlabeled resin code that do not contain a battery and are black. Generally larger in size than a shoebox.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Embedded Battery: #2 HDPE Pigmented - Color	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #2 HDPE resin code, and made of a pigmented or opaque plastic that contains an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Embedded Battery: #2 HDPE Pigmented - Black	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #2 HDPE resin code, and made of a pigmented black plastic that contains an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Embedded Battery: #4 LDPE - Color	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #4 LDPE / LLDPE resin code that contains an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Embedded Battery: #4 LDPE - Black	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #4 LDPE / LLDPE resin code that is black and contains an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Embedded Battery: #5 PP - Color	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #5 PP resin code and contains an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Embedded Battery: #5 PP - Black	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #5 PP resin code that is black and contains an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Embedded Battery: Other Plastic - Color	Bulky rigid plastic items from household use including plastic furniture and toys, with an unspecified or unlabeled resin code that contains an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.

Main Material Category	Subcategory	Definition
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Embedded Battery: Other Plastic - Black	Bulky rigid plastic items from household use including plastic furniture and toys, with an unspecified or unlabeled resin code that contains an embedded battery and are black. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Removable Battery: #2 HDPE Pigmented - Color	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #2 HDPE resin code, and made of a pigmented or opaque plastic and contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Removable Battery: #2 HDPE Pigmented - Black	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #2 HDPE resin code, and made of a pigmented black plastic and contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Removable Battery: #4 LDPE - Color	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #4 LDPE / LLDPE resin code and contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Removable Battery: #4 LDPE - Black	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #4 LDPE / LLDPE resin code that is black and contains a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Removable Battery: #5 PP - Color	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #5 PP resin code and contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Removable Battery: #5 PP - Black	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #5 PP resin code that is black and contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Removable Battery: Other Plastic - Color	Bulky rigid plastic items from household use including plastic furniture and toys, with an unspecified or unlabeled resin code and contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: Removable Battery: Other Plastic - Black	Bulky rigid plastic items from household use including plastic furniture and toys, with an unspecified or unlabeled resin code and contain a removable battery and are black. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: No Battery: #2 HDPE Pigmented - Color	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #2 HDPE resin code, and made of a pigmented or opaque plastic that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.

Main Material Category	Subcategory	Definition
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: No Battery: #2 HDPE Pigmented - Black	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #2 HDPE resin code, and made of a pigmented black plastic that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: No Battery: #4 LDPE - Color	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #4 LDPE / LLDPE resin code that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: No Battery: #4 LDPE - Black	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #4 LDPE / LLDPE resin code that is black and does not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: No Battery: #5 PP - Color	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #5 PP resin code that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: No Battery: #5 PP - Black	Bulky rigid plastic items from household use including plastic furniture and toys, labeled with #5 PP resin code that is black and do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: No Battery: Other Plastic - Color	Bulky rigid plastic items from household use including plastic furniture and toys, with an unspecified or unlabeled resin code that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Plastic Toys/ Housewares	Bulk/Rigid: Plastic Toys/ Housewares: Not Recoverable: No Battery: Other Plastic - Black	Bulky rigid plastic items from household use including plastic furniture and toys, with an unspecified or unlabeled resin code that do not contain a battery and are black. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Recoverable: No Battery: #2 HDPE Pigmented - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #2 HDPE resin code, and made of pigmented or opaque plastic that do not contain a battery. Generally larger in size than a shoebox.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Recoverable: No Battery: #2 HDPE Pigmented - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #2 HDPE resin code, and made of black plastic that do not contain a battery. Generally larger in size than a shoebox.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Recoverable: No Battery: #4 LDPE - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #4 LDPE / LLDPE resin code that do not contain a battery. Generally larger in size than a shoebox.

Main Material Category	Subcategory	Definition
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Recoverable: No Battery: #4 LDPE - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #4 LDPE / LLDPE resin code and made of black plastic that do not contain a battery. Generally larger in size than a shoebox.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Recoverable: No Battery: #5 PP - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #5 PP resin code that do not contain a battery. Generally larger in size than a shoebox.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Recoverable: No Battery: #5 PP - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #5 PP resin code and made of black plastic that do not contain a battery. Generally larger in size than a shoebox.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Recoverable: No Battery: Other Plastic - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with an unspecified or unlabeled resin code that do not contain a battery. Generally larger in size than a shoebox.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Recoverable: No Battery: Other Plastic - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with an unspecified or unlabeled resin code and made of black plastic that do not contain a battery. Generally larger in size than a shoebox.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Embedded Battery: #2 HDPE Pigmented - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #2 HDPE resin code, and made of pigmented or opaque plastic that contain an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Embedded Battery: #2 HDPE Pigmented - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #2 HDPE resin code, and made of black plastic that contain an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Embedded Battery: #4 LDPE - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #4 LDPE / LLDPE resin code that contain an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Embedded Battery: #4 LDPE - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #4 LDPE / LLDPE resin code and made of black plastic that contain an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Embedded Battery: #5 PP - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #5 PP resin code that contain an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Embedded Battery: #5 PP - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #5 PP resin code and made of black plastic that contain an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.

Main Material Category	Subcategory	Definition
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Embedded Battery: Other Plastic - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with an unspecified or unlabeled resin code that contain an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Embedded Battery: Other Plastic - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with an unspecified or unlabeled resin code and made of black plastic that contain an embedded battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Removable Battery: #2 HDPE Pigmented - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #2 HDPE resin code, and made of pigmented or opaque plastic that contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Removable Battery: #2 HDPE Pigmented - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #2 HDPE resin code, and made of black plastic that contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Removable Battery: #4 LDPE - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #4 LDPE / LLDPE resin code that contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Removable Battery: #4 LDPE - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #4 LDPE / LLDPE resin code and made of black plastic that contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Removable Battery: #5 PP - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #5 PP resin code that contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Removable Battery: #5 PP - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #5 PP resin code and made of black plastic that contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Removable Battery: Other Plastic - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with an unspecified or unlabeled resin code that contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: Removable Battery: Other Plastic - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with an unspecified or unlabeled resin code and made of black plastic that contain a removable battery. Generally larger in size than a shoebox. Not recoverable at a MRF.

Main Material Category	Subcategory	Definition
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: No Battery: #2 HDPE Pigmented - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #2 HDPE resin code, and made of pigmented or opaque plastic that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: No Battery: #2 HDPE Pigmented - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #2 HDPE resin code, and made of black plastic that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: No Battery: #4 LDPE - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #4 LDPE / LLDPE resin code that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: No Battery: #4 LDPE - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #4 LDPE / LLDPE resin code and made of black plastic that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: No Battery: #5 PP - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #5 PP resin code that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: No Battery: #5 PP - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with a #5 PP resin code and made of black plastic that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: No Battery: Other Plastic - Color	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with an unspecified or unlabeled resin code that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Bulk/Rigid: Other Durable	Bulk/Rigid: Other Durable: Not Recoverable: No Battery: Other Plastic - Black	Other bulky rigid plastic objects not elsewhere classified. Includes 5-gal buckets, labeled with an unspecified or unlabeled resin code and made of black plastic that do not contain a battery. Generally larger in size than a shoebox. Not recoverable at a MRF.
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Non-black: #1 PET	Items that are predominantly #1 PET non-black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Non-black: #2 HDPE Natural	Items that are predominantly #2 HDPE translucent plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers

Main Material Category	Subcategory	Definition
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Non-black: #2 HDPE Pigmented	Items that are predominantly #2 HDPE pigmented or opaque plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Non-black: #3 PVC	Items that are predominantly #3 PVC non-black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Non-black: #4 LDPE/ LLDPE	Items that are predominantly #4 LDPE / LLDPE non-black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Non-black: #5 PP Rigid	Items that are predominantly #5 PP rigid non-black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Non-black: #5 PP Expanded	Items that are predominately #5 PP plastic molded with air pockets
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Non-black: #6 PS Rigid	Items that are predominantly #6 PS rigid non-black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Non-black: #6 PS Expanded	Items that are predominantly #6 PS Expanded non-black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Non-black: #7 Other & Dual Numbered	Items that are predominantly #7 Other non-black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers

Main Material Category	Subcategory	Definition
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Non-black: Compostable	Items that are predominately compostable plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Non-black: Unlabeled/Indistinguishable	Items that are unlabeled or unspecified non-black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Black: #1 PET	Items that are predominantly #1 PET black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Black: #2 HDPE Natural	Items that are predominantly #2 HDPE translucent black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Black: #2 HDPE Pigmented	Items that are predominantly #2 HDPE pigmented or opaque black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Black: #3 PVC	Items that are predominantly #3 PVC black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Black: #4 LDPE / LLDPE	Items that are predominantly #4 LDPE / LLDPE black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Black: #5 PP Rigid	Items that are predominantly #5 PP rigid black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers

Main Material Category	Subcategory	Definition
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Black: #5 PP Expanded	Items that are predominately #5 PP plastic molded with air pockets and black
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Black: #6 PS Rigid	Items that are predominantly #6 PS rigid black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Black: #6 PS Expanded	Items that are predominantly #6 PS Expanded black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Black: #7 Other & Dual Numbered	Items that are predominantly #7 Other black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Black: Compostable	Items that are predominately compostable black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose-not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Black: Unlabeled/ Indistinguishable	Items that are unlabeled or unspecified black plastic with other materials attached such as pens, lighters, and 3-ring binders. Finished plastic products made entirely of plastic such as toothbrushes, CD/DVDs, vinyl hose—not including plastic crates and soda bottle carriers
Other Plastics Materials not Elsewhere Classified	Other Plastics Materials not Elsewhere Classified - Small Format: Unlabeled/ Indistinguishable	All other small format items that are unlabeled or unspecified plastic with other materials
Other Plastics Materials not Elsewhere Classified	Durable/Multi-use: Cups - Paper & Plastic: #1 PET	Any durable drinking cup labeled with a plastic resin code of #1 PET. This category does not include yogurt/food cups.
Other Plastics Materials not Elsewhere Classified	Durable/Multi-use: Cups - Paper & Plastic: #2 HDPE Natural	Does not exist

Main Material Category	Subcategory	Definition
Other Plastics Materials not Elsewhere Classified	Durable/Multi-use: Cups - Paper & Plastic: #2 HDPE Pigmented	Does not exist
Other Plastics Materials not Elsewhere Classified	Durable/Multi-use: Cups - Paper & Plastic: #3 PVC	Any durable drinking cup labeled with a plastic resin code of #3 PVC; does not include yogurt/food cups
Other Plastics Materials not Elsewhere Classified	Durable/Multi-use: Cups - Paper & Plastic: #4 LDPE/ LLDPE	Any durable drinking cup labeled with a plastic resin code of #4 LDPE /LLDPE; does not include yogurt/food cups
Other Plastics Materials not Elsewhere Classified	Durable/Multi-use: Cups - Paper & Plastic: #5 PP Rigid	Any durable drinking cup labeled with a plastic resin code of #5 PP Rigid; does not include yogurt/food cups
Other Plastics Materials not Elsewhere Classified	Durable/Multi-use: Cups - Paper & Plastic: #5 PP Expanded	Does not exist
Other Plastics Materials not Elsewhere Classified	Durable/Multi-use: Cups - Paper & Plastic: #6 PS Rigid	Any durable drinking cup labeled with a plastic resin code of #6 PS Rigid; does not include yogurt/food cups
Other Plastics Materials not Elsewhere Classified	Durable/Multi-use: Cups - Paper & Plastic: #6 PS Expanded	Any durable drinking cup labeled with a plastic resin code of #6 PS Expanded; does not include yogurt/food cups
Other Plastics Materials not Elsewhere Classified	Durable/Multi-use: Cups - Paper & Plastic: #7 Other & Dual Numbered	Any durable drinking cup labeled with a plastic resin code of #7 Other; does not include yogurt/food cups
Other Plastics Materials not Elsewhere Classified	Durable/Multi-use: Cups - Paper & Plastic: Compostable	Any durable drinking cup that is made of a compostable material; does not include yogurt/food cups
Other Plastics Materials not Elsewhere Classified	Durable/Multi-use: Cups - Paper & Plastic: Unlabeled/ Indistinguishable	Any durable drinking cup that is made of an unspecified material or unlabeled material; does not include yogurt/food cups.

Main Material Category	Subcategory	Definition
Clear Container Glass	Clear Container Glass: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Manually sortable, recyclable clear glass carbonated water bottles and jars that are greater than 2" x 2"; these do not contain sugar or flavorings.
Clear Container Glass	Clear Container Glass: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Manually sortable, recyclable clear glass non-carbonated water bottles and jars that are greater than 2" x 2"; these do not contain sugar or flavorings.
Clear Container Glass	Clear Container Glass: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Manually sortable, recyclable clear glass non-carbonated water bottles and jars that are greater than 2" x 2"; these do contain sugar and/or flavorings.
Clear Container Glass	Clear Container Glass: Non-Alcoholic Beverages: Carbonated, Except Water	Manually sortable, recyclable clear glass carbonated beverage non-water bottles and jars that are greater than 2" x 2"
Clear Container Glass	Clear Container Glass: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Manually sortable, recyclable clear glass non-carbonated beverage non-water bottles and jars that are greater than 2" x 2"
Clear Container Glass	Clear Container Glass: Alcoholic Beverages: Beer/Malt Beverages	Manually sortable, recyclable clear glass beer and/or malt beverage bottles and jars that are greater than 2" x 2"
Clear Container Glass	Clear Container Glass: Alcoholic Beverages: Wine Products	Manually sortable, recyclable clear glass wine product bottles and jars that are greater than 2" x 2"
Clear Container Glass	Clear Container Glass: Alcoholic Beverages: Wine	Manually sortable, recyclable clear glass wine bottles and jars that are greater than 2" x 2"
Clear Container Glass	Clear Container Glass: Alcoholic Beverages: Liquors	Manually sortable, recyclable clear glass liquor bottles and jars that are greater than 2" x 2"
Clear Container Glass	Clear Container Glass: Alcoholic Beverages: Hard Ciders	Manually sortable, recyclable clear glass hard cider bottles and jars that are greater than 2" x 2"
Clear Container Glass	Clear Container Glass: Nutritional Beverages: 100% Juice/ Vegetable	Manually sortable, recyclable clear glass 100% juice or vegetable juice bottles and jars that are greater than 2" x 2"
Clear Container Glass	Clear Container Glass: Nutritional Beverages: Milk Products	Manually sortable, recyclable clear glass milk or milk product bottles and jars that are greater than 2" x 2"
Clear Container Glass	Clear Container Glass: Nutritional Beverages: Non-Dairy Milk Products	Manually sortable, recyclable clear glass non-dairy milk product bottles and jars that are greater than 2" x 2"
Clear Container Glass	Clear Container Glass: Large Format: > 1 Gallon	Manually sortable, recyclable clear glass one gallon or greater product bottles and jars that are greater than 2" x 2"
Clear Container Glass	Clear Container Glass: Food	Manually sortable, recyclable clear glass food product bottles and jars that are greater than 2" x 2"

Main Material Category	Subcategory	Definition
Clear Container Glass	Clear Container Glass: Non-Food	Manually sortable, recyclable clear glass non-food product bottles and jars that are greater than 2" x 2"
Clear Container Glass	Clear Container Glass: Indistinguishable	All other unspecified or unlabeled manually sortable, recyclable clear glass bottles and jars that are greater than 2" x 2"
Green Container Glass	Green Container Glass: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Manually sortable, recyclable green glass carbonated water bottles and jars that are greater than 2" x 2"; these do not contain sugar or flavorings.
Green Container Glass	Green Container Glass: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Manually sortable, recyclable green glass non-carbonated water bottles and jars that are greater than 2" x 2"; these do not contain sugar or flavorings
Green Container Glass	Green Container Glass: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Manually sortable, recyclable green glass non-carbonated water bottles and jars that are greater than 2" x 2"; these do contain sugar and/or flavorings.
Green Container Glass	Green Container Glass: Non-Alcoholic Beverages: Carbonated, Except Water	Manually sortable, recyclable green glass carbonated beverage non-water bottles and jars that are greater than 2" x 2"
Green Container Glass	Green Container Glass: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Manually sortable, recyclable green glass non-carbonated beverage non-water bottles and jars that are greater than 2" x 2"
Green Container Glass	Green Container Glass: Alcoholic Beverages: Beer/Malt Beverages	Manually sortable, recyclable green glass beer and/or malt beverage bottles and jars that are greater than 2" x 2"
Green Container Glass	Green Container Glass: Alcoholic Beverages: Wine Products	Manually sortable, recyclable green glass wine product bottles and jars that are greater than 2" x 2"
Green Container Glass	Green Container Glass: Alcoholic Beverages: Wine	Manually sortable, recyclable green glass wine bottles and jars that are greater than 2" x 2"
Green Container Glass	Green Container Glass: Alcoholic Beverages: Liquors	Manually sortable, recyclable green glass liquor bottles and jars that are greater than 2" x 2"
Green Container Glass	Green Container Glass: Alcoholic Beverages: Hard Ciders	Manually sortable, recyclable green glass hard cider bottles and jars that are greater than 2" x 2"
Green Container Glass	Green Container Glass: Nutritional Beverages: 100% Juice/ Vegetable	Manually sortable, recyclable green glass 100% juice or vegetable juice bottles and jars that are greater than 2" x 2"

Main Material Category	Subcategory	Definition
Green Container Glass	Green Container Glass: Nutritional Beverages: Milk Products	Manually sortable, recyclable green glass milk or milk product bottles and jars that are greater than 2" x 2"
Green Container Glass	Green Container Glass: Nutritional Beverages: Non-Dairy Milk Products	Manually sortable, recyclable green glass non-dairy milk product bottles and jars that are greater than 2" x 2"
Green Container Glass	Green Container Glass: Large Format: > 1 Gallon	Manually sortable, recyclable green glass one gallon or greater product bottles and jars that are greater than 2" x 2"
Green Container Glass	Green Container Glass: Food	Manually sortable, recyclable green glass food product bottles and jars that are greater than 2" x 2"
Green Container Glass	Green Container Glass: Non-Food	Manually sortable, recyclable green glass non-food product bottles and jars that are greater than 2" x 2"
Green Container Glass	Green Container Glass: Indistinguishable	All other unspecified or unlabeled manually sortable, recyclable green glass bottles and jars that are greater than 2" x 2"
Brown Container Glass	Brown Container Glass: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Manually sortable, recyclable brown glass carbonated water bottles and jars that are greater than 2" x 2"; these do not contain sugar or flavorings.
Brown Container Glass	Brown Container Glass: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Manually sortable, recyclable brown glass non-carbonated water bottles and jars that are greater than 2" x 2"; these do not contain sugar or flavorings.
Brown Container Glass	Brown Container Glass: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Manually sortable, recyclable brown glass non-carbonated water bottles and jars that are greater than 2" x 2"; these do contain sugar and/or flavorings.
Brown Container Glass	Brown Container Glass: Non-Alcoholic Beverages: Carbonated, Except Water	Manually sortable, recyclable brown glass carbonated beverage non-water bottles and jars that are greater than 2" x 2"
Brown Container Glass	Brown Container Glass: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Manually sortable, recyclable brown glass non-carbonated beverage non-water bottles and jars that are greater than 2" x 2"
Brown Container Glass	Brown Container Glass: Alcoholic Beverages: Beer/Malt Beverages	Manually sortable, recyclable brown glass beer and/or malt beverage bottles and jars that are greater than 2" x 2"
Brown Container Glass	Brown Container Glass: Alcoholic Beverages: Wine Products	Manually sortable, recyclable brown glass wine product bottles and jars that are greater than 2" x 2"

Main Material Category	Subcategory	Definition
Brown Container Glass	Brown Container Glass: Alcoholic Beverages: Wine	Manually sortable, recyclable brown glass wine bottles and jars that are greater than 2" x 2"
Brown Container Glass	Brown Container Glass: Alcoholic Beverages: Liquors	Manually sortable, recyclable brown glass liquor bottles and jars that are greater than 2" x 2"
Brown Container Glass	Brown Container Glass: Alcoholic Beverages: Hard Ciders	Manually sortable, recyclable brown glass hard cider bottles and jars that are greater than 2" x 2"
Brown Container Glass	Brown Container Glass: Nutritional Beverages: 100% Juice/ Vegetable	Manually sortable, recyclable brown glass 100% juice or vegetable juice bottles and jars that are greater than 2" x 2"
Brown Container Glass	Brown Container Glass: Nutritional Beverages: Milk Products	Manually sortable, recyclable brown glass milk or milk product bottles and jars that are greater than 2" x 2"
Brown Container Glass	Brown Container Glass: Nutritional Beverages: Non-Dairy Milk Products	Manually sortable, recyclable brown glass non-dairy milk product bottles and jars that are greater than 2" x 2"
Brown Container Glass	Brown Container Glass: Large Format: > 1 Gallon	Manually sortable, recyclable brown glass one gallon or greater product bottles and jars that are greater than 2" x 2"
Brown Container Glass	Brown Container Glass: Food	Manually sortable, recyclable brown glass food product bottles and jars that are greater than 2" x 2"
Brown Container Glass	Brown Container Glass: Non-Food	Manually sortable, recyclable brown glass non-food product bottles and jars that are greater than 2" x 2"
Brown Container Glass	Brown Container Glass: Indistinguishable	All other unspecified or unlabeled manually sortable, recyclable brown glass bottles and jars that are greater than 2" x 2"
Other Color Container Glass	Other Color Container Glass: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Manually sortable, recyclable blue, yellow, red and other colored glass carbonated water bottles and jars that are greater than 2" x 2"; does not contain sugar or flavorings.
Other Color Container Glass	Other Color Container Glass: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Manually sortable, recyclable blue, yellow, red and other colored glass non-carbonated water bottles and jars that are greater than 2" x 2"; does not contain sugar or flavorings.
Other Color Container Glass	Other Color Container Glass: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Manually sortable, recyclable blue, yellow, red and other colored glass non-carbonated water bottles and jars that are greater than 2" x 2"; contains sugar and/or flavorings.

Main Material Category	Subcategory	Definition
Other Color Container Glass	Other Color Container Glass: Non-Alcoholic Beverages: Carbonated, Except Water	Manually sortable, recyclable blue, yellow, red and other colored glass carbonated beverage non-water bottles and jars that are greater than 2" x 2"
Other Color Container Glass	Other Color Container Glass: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Manually sortable, recyclable blue, yellow, red and other colored glass non-carbonated beverage non-water bottles and jars that are greater than 2" x 2"
Other Color Container Glass	Other Color Container Glass: Alcoholic Beverages: Beer/Malt Beverages	Manually sortable, recyclable blue, yellow, red and other colored glass beer and/or malt beverage bottles and jars that are greater than 2" x 2"
Other Color Container Glass	Other Color Container Glass: Alcoholic Beverages: Wine Products	Manually sortable, recyclable blue, yellow, red and other colored glass wine product bottles and jars that are greater than 2" x 2"
Other Color Container Glass	Other Color Container Glass: Alcoholic Beverages: Wine	Manually sortable, recyclable blue, yellow, red and other colored glass wine bottles and jars that are greater than 2" x 2"
Other Color Container Glass	Other Color Container Glass: Alcoholic Beverages: Liquors	Manually sortable, recyclable blue, yellow, red and other colored glass liquor bottles and jars that are greater than 2" x 2"
Other Color Container Glass	Other Color Container Glass: Alcoholic Beverages: Hard Ciders	Manually sortable, recyclable blue, yellow, red and other colored glass hard cider bottles and jars that are greater than 2" x 2"
Other Color Container Glass	Other Color Container Glass: Nutritional Beverages: 100% Juice/ Vegetable	Manually sortable, recyclable blue, yellow, red and other colored glass 100% juice or vegetable juice bottles and jars that are greater than 2" x 2"
Other Color Container Glass	Other Color Container Glass: Nutritional Beverages: Milk Products	Manually sortable, recyclable blue, yellow, red and other colored glass milk or milk product bottles and jars that are greater than 2" x 2"
Other Color Container Glass	Other Color Container Glass: Nutritional Beverages: Non-Dairy Milk Products	Manually sortable, recyclable blue, yellow, red and other colored glass non-dairy milk product bottles and jars that are greater than 2" x 2"
Other Color Container Glass	Other Color Container Glass: Large Format: > 1 Gallon	Manually sortable, recyclable blue, yellow, red and other colored glass one gallon or greater product bottles and jars that are greater than 2" x 2"
Other Color Container Glass	Other Color Container Glass: Food	Manually sortable, recyclable blue, yellow, red and other colored glass food product bottles and jars that are greater than 2" x 2"
Other Color Container Glass	Other Color Container Glass: Non-Food	Manually sortable, recyclable blue, yellow, red and other colored glass non-food product bottles and jars that are greater than 2" x 2"

Main Material Category	Subcategory	Definition
Other Color Container Glass	Other Color Container Glass: Indistinguishable	All other unspecified or unlabeled manually sortable, recyclable blue, yellow, red and other colored glass bottles and jars that are greater than 2" x 2"
Mixed Cullet	Mixed Cullet	Broken glass of any color not manually sortable (under 2" x 2"); glass shards
Other Glass	Other Glass	Window glass, mirrors, light bulbs (except fluorescent tubes), decorative glassware (e.g. vases), decorative glass bottles (e.g. perfume bottles), drinking glasses, other non-container glass
Aluminum Cans & Bottles	Aluminum Cans: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water aluminum cans and bi-metal cans mostly of aluminum. Includes removed aluminum lids; these do not contain sugar or flavorings.
Aluminum Cans & Bottles	Aluminum Cans: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water aluminum cans and bi-metal cans mostly of aluminum. Includes removed aluminum lids; these do not contain sugar or flavorings.
Aluminum Cans & Bottles	Aluminum Cans: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water aluminum cans and bi-metal cans mostly of aluminum. Includes removed aluminum lids; these do contain sugar and/or flavorings.
Aluminum Cans & Bottles	Aluminum Cans: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage non-water aluminum cans and bi-metal cans mostly of aluminum; includes removed aluminum lids.
Aluminum Cans & Bottles	Aluminum Cans: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage non-water aluminum cans and bi-metal cans mostly of aluminum; includes removed aluminum lids.
Aluminum Cans & Bottles	Aluminum Cans: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage aluminum cans and bi-metal cans mostly of aluminum; includes removed aluminum lids.
Aluminum Cans & Bottles	Aluminum Cans: Alcoholic Beverages: Wine Products	Wine product aluminum cans and bi-metal cans mostly of aluminum; includes removed aluminum lids.
Aluminum Cans & Bottles	Aluminum Cans: Alcoholic Beverages: Wine	Wine aluminum cans and bi-metal cans mostly of aluminum; includes removed aluminum lids.
Aluminum Cans & Bottles	Aluminum Cans: Alcoholic Beverages: Liquors	Liquor aluminum cans and bi-metal cans mostly of aluminum; includes removed aluminum lids.
Aluminum Cans & Bottles	Aluminum Cans: Alcoholic Beverages: Hard Ciders	Hard cider aluminum cans and bi-metal cans mostly of aluminum; includes removed aluminum lids.
Aluminum Cans & Bottles	Aluminum Cans: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice aluminum cans and bi-metal cans mostly of aluminum; includes removed aluminum lids.
Aluminum Cans & Bottles	Aluminum Cans: Nutritional Beverages: Milk Products	Milk or milk product aluminum cans and bi-metal cans mostly of aluminum; includes removed aluminum lids.
Aluminum Cans & Bottles	Aluminum Cans: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product aluminum cans and bi-metal cans mostly of aluminum; includes removed aluminum lids.

Main Material Category	Subcategory	Definition
Aluminum Cans & Bottles	Aluminum Cans: Large Format: > 1 Gallon	One gallon or greater product aluminum cans and bi-metal cans mostly of aluminum; includes removed aluminum lids.
Aluminum Cans & Bottles	Aluminum Cans: Food	Food product aluminum cans and bi-metal cans mostly of aluminum; includes removed aluminum lids.
Aluminum Cans & Bottles	Aluminum Cans: Non-Food	Non-food product aluminum cans and bi-metal cans mostly of aluminum; includes removed aluminum lids.
Aluminum Cans & Bottles	Aluminum Cans: Indistinguishable	All other aluminum cans and bi-metal cans mostly of aluminum that are unlabeled or unspecified; includes removed aluminum lids.
Aluminum Cans & Bottles	Aluminum Bottles: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water aluminum bottles; these do not contain sugar or flavorings.
Aluminum Cans & Bottles	Aluminum Bottles: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water aluminum bottles; these do not contain sugar or flavorings.
Aluminum Cans & Bottles	Aluminum Bottles: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water aluminum bottles; these do contain sugar and/or flavorings.
Aluminum Cans & Bottles	Aluminum Bottles: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage non-water aluminum bottles
Aluminum Cans & Bottles	Aluminum Bottles: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage non-water aluminum bottles
Aluminum Cans & Bottles	Aluminum Bottles: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage aluminum bottles
Aluminum Cans & Bottles	Aluminum Bottles: Alcoholic Beverages: Wine Products	Wine product aluminum bottles
Aluminum Cans & Bottles	Aluminum Bottles: Alcoholic Beverages: Wine	Wine aluminum bottles
Aluminum Cans & Bottles	Aluminum Bottles: Alcoholic Beverages: Liquors	Liquor aluminum bottles
Aluminum Cans & Bottles	Aluminum Bottles: Alcoholic Beverages: Hard Ciders	Hard cider aluminum bottles
Aluminum Cans & Bottles	Aluminum Bottles: Nutritional Beverages: 100% Juice/ Vegetable	100% juice or vegetable juice aluminum bottles
Aluminum Cans & Bottles	Aluminum Bottles: Nutritional Beverages: Milk Products	Milk or milk product aluminum bottles
Aluminum Cans & Bottles	Aluminum Bottles: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product aluminum bottles

Main Material Category	Subcategory	Definition
Aluminum Cans & Bottles	Aluminum Bottles: Large Format: > 1 Gallon	One gallon or greater product aluminum bottles
Aluminum Cans & Bottles	Aluminum Bottles: Food	Food product aluminum bottles
Aluminum Cans & Bottles	Aluminum Bottles: Non-Food	Non-food product aluminum bottles
Aluminum Cans & Bottles	Aluminum Bottles: Indistinguishable	All other Indistinguishable aluminum bottles
Aluminum Foil/ Containers	Aluminum Foil/Containers	Aluminum food containers, trays, and foil
Other Aluminum	Other Aluminum	Aluminum products and scrap that are 50% or more aluminum by weight, such as window frames, cookware
Other Non-Ferrous	Other Non-Ferrous	Non-aluminum metals not derived from iron, to which a magnet will not adhere, and which are not significantly contaminated with other metals or materials; includes copper, brass, lead, stainless steel, zinc
Steel/Tin Food Cans	Steel/Tin Food Cans: Non-Alcoholic Beverages: Water, Carbonated - no sugar, flavorings	Carbonated water steel cans and bi-metal cans mostly of steel. Includes removed steel lids; these do not contain sugar or flavorings.
Steel/Tin Food Cans	Steel/Tin Food Cans: Non-Alcoholic Beverages: Water, Non-carbonated - no sugar, flavorings	Non-carbonated water steel cans and bi-metal cans mostly of steel. Includes removed steel lids; these do not contain sugar or flavorings.
Steel/Tin Food Cans	Steel/Tin Food Cans: Non-Alcoholic Beverages: Water, Non-carbonated - w/sugar	Non-carbonated water steel cans and bi-metal cans mostly of steel. Includes removed steel lids; these do contain sugar and/or flavorings.
Steel/Tin Food Cans	Steel/Tin Food Cans: Non-Alcoholic Beverages: Carbonated, Except Water	Carbonated beverage non-water steel cans and bi-metal cans mostly of steel; includes removed steel lids
Steel/Tin Food Cans	Steel/Tin Food Cans: Non-Alcoholic Beverages: Beverages Except Water, Non-carbonated	Non-carbonated beverage non-water steel cans and bi-metal cans mostly of steel; includes removed steel lids
Steel/Tin Food Cans	Steel/Tin Food Cans: Alcoholic Beverages: Beer/Malt Beverages	Beer and/or malt beverage steel cans and bi-metal cans mostly of steel; includes removed steel lids
Steel/Tin Food Cans	Steel/Tin Food Cans: Alcoholic Beverages: Wine Products	Wine product steel cans and bi-metal cans mostly of steel; includes removed steel lids
Steel/Tin Food Cans	Steel/Tin Food Cans: Alcoholic Beverages: Wine	Wine steel cans and bi-metal cans mostly of steel; includes removed steel lids
Steel/Tin Food Cans	Steel/Tin Food Cans: Alcoholic Beverages: Liquors	Liquor steel cans and bi-metal cans mostly of steel; includes removed steel lids

Main Material Category	Subcategory	Definition
Steel/Tin Food Cans	Steel/Tin Food Cans: Alcoholic Beverages: Hard Ciders	Hard cider steel cans and bi-metal cans mostly of steel; includes removed steel lids
Steel/Tin Food Cans	Steel/Tin Food Cans: Nutritional Beverages: 100% Juice/Vegetable	100% juice or vegetable juice steel cans and bi-metal cans mostly of steel; includes removed steel lids
Steel/Tin Food Cans	Steel/Tin Food Cans: Nutritional Beverages: Milk Products	Milk or milk product steel cans and bi-metal cans mostly of steel; includes removed steel lids
Steel/Tin Food Cans	Steel/Tin Food Cans: Nutritional Beverages: Non-Dairy Milk Products	Non-dairy milk product steel cans and bi-metal cans mostly of steel; includes removed steel lids
Steel/Tin Food Cans	Steel/Tin Food Cans: Large Format: > 1 Gallon	One gallon or greater product steel cans and bi-metal cans mostly of steel; includes removed steel lids
Steel/Tin Food Cans	Steel/Tin Food Cans: Food	Food product steel cans and bi-metal cans mostly of steel; includes removed steel lids
Steel/Tin Food Cans	Steel/Tin Food Cans: Non-Food	Non-food product steel cans and bi-metal cans mostly of steel; includes removed steel lids
Steel/Tin Food Cans	Steel/Tin Food Cans: Indistinguishable	All other steel cans and bi-metal cans mostly of steel that are unlabeled or unspecified; includes removed steel lids
Empty Aerosol Cans	Empty Aerosol Cans	Empty, mixed material/metal aerosol cans; aerosols that still contain product are sorted according to that material—for instance, solvent-based paint.
Other Ferrous	Other Ferrous	Ferrous and alloyed ferrous scrap metals to which a magnet adheres and which are not significantly contaminated with other metals or materials; includes ferrous metal caps/lids to containers of other material types
Mixed Metals	Mixed Metals	Items that are predominately metal with other materials attached such as motors, insulated wire, and finished products containing a mixture of metals, or metals and other materials, that are not classified in the “small appliances” section below; includes pieces of white goods; includes certain non-computer insulated wiring such as holiday light strands if the wiring is half or more of the weight
Appliances: Ferrous	Appliances: Predominantly Ferrous: Embedded Battery	Large and small appliances made predominantly of ferrous metal (steel) with embedded batteries; includes large appliances such as washers, dryers, stoves, refrigerators, dishwashers, etc.; includes small appliances such as toasters, microwave ovens, power tools, curling irons, and light fixtures
Appliances: Ferrous	Appliances: Predominantly Ferrous: Removable Battery	Large and small appliances made predominantly of ferrous metal (steel) with removable batteries; includes large appliances such as washers, dryers, stoves, refrigerators, dishwashers, etc.; includes small appliances such as toasters, microwave ovens, power tools, curling irons, and light fixtures

Main Material Category	Subcategory	Definition
Appliances: Ferrous	Appliances: Predominantly Ferrous: No Battery	Large and small appliances made predominantly of ferrous metal (steel) without a battery; includes large appliances such as washers, dryers, stoves, refrigerators, dishwashers, etc.; includes small appliances such as toasters, microwave ovens, power tools, curling irons, and light fixtures
Appliances: Non-Ferrous	Appliances: Predominantly Non-Ferrous: Embedded Battery	Small and large appliances made predominantly of stainless steel with embedded batteries
Appliances: Non-Ferrous	Appliances: Predominantly Non-Ferrous: Removable Battery	Small and large appliances made predominantly of stainless steel with removable batteries
Appliances: Non-Ferrous	Appliances: Predominantly Non-Ferrous: No Battery	Small and large appliances made predominantly of stainless steel without batteries
Yard Waste	Yard Waste	Any plant materials from a yard or garden area, including grass clippings, leaves, weeds, garden wastes, prunings, trimmings, limbs, stumps, etc.; includes cut flowers and house plants
Food: Loose	Food: Loose	Vegetative and non-vegetative food wastes and scraps; includes vegetative food wastes as well as bones, shells, husks, rinds, etc.; excludes food containers, except when container weight is not appreciable compared to the food inside and separation is not practical; includes vitamins and supplements
Food: Intact Packaging	Food: Intact Packaging	Any food contained, unopened, in its original retail packaging; includes the weight of the unopened packaging
Food: Open Packaging	Food: Open Packaging	Any food contained in its original retail packaging that has been opened; includes discarded food scraps that may be contained in wraps, plastic bags or other containers that are not the original packaging. Food should be emptied from the packaging where feasible, though tightly-wrapped items may remain enclosed.
Food: Liquid	Food: Liquid	Includes the liquid contents of any beverage or non-solid food wastes (e.g. soup, salad dressing, etc.)
Non-C&D Wood	Non-Construction and Demolition (C&D) Wood	Wood products not associated with C&D activities, such as furniture, popsicle sticks, chopsticks, wooden spoons, and other miscellaneous household wood products; includes clean, stained, painted and composite woods, wicker, and box springs
Textiles: Non-Clothing	Textiles: Non-Clothing	Non-clothing fabrics made of rag stock fabric materials including natural and synthetic textiles such as cotton, wool, silk, woven nylon, rayon, and polyester; includes handbags, linens, draperies, tablecloths, nylon rope
Textiles: Woven Bags	Textiles: Woven Bags	Reusable retail/grocery bags and totes

<b>Main Material Category</b>	<b>Subcategory</b>	<b>Definition</b>
Textiles: Clothing - Stretchy Fabric	Textiles: Clothing - Stretchy Fabric	Clothing textiles made of exceptionally stretchable fabric such as spandex, lycra, neoprene, and potentially nylon and other knits
Textiles: Clothing - Non-Stretchy	Textiles: Clothing - Non-Stretchy	Clothing textiles made of conventional fabric and not intended to be form fitting or exceptionally stretchy
Carpet/ Upholstery: Broadloom Carpet	Carpet/ Upholstery: Broadloom Carpet	Flooring applications and non-rag stock textiles consisting of various natural or synthetic fibers bonded to some type of backing material often constructed and sold in 12- to 15-foot wide rolls and often called "wall-to-wall" carpet; includes traditional mattresses made of a combination of foam and metal coil construction with upholstered exterior
Carpet/ Upholstery: Tile Carpet	Carpet/ Upholstery: Tile Carpet	Modular or tiled textile floor covering consisting of an upper layer of natural or synthetic fibers known as "pile" attached to a backing; tiles are generally square and designed to interlock with other tiles to cover broad areas such as offices, airports, hotels and convention centers
Carpet/ Upholstery: Other Carpet	Carpet/ Upholstery: Other Carpet	Area rugs, accent/throw rugs, bathmats, and runners; includes carpet padding
Carpet/ Upholstery: Spring Mattresses And Boxsprings	Carpet/ Upholstery: Spring Mattresses And Boxsprings	Spring mattresses, or innerspring mattresses are a type of mattress which utilizes many metal springs as a means to provide the underlying support layer within. Includes pocketed coils or spring style mattresses; commonly also includes foam as a supplementary means of support; includes mattress box springs, found with and without metal.
Carpet/ Upholstery: Other Upholstery	Carpet/ Upholstery: Other Upholstery	All other upholstery that does not neatly fit into the above categories; includes pillows, non-clothing fabric, and stuffed children's toys
Disposable Diapers & Sanitary Products	Disposable Diapers & Sanitary Products	Diapers and sanitary products made from a combination of fibers, synthetic, and/or natural, and made for the purpose of single use; includes disposable baby diapers, adult protective undergarments, and feminine hygiene products
Animal By-Products	Animal By-Products	Animal carcasses not resulting from food storage or preparation, animal wastes, and kitty litter
Shoes/Rubber/ Leather	Shoes/Rubber/Leather	Finished products and scrap materials made of natural and synthetic rubber, such as bath mats, inner tubes, rubber hoses, foam rubber, tire pieces, latex gloves; leather jackets, belts bags, purses; shoes, sneakers, sandals, and boots

Main Material Category	Subcategory	Definition
Garden Hoses	Garden Hoses	Self explanatory; plastic hoses like vacuum hoses will continue to be sorted in Other Plastic; aggregates to Shoes/Rubber/Leather.
Fines	Fines	Small/fine particulates smaller than 1/2 inch screen
Miscellaneous Organics	Miscellaneous Organics	Wax, bar soap, cigarette butts, briquettes and fire place, burn barrel and fire pit ash, vacuum cleaner bags and contents, sponges, and other organic materials not classified above; includes pet food and hair; includes mattresses and cushions made of urethane foam with upholstered exterior
Audio/Visual Equipment (TV Peripherals - Covered):	Audio/Visual Equipment (TV Peripherals - Covered): Computers: Embedded Battery	Computers, laptops and computer notebooks that contain an embedded battery
Audio/Visual Equipment (TV Peripherals - Covered):	Audio/Visual Equipment (TV Peripherals - Covered): Computers: Removable Battery	Computers, laptops and computer notebooks that contain a removable battery
Audio/Visual Equipment (TV Peripherals - Covered):	Audio/Visual Equipment (TV Peripherals - Covered): Computers: No Battery	Computers, laptops and computer notebooks that do not contain a battery
Audio/Visual Equipment (TV Peripherals - Covered):	Audio/Visual Equipment (TV Peripherals - Covered): Computer Peripherals: Embedded Battery	VCRs, digital recorders, DVD players, digital converter boxes, cable or satellite receivers, electronic or video game consoles that contain an embedded battery
Audio/Visual Equipment (TV Peripherals - Covered):	Audio/Visual Equipment (TV Peripherals - Covered): Computer Peripherals: Removable Battery	VCRs, digital recorders, DVD players, digital converter boxes, cable or satellite receivers, electronic or video game consoles that contain a removable battery
Audio/Visual Equipment (TV Peripherals - Covered):	Audio/Visual Equipment (TV Peripherals - Covered): Computer Peripherals: No Battery	VCRs, digital recorders, DVD players, digital converter boxes, cable or satellite receivers, electronic or video game consoles that do not contain a battery
Audio/Visual Equipment (TV Peripherals - Covered):	Audio/Visual Equipment (TV Peripherals - Covered): Small electronic equipment: Embedded Battery	Other small electronic TV peripheral equipment that contain an embedded battery
Audio/Visual Equipment (TV Peripherals - Covered):	Audio/Visual Equipment (TV Peripherals - Covered): Small electronic equipment: Removable Battery	Other small electronic TV peripheral equipment that contain a removable battery

Main Material Category	Subcategory	Definition
Audio/Visual Equipment (TV Peripherals - Covered)	Audio/Visual Equipment (TV Peripherals - Covered): Small electronic equipment: No Battery	Other small electronic TV peripheral equipment that do not contain a battery
Audio/Visual Equipment (TV Peripherals - Covered)	Audio/Visual Equipment (TV Peripherals - Covered): Visual Display Devices: Embedded Battery	Visual display devices such as monitors, screens, and others, that contain an embedded battery
Audio/Visual Equipment (TV Peripherals - Covered)	Audio/Visual Equipment (TV Peripherals - Covered): Visual Display Devices: Removable Battery	Visual display devices such as monitors, screens, and others, that contain a removable battery
Audio/Visual Equipment (TV Peripherals - Covered)	Audio/Visual Equipment (TV Peripherals - Covered): Visual Display Devices: No Battery	Visual display devices such as monitors, screens, and others, that do not contain a battery
Audio/Visual Equipment (Non-Covered)	Audio/Visual Equipment (Non-Covered): Electronics Cables/ Charger: Embedded Battery	Electronic cables, chargers, cords that contain an embedded battery
Audio/Visual Equipment (Non-Covered)	Audio/Visual Equipment (Non-Covered): Electronics Cables/ Charger: Removable Battery	Electronic cables, chargers, cords that contain a removable battery
Audio/Visual Equipment (Non-Covered)	Audio/Visual Equipment (Non-Covered): Electronics Cables/ Charger: No Battery	Electronic cables, chargers, cords that do not contain a battery
Audio/Visual Equipment (Non-Covered)	Audio/Visual Equipment (Non-Covered): Other Electronics: Embedded Battery	Radios, stereos, tape decks, cameras, GPS devices, cell phones and calculators that contain an embedded battery
Audio/Visual Equipment (Non-Covered)	Audio/Visual Equipment (Non-Covered): Other Electronics: Removable Battery	Radios, stereos, tape decks, cameras, GPS devices, cell phones and calculators that contain a removable battery
Audio/Visual Equipment (Non-Covered)	Audio/Visual Equipment (Non-Covered): Other Electronics: No Battery	Radios, stereos, tape decks, cameras, GPS devices, cell phones and calculators that do not contain a battery
Computer Monitors	Computer Monitors	Items other than televisions containing a cathode ray tube (CRT) such as computer monitors and laptops. Includes flat screen monitors
Televisions	Televisions	Television sets containing a cathode ray tube (CRT) and flat screen TVs

Main Material Category	Subcategory	Definition
Other Computer Equipment	Other Computer Equipment: Embedded Battery	Computer items not containing CRTs such as processors, mice and mouse pads, keyboards and disk drives, portable devices, printers, scanners, and servers that contain an embedded battery; includes both computer cords and regular extension cords
Other Computer Equipment	Other Computer Equipment: Removable Battery	Computer items not containing CRTs such as processors, mice and mouse pads, keyboards and disk drives, portable devices, printers, scanners, and servers that contain a removable battery; includes both computer cords and regular extension cords
Other Computer Equipment	Other Computer Equipment: No Battery	Computer items not containing CRTs such as processors, mice and mouse pads, keyboards and disk drives, portable devices, printers, scanners, and servers that do not contain a battery; includes both computer cords and regular extension cords
Untreated Dimension Lumber, Pallets, Crates	Untreated Dimension Lumber, Pallets, Crates	Untreated, milled lumber commonly used in construction for framing and related uses, including 2 x 4's, 2 x 6's
Treated/ Contaminated/ Composite Wood	Treated/Contaminated/ Composite Wood	Lumber and wood products that have been painted or treated so as to render them difficult to compost (with generally 50% or more of the surface area treated); includes painted and chemically treated lumber, plywood, strandboard, and particleboard; predominately wood and lumber products that are mixed with other materials in such a way that they cannot easily be separated
Other C&D Debris Not Elsewhere Classified	Other Construction and Demolition Debris Not Elsewhere Classified	Construction debris (other than wood, plastic and metal) that cannot be classified elsewhere, and mixed fine building material scraps; includes clean and painted gypsum drywall, fiberglass insulation, rock/concrete/bricks, asphaltic and other roofing, fixtures, etc.
Miscellaneous Inorganics	Miscellaneous Inorganics	Other inorganic materials not classified elsewhere; includes ceramics/ Includes full or partially full containers of non-hazardous cleaning & hygiene products; includes fabric softener sheets and water pitcher filters
Miscellaneous Inorganics	Foam Mattresses	Flooring applications and non-rag stock textiles consisting of various natural or synthetic fibers bonded to some type of backing material often constructed and sold in 12 to 15-foot wide rolls and often called "wall-to-wall" carpet; includes traditional mattresses made of a combination of foam and metal coil construction with upholstered exterior
Oil Filters	Oil Filters	Metal oil filters used in cars and other automobiles
Antifreeze	Antifreeze	Self explanatory
Wet-Cell Batteries	Wet-Cell Batteries	Wet-cell batteries of various sizes and types as commonly used in automobiles; includes lead-acid batteries

Main Material Category	Subcategory	Definition
E-Mobility Batteries	E-Mobility Batteries	Dry-cell batteries used for scooters, bicycles, and other motorized single user transportation
Vape Pens	Vape Pens	Vape cartridges typically composed of tank, atomizer, and battery pack
Rechargeable Batteries	Rechargeable Batteries	Rechargeable dry-cell batteries including nickel-cadmium (NiCd), nickel-metal hydride (NiMH), lithium-ion (Li-ion), lithium-ion polymer (LiPo), and rechargeable alkaline batteries
Other Dry-Cell Batteries	Other Dry-Cell Batteries	Dry-cell batteries or various sizes and types as commonly used in households. Includes cell phone and button cell batteries
Water-Based Adhesives/Glues	Water-Based Adhesives/Glues	Water or oil/resin/volatile solvent-based glues and adhesives, including epoxy, rubber cement, two-part glues and sealers, and auto body fillers
Latex Paint	Latex Paint	Latex paint
Oil-Based Paint/Solvent	Oil-Based Paint/Solvent	Solvent-based paints, varnishes, and similar products; various solvents, including chlorinated and flammable solvents, paint strippers, solvents contaminated with other products such as paints, degreasers and some other cleaners
Pesticides/Herbicides/Rodenticides	Pesticides/Herbicides/Rodenticides	Variety of poisons with the purpose of discouraging or killing insects, weeds, vermin, or microorganisms; fungicides and wood preservatives, such as pentachlorophenol, are also included
Fluorescent Tubes/CFLs	Fluorescent Tubes/CFLs	Fluorescent light tubes and compact fluorescent light bulbs (CFL)
Mercury-Laden Wastes	Mercury-Laden Wastes	Thermostats, thermometers, and other items containing mercury
Compressed Gas Cylinders, Fire Extinguishers	Compressed Gas Cylinders, Fire Extinguishers	Compressed Gas Cylinders and fire extinguishers
Home Medical Products	Home Medical Products	Syringes, IV bags, medical tubing
Pharmaceuticals	Pharmaceuticals	Both prescription and over-the-counter medications and supplements in all forms, including pills, liquid medications, creams, and ointments; does not include containers for these items, except for tubes for creams and ointments and other containers that cannot be easily separated from the product they contain
Other Potentially Harmful Wastes	Other Potentially Harmful Wastes	Caustic acids and bases whose primary purpose is to clean surfaces, unclog drains, or perform other actions; photography chemicals, chemistry sets; household disinfectants and pool chemicals; gasoline/diesel fuels; motor oils and automotive fluids not elsewhere classified; smoke detectors, explosives

# 2023 NYC Waste Characterization Study

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Conducted by the  
NYC Department of Sanitation (DSNY)

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