New York City Residential Curbside Organics Program: Fall 2024 / CY 2024 Quarterly Capture Rate Report

Summary:

- In October of 2024, the City extended Residential Curbside Organics Collection throughout all 59 districts across five boroughs. Citywide, the **capture rate for the Fall period (October-November-December) averaged to 4.6%.**

- Brooklyn, Queens, and certain "Opt-in" districts in the Bronx and Manhattan enjoyed Residential Curbside Organics Collection service for all of Calendar Year 2024. **The Citywide Residential Curbside Organics Collection capture rate for all boroughs for all of 2024 was 3.7%.**

What Does the Capture Rate Measure?

For Residential curbside organics, the capture rate addresses the question: "Of all the food scraps, yard trimmings, and compostable paper and packaging that residents could potentially set out for separate collection by DSNY if full participation were achieved, how much was actually set out?"

Residential Curbside Organics Capture Rates by Season: CY 2024

BOROUGH	1-winter	2-Spring	3-Summer	4-Fall	Total
Bronx	3.3%	4.3%	3.7%	3.0%	3.1%
Brooklyn	3.1%	3.1%	2.8%	4.9%	3.5%
Manhattan	2.2%	2.2%	2.1%	2.2%	2.2%
Queens	3.5%	3.8%	3.5%	5.8%	4.1%
Staten Island				13.2%	13.2%
Total	3.2%	3.4%	3.1%	4.6%	3.7%

Table 1. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS

- Staten Island's performance was relatively strong at 13.2% for the Fall period. Manhattan, with a Residential Curbside Organics Collection capture rate of 2.2%, was the lowest performer. Other Districts fell in between, none aside from Staten Island reaching double digits. Participation varied across households, with some contributing more and others less, or not at all. **In any city with an organics collection program, these rates—even Staten Island's rate -- would be considered low.** Seattles Organics Capture Rate, for example, is 60% citywide. Borough-specific curbside Residential capture rates for paper and metal/glass/plastic/carton recycling are significantly higher, shown here for comparison.

Residential Capture Rates Fall 2024

BOROUGH	Curbside Organics	Curbside Recycling
Bronx	3.0%	46.2%
Brooklyn	4.9%	53.0%
Manhattan	2.2%	59.0%
Queens	5.8%	59.8%
Staten Island	13.2%	66.0%
Total	4.6%	55.1%

Table 2. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS

There was **considerable variation in Organics Capture Rates among districts**. As shown below, rates ranged from a high of 13.6% for Staten Island District 2, to a low of 0.5% for Bronx District 4.

Fall 2024 Curbside Organics Capture Rates, by District and Stratum

High Density, High Income	BK10	MN01	MN02	MN04	MN05	MN06	MN07	MN08	QN02
	4.5%	1.2%	1.8%	2.9%	1.0%	2.0%	5.9%	1.3%	4.2%
High Density, Medium Income	MN09	MN12							
	2.1%	1.3%							
High Density, Low Income	BX01	BX02	BX03	BX04	BX05	BX07	MN03	MN10	MN11
	1.9%	0.4%	1.1%	0.5%	0.7%	0.6%	2.6%	1.7%	2.9%
Medium Density, High Income	BK02	BK06	BX08	QN06					
	8.5%	10.7%	7.0%	8.8%					
Medium Density, Medium Income	BK01	BK03	BK04	BK08	BK11	BK14	BX06	QN01	QN03
	2.2%	7.4%	3.9%	5.6%	2.4%	4.8%	0.5%	5.8%	2.7%
Medium Density, Low Income	BK09	BK12	BK13	BK16	BK17	BX09	QN04		
	4.1%	2.0%	3.2%	3.7%	5.8%	3.4%	2.0%		
Low Density, High Income	QN05	QN08	QN10	QN11	QN13	SI02	SI03		
	5.4%	7.4%	3.1%	10.6%	4.6%	13.6%	12.7%		
Low Density, Medium Income	BK07	BK15	BK18	BX10	BX11	QN07	QN09	QN12	QN14	SI01
	4.8%	4.5%	6.8%	6.6%	5.4%	4.5%	7.6%	10.5%	4.3%	13.4%
Low Density, Low Income	BK05	BX12							
	2.5%	7.6%							

District Counts for Curbside Organics Capture Rate

10% or above	6
>5%, <10%	15
>2%, =<5%	22
2% or below	16

Table 3. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS

At the full borough scale, only Brooklyn and Queens had the Residential Curbside Organics Collection program for all of Calendar Year 2024.

Over that year, Brooklyn residences set out over 11,800 tons; and Queens set out over 13,600 tons of organics. These properly separated food scraps, yard trimmings, and compostable paper were picked up by DSNY on weekly organics routes and processed through composting or anaerobic digestion within NYC.

Tons of Residential Compostable Organics Properly Set Out and Collected for Composting or Anaerobic Digestion CY 2024

BOROUGH	1-winter	2-Spring	3-Summer	4-Fall	Total
Bronx	97	138	118	1,481	**1,834**
Brooklyn	2,430	2,678	2,357	4,368	**11,833**
Manhattan	201	220	197	967	**1,584**
Queens	2,503	3,325	3,030	4,826	**13,683**
Staten Island				2,833	**2,833**
Total	**5,230**	**6,361**	**5,701**	**14,475**	**31,767**

Table 4. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS

Opt-in districts Bronx 8, and Manhattan 6 and 7, also had collection for a full year, joined by all other districts in each borough and Staten Island in the Fall of 2024. For all of 2024, districts in these boroughs generated another 6,250 tons of organics for composting or anaerobic digestion. **In total, for CY2024, residences properly separated and set out over 30,000 tons of organics** that were collected as organics by DSNY and routed to composting or anaerobic digestion.

During the same period, residences in Brooklyn disposed of nearly 360,000 tons of food scraps, yard trimmings, and compostable paper with the trash. In Queens, trashed organics were over 310,000 tons, despite having year-round service to collect them for beneficial use. These materials, along with another nearly 410,000 tons of trashed compostables from the Bronx, Manhattan, and Staten Island. **In total, over 1 million tons of compostable food scraps, yard trimmings, and compostable paper were sent to disposal in landfills and WTE incinerators in CY2024, despite weekly collection service for separated organics offered by DSNY.** With the exception of unserved areas in Manhattan, the Bronx and Staten Island in the Winter, Spring and Summer of 2024, all tonnages should have been composted or sent to anaerobic digestion, but due to non-participation ended in disposal.

Estimated Tons of Compostable Organics Left in Trash and Sent to Disposal, CY 2024

BOROUGH	1-winter	2-Spring	3-Summer	4-Fall	Total
Bronx	41,474	44,839	45,389	44,381	**176,083**
Brooklyn	84,745	93,131	89,206	90,812	**357,894**
Manhattan	37,117	39,266	38,455	39,214	**154,052**
Queens	70,548	81,398	81,804	77,058	**310,808**
Staten Island	17,928	21,730	21,022	18,562	**79,243**
Total	**251,812**	**280,365**	**275,877**	**270,027**	**1,078,080**

Table 5. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS

Compostable organics disposed with trash

This report will discuss pounds and tonnages of compostable organics mixed with regular, black-bagged trash and collected by DSNY during its twice- or three times-weekly refuse collections. These materials were sent to landfills and waste-to-energy (WTE) facilities along with other Residential trash.

This does not imply that DSNY collects properly separated organics and then disposes of them. Rather, when residents do not participate in the curbside organics program, they discard compostables with their regular trash, which is collected and treated as refuse.

- The large disparity between compostable organics collected for composting or anaerobic digestion, and quantities thrown out with trash, is not a reflection of the curbside program being new. It has been in place since October 2022 in Queens, and October 2023 in Brooklyn; and in some districts builds in past experience with essentially the same program between 2014 and 2020. Instead, this disparity stems entirely from **low participation rates among residents, property owners, and building managers. Low participation in turn reflects the effectiveness of DSNY's outreach and education efforts.**

- **To effectively improve this situation, the fact that the capture rate is low, has been low since 2014, and continues to be low under the Boroughwide approach under the Adams administration, must be recognized.** Then, it must be studied to understand the drivers of low participation. This study must be the product of collaboration among DSNY, the Mayor's Office, NYC Council, residents, community organizations and local NGOs, and businesses. Solutions will likely involve multiple approaches and require testing, going beyond inaccurate claims of simplicity, or based on untested expectations of planned enforcement. The first step is establishing accurate performance metrics, which this report presents.

- **The School Organics program doesn't make up for low Residential participation**. In CY2024, combined collections from Schools and SMART bins totaled 28,000 tons. Although School Organics participation is positive, Schools alone generate at most 50,000 tons per year of compostable organics, as compared to 1.1 million tons of potential compostables for the Residential stream. Because of disparities in scale, School performance cannot offset low Residential participation. Furthermore, the recent growth in School Organics tonnages is a simple reflection of two operational factors: (1) more Schools have been added to routes in the last year; and (2) these tonnages also reflect an unspecified level of Residential SMART bin usage. For these reasons, growing School Organics tonnages should not be confused or conflated with overall curbside organics program progress, or used to obscure Residential Curbside Organics Collection performance metrics.

Tons of School/SMART Bin Compostable Organics Properly Set Out and Collected for Composting or Anaerobic Digestion CY2024

BOROUGH	1-winter	2-Spring	3-Summer	4-Fall	**Total**
Bronx	1,661	1,429	772	1,587	**5,450**
Brooklyn	2,336	2,602	1,228	2,556	**8,722**
Manhattan	893	878	607	924	**3,302**
Queens	2,571	3,063	1,592	3,150	**10,377**
Staten Island	163	149	107	184	**603**
Total	**7,624**	**8,121**	**4,306**	**8,402**	**28,453**

Table 6. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS

Introduction

This report presents performance indicators for the New York City Department of Sanitation (DSNY)'s Residential and Schools curbside **Organic Organics Collections** programs.

For the Residential sector, the primary metric is the **Capture Rate**, which measures the percentage of compostable organics correctly separated and set out for collection, then processed through composting or anaerobic digestion into a beneficial end product. Additional metrics include **monthly per-household organics generation rates** (both for separated organics and those disposed of as trash) and **total tonnages collected**. These metrics are publicly accessible and can be independently verified using NYC Open Data and agency datasets.

For the School sector, available metrics are limited to **organics collection tonnages**, as the City does not publicize refuse tonnages for schools—data necessary to calculate a capture rate.

Interpreting the Capture Rate

A 5% capture rate, for example, indicates that 5% of all materials that could have been separated and set out by residents for collection—and subsequently composted or processed via anaerobic digestion by DSNY—were actually separated, set out, and collected. The remaining 95% was disposed of as part of Residential trash, which was then collected for export and disposal in regional landfills or incinerators.

In any city, a 5% capture rate would be considered low. For comparison, the capture rate for Residential curbside recycling of paper, metal, glass, and plastic is nearly 50%. In contrast, Seattle's Residential curbside Organics Capture Rate averages 60%.

Overall, Residential results indicate that the curbside **Organic Organics Collections** program remains inefficient, struggling to optimize truck capacity while delivering **limited environmental, social, and economic benefits** at a high cost. While some districts have shown improvement, others have experienced declining performance over time. Most notably, **DSNY lacks a coherent strategy** to address persistently low capture rates.

This report highlights both the program's achievements and its continued challenges, providing a foundation for developing **more responsive, transparent, and accountable strategies** to increase organics diversion from landfills and incinerators—critical to reducing greenhouse gas emissions and mitigating climate change.

This report does not provide specific policy recommendations, as they fall beyond its scope. However, I am available to discuss potential recommendations with any interested party.

Residential Curbside Organics Collection Performance

The first report in this series was issued at the end of **FY2024**, detailing **Residential Curbside Organics Capture Rate** achievements and progress over time. Since then, six additional months of data (July–December 2024) have become available.

Throughout **CY2024**, **35 districts** received continuous collection service, including all of **Queens and Brooklyn**, as well as **Manhattan Districts 6 and 7** and **Bronx District 9**. An additional **24 districts** across the **Bronx, Manhattan, and Staten Island** began service in **October 2024**.

Fall 2024 Performance

The **Fall 2024** season marked the first time that all **59 districts** across the five boroughs had **Residential Curbside Collection** service. During **October, November, and December 2024**, the citywide **capture rate** was **4.6%**. Staten Island performed nearly **three times higher than the citywide average** at **13.2%**, while Queens and Brooklyn achieved **5.8% and 4.9%**, respectively. The Bronx and Manhattan had the lowest performance, with capture rates of **3.0% and 2.2%**, respectively.

BOROUGH	2024 / 10	2024 / 11	2024 / 12	Total
Bronx	1.9%	4.2%	2.8%	**3.0%**
Brooklyn	3.7%	6.2%	4.7%	**4.9%**
Manhattan	1.1%	2.8%	2.8%	**2.2%**
Queens	4.7%	7.7%	5.0%	**5.8%**
Staten Island	8.9%	18.5%	12.3%	**13.2%**
Total	**3.3%**	**6.1%**	**4.4%**	**4.6%**

Table 7. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS

Over this three-month period, despite curbside organics collection being available in every borough and district, more than **270,000 tons** of compostable organics were discarded as trash and collected as refuse—just in this short timeframe. Importantly, **none of these 270,000 tons** were mismanaged by DSNY after being properly separated; rather, the issue stemmed from **low household participation** across the city.

With the exception of **Staten Island**, where capture rates were only modestly higher, participation remained minimal across all boroughs, resulting in the needless disposal of **hundreds of thousands of tons of compostable material**. This pattern mirrors the persistently low participation rates seen since the City first introduced **Residential Curbside Organics Collection** a decade ago.

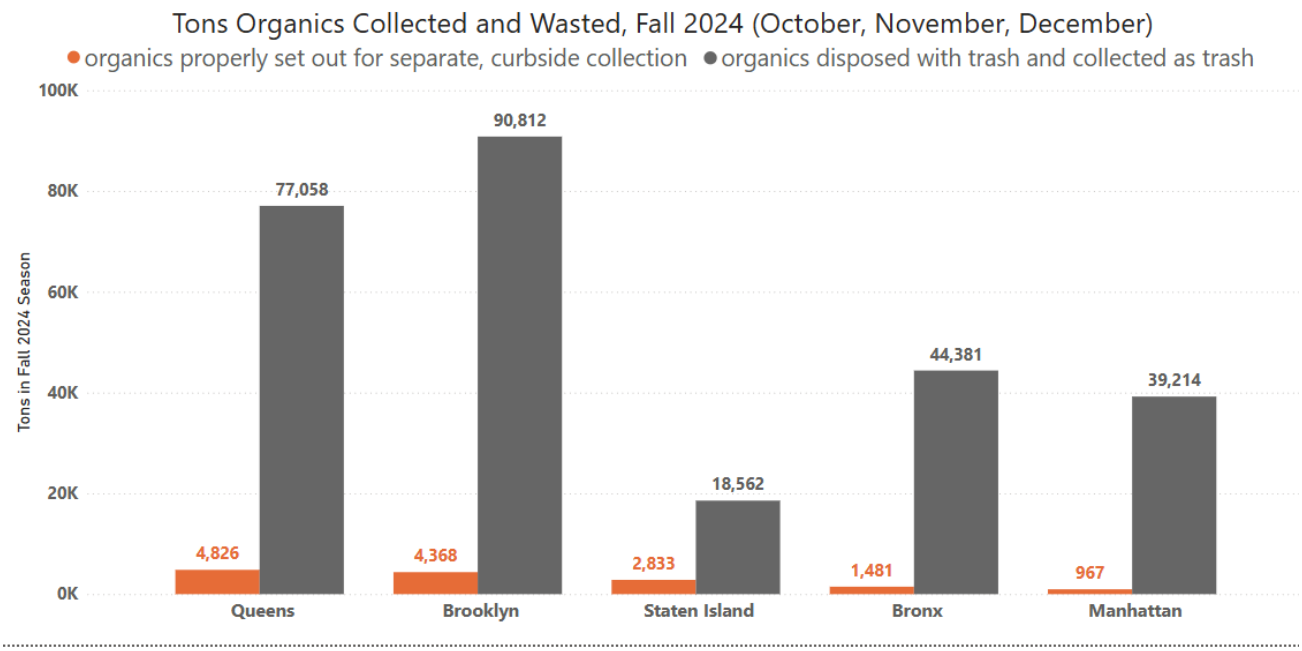


Figure 1. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS

Variation by District in Fall 2024

There was considerable variation by District, with all districts in Staten Island, two in eastern Queens, and Brooklyn District 6, achieving double digit Residential Curbside Organics Collection capture rates.

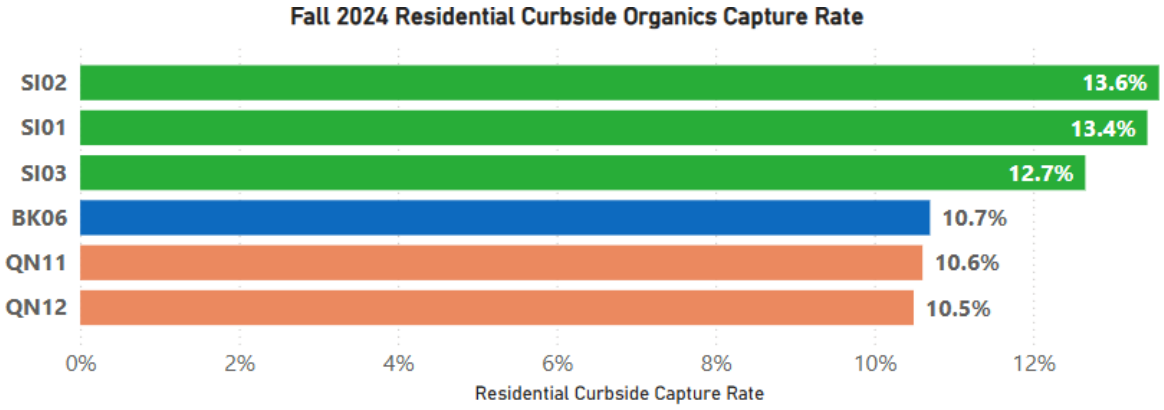


Figure 2. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS

However, sixteen districts, mainly in Manhattan and southern Bronx, but also including Brooklyn District 12 and Queens District 4, had capture rates of 2% or lower.

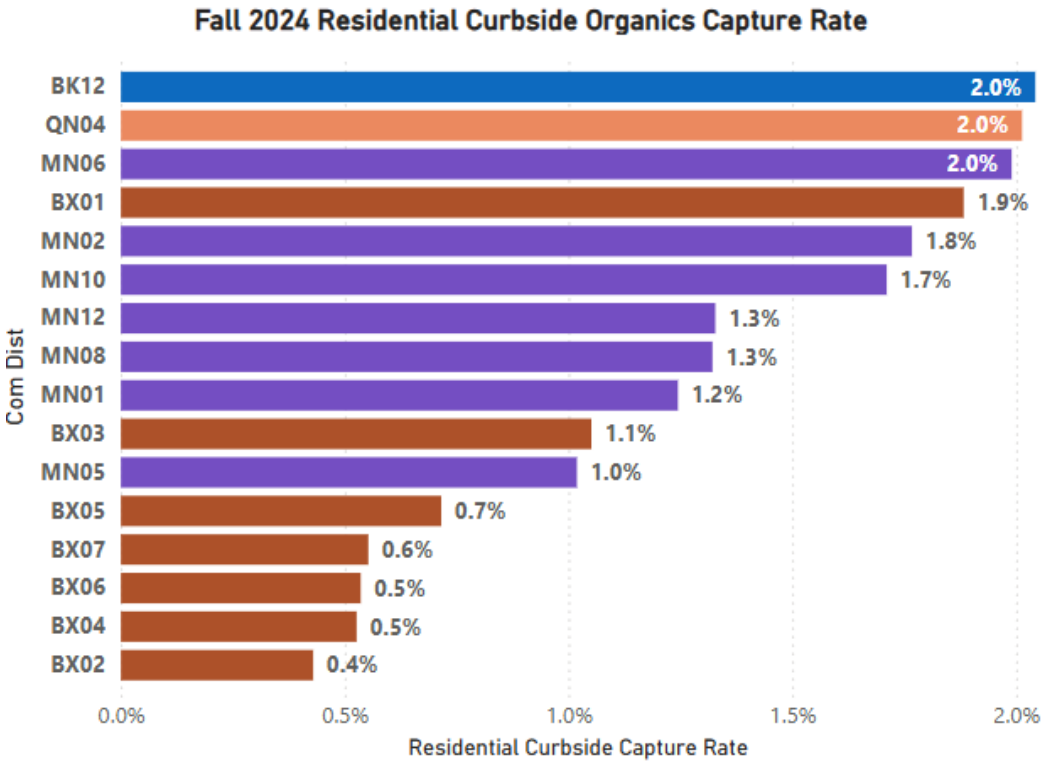


Figure 3. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS

Other Districts fell somewhere in between. Most districts attaining between 5 and 9% capture rates were in Queens, Brooklyn, or northern Bronx. Manhattan 7 stood out, reaching a rate of nearly 6%, the highest in that Borough.

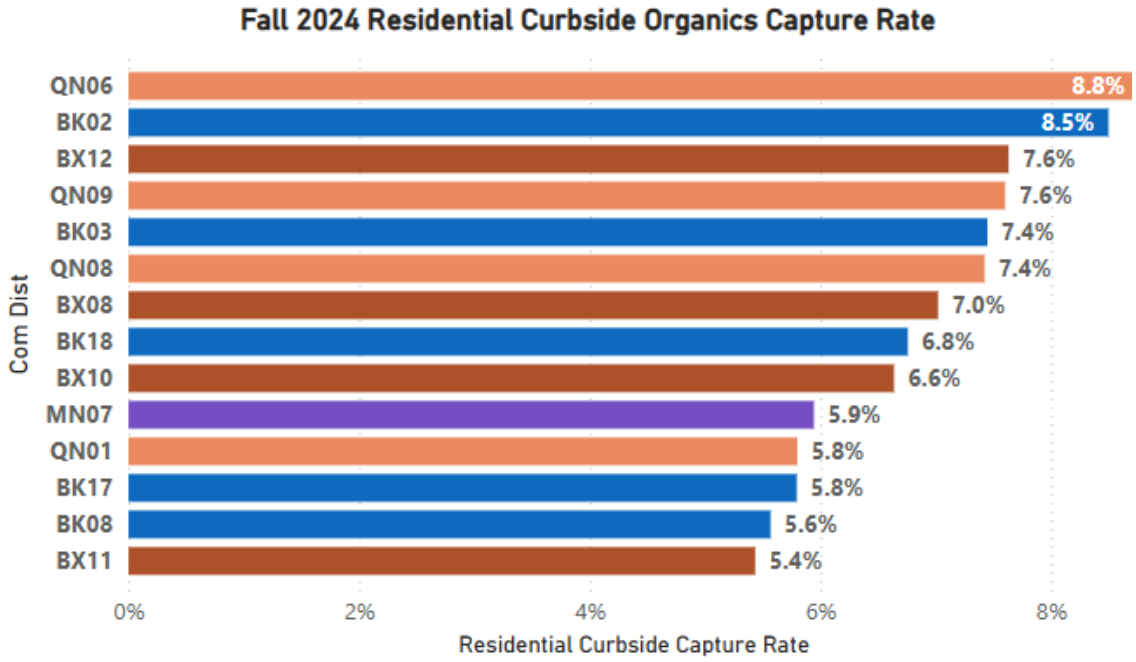


Figure 4. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS

Districts attaining a capture rate falling between 2 and 5% included represented Brooklyn, Queens, the Bronx and Manhattan.

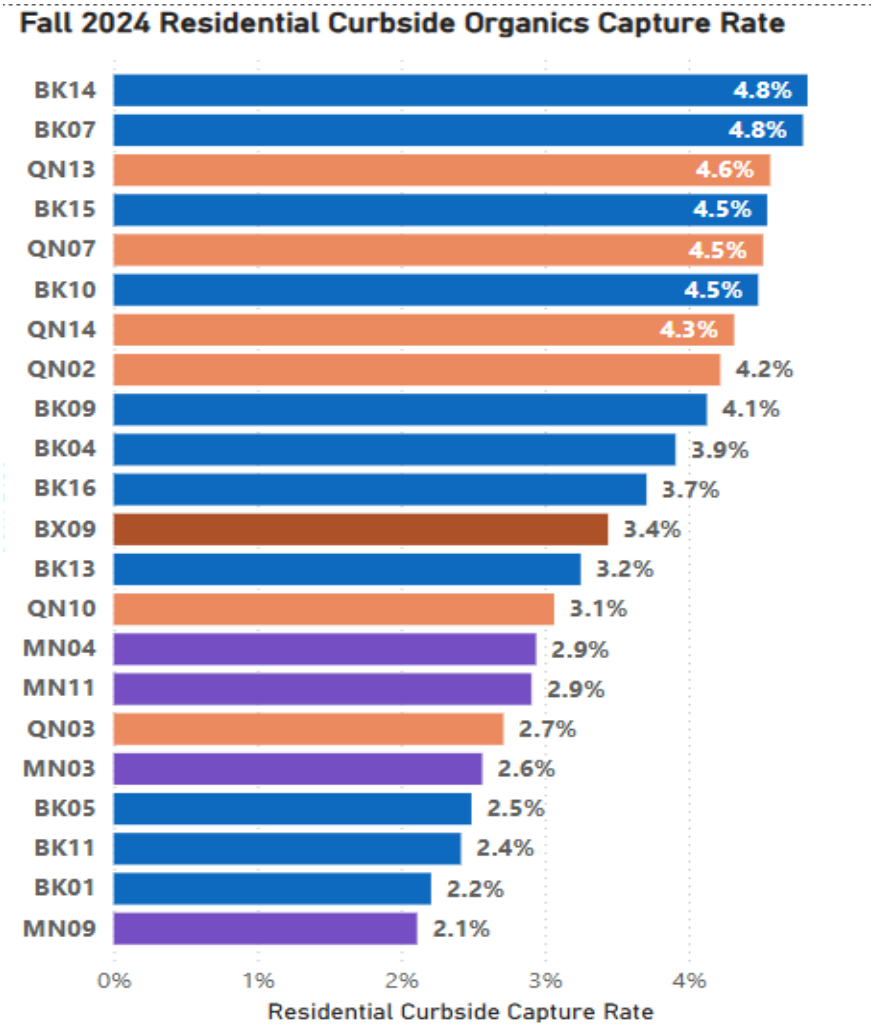
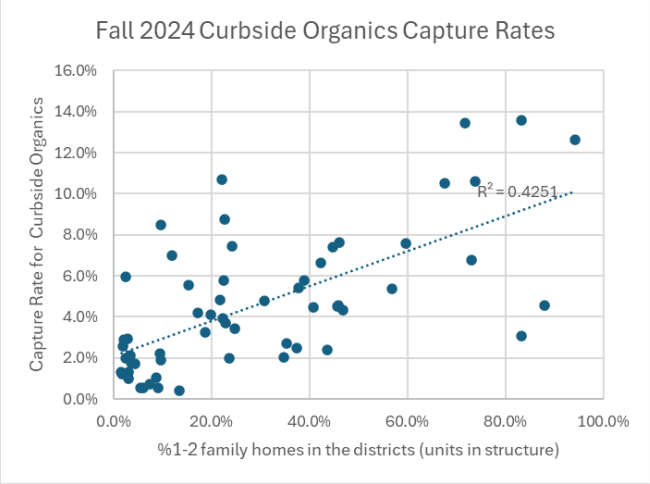


Figure 5. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS

Correlates of Variation Among Districts

Much of the variation among districts aligns with well-documented patterns related to housing density. As shown below, districts where one- to two-family homes predominate tend to have the highest capture rates, while areas dominated by large apartment buildings (10+ units) consistently lag behind. Other areas fall somewhere in between.

None of this is surprising—these trends have been observed throughout a decade of experience with the Curbside Organics Program.



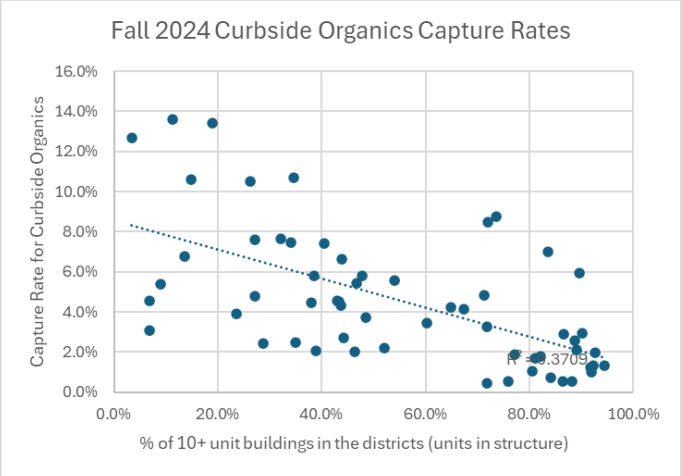
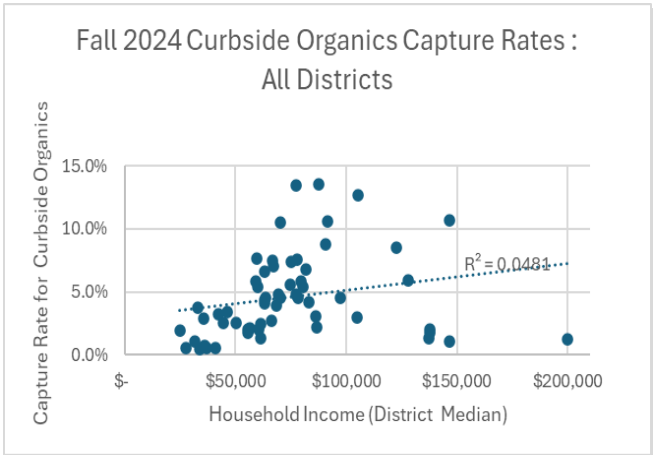


Figure 6a and 6b. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS; 2021 ACS data

Other trends present a more complex picture. When examining median household income by district, the correlation with Residential Curbside Organics Collection capture rates appears weak. In general, higher-income areas tend to have higher capture rates, but the relationship is not strong.

This income effect is much more pronounced for Curbside Recycling Capture Rates during the same period, as illustrated in the blue graph for comparison.



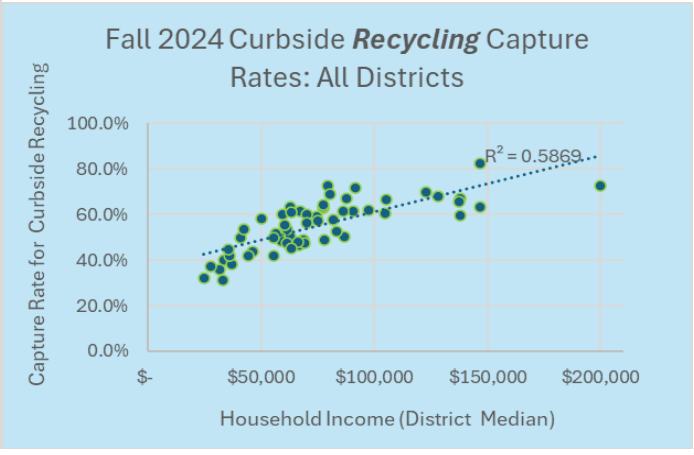
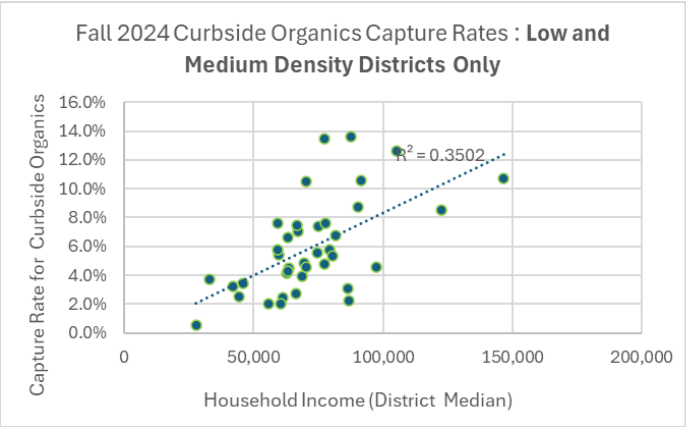


Figure 7a and 7b. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS; 2021 ACS data

Income Effect More Pronounced in Low and Medium Density Districts

If we separate out and low and medium density districts, we see that the income effect is stronger for both curbside organics and Curbside Recycling Capture Rates.



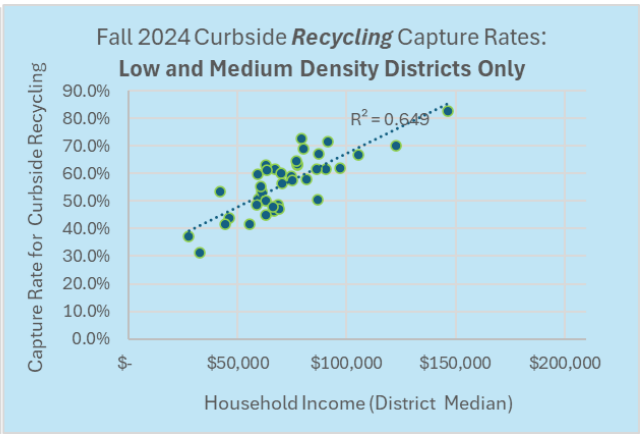
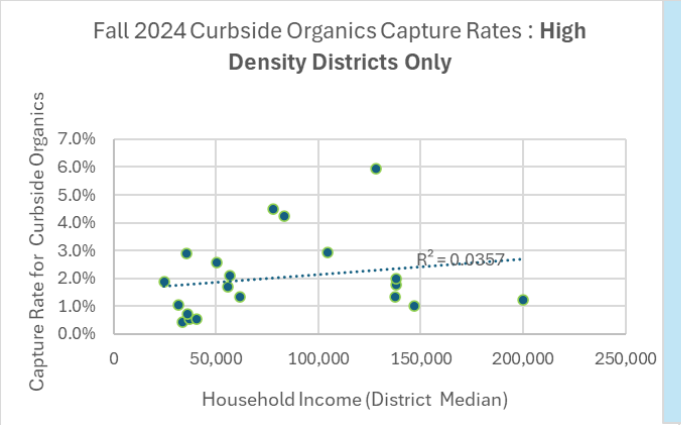


Figure 8a and 8b. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS; 2021 ACS data

When looking specifically at low- and medium-density districts, the relationship between income and capture rates becomes more pronounced for both Curbside Organics and Curbside Recycling programs.



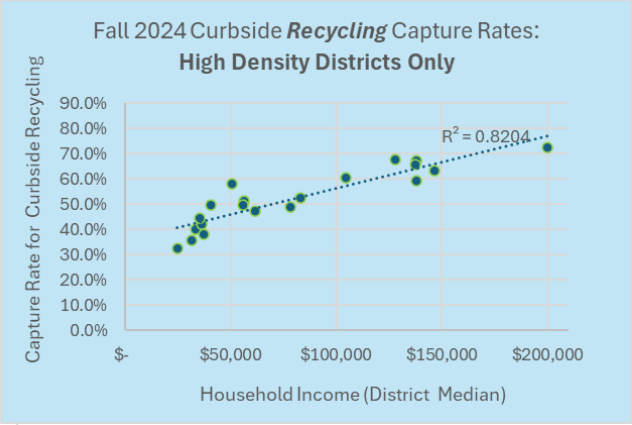


Figure 9a and 9b. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS; 2021 ACS data

In fact, several districts with **very high median household incomes** and **strong Recycling Capture Rates** had some of the **lowest Organics Capture Rates** in the city.

Com Dist	Stratum	Fall 2024 Capture Rate	Median Household Income ACS2021	Fall 2024 Curbside Only Recycling Capture Rate
MN01	HDHI	1.2%	$200,000	68.44%
MN05	HDHI	1.0%	$146,659	59.05%
MN06	HDHI	2.0%	$137,917	57.15%
MN02	HDHI	1.8%	$137,884	62.93%
MN08	HDHI	1.3%	$137,455	63.60%
MN07	HDHI	5.9%	$127,940	64.77%
MN04	HDHI	2.9%	$104,671	58.93%
QN02	HDHI	4.2%	$83,093	50.08%
BK10	HDHI	4.5%	$78,136	45.92%
MN12	HDMI	1.3%	$61,452	43.52%
MN09	HDMI	2.1%	$56,527	49.19%
MN10	HDLI	1.7%	$55,718	46.14%
MN03	HDLI	2.6%	$50,373	55.75%
BX07	HDLI	0.6%	$40,709	47.41%
BX04	HDLI	0.5%	$37,022	36.15%
BX05	HDLI	0.7%	$36,232	39.64%
MN11	HDLI	2.9%	$35,571	42.81%
BX02	HDLI	0.4%	$33,625	37.21%
BX03	HDLI	1.1%	$31,538	32.90%
BX01	HDLI	1.9%	$24,741	29.90%

Table 8. Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS; 2021 ACS data

Trends Over Time

This section examines trends in Residential Curbside Organics Collection capture rates among districts with prior experience in the program.

Before 2020, the program was limited to 1-9 unit buildings in 35 of NYC's 59 districts but was otherwise similar to the current model. Due to low participation, the program's expansion was paused in 2018 and later discontinued in 2020. During the gap in service, Community Composters provided extensive food scrap drop-off options.

The Residential Curbside Organics Collection program resumed in late 2021, now open to all dwelling sizes in districts that opted in through an application process with DSNY. The only districts to opt in were Brooklyn 1, 2, 6, and 7; Manhattan 6 and 7; and Bronx 6. These districts either resumed or began receiving collection in late 2021. The program expanded further in late 2022 to cover all districts in Queens, followed by Brooklyn in late 2023.

This historical context allows us to compare districts with prior program experience to their own past performance. Since capture rate, rather than total tonnage, is the key metric, comparisons account for the fact that the pre-2020 program served only 1-9 unit buildings.

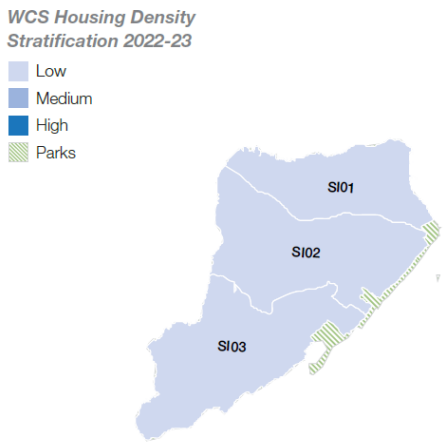
Examining these trends over time provides insights into:

- The actual performance record of each district before 2021, offering a basis for evaluating potential improvements.
- Whether the current iteration of the Residential Curbside Organics Collection program (launched in 2021) has led to measurable progress under the current administration.

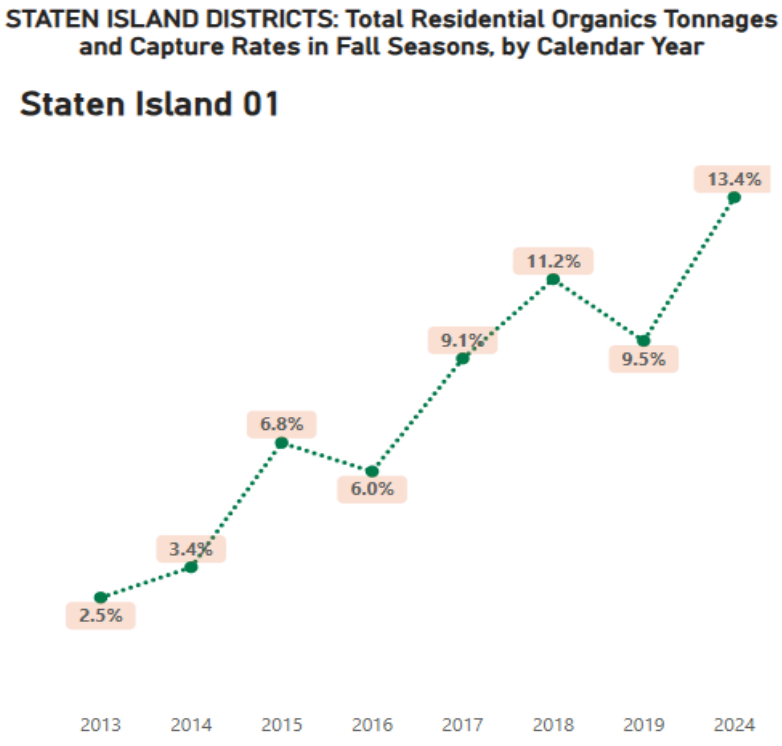
Data sources: DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS.

Low Density Districts: Leaves, Yard Waste, and Open Space

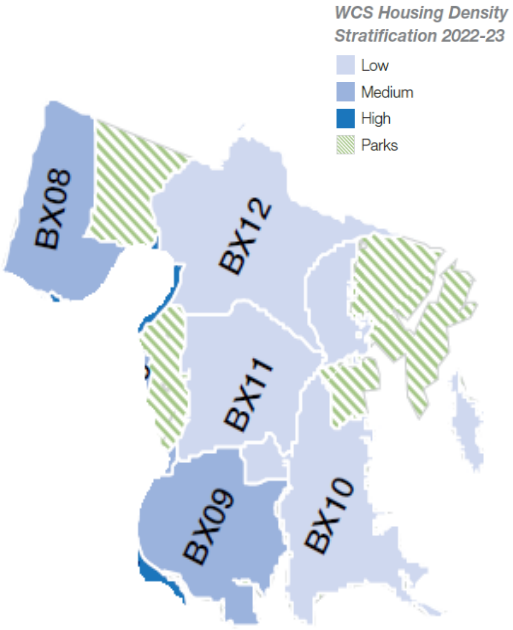
Staten Island



A clear superstar in Residential Curbside Organics Collection performance is Staten Island District 1, the first to pilot curbside organics in certain sections back in 2012. Not only did District 1 lead, along with Districts 2 and 3, in Fall 2024 capture rate, but its current rate is the highest in the City: 13.4%, up from its prior record by 2.4 percentage points.

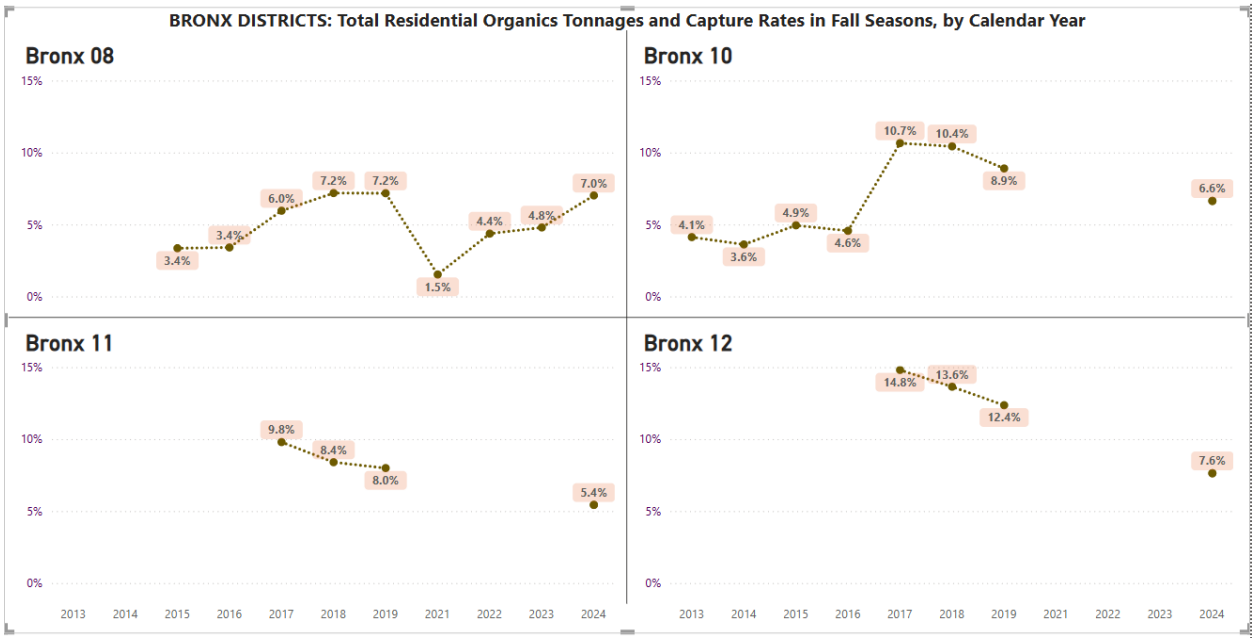


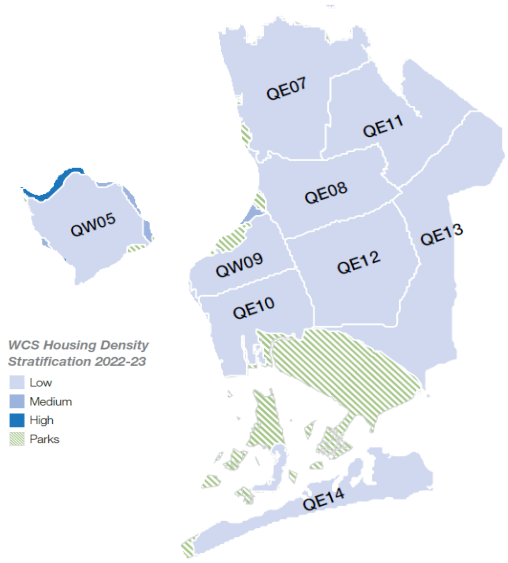
Northern Bronx



Bronx Districts 8,10,11 and 12 were also early adopters of the Residential Curbside Organics Collection. Although these districts are somewhat denser than those in Staten Island, they are still marked by single and two family homes, larger lots, and trees.

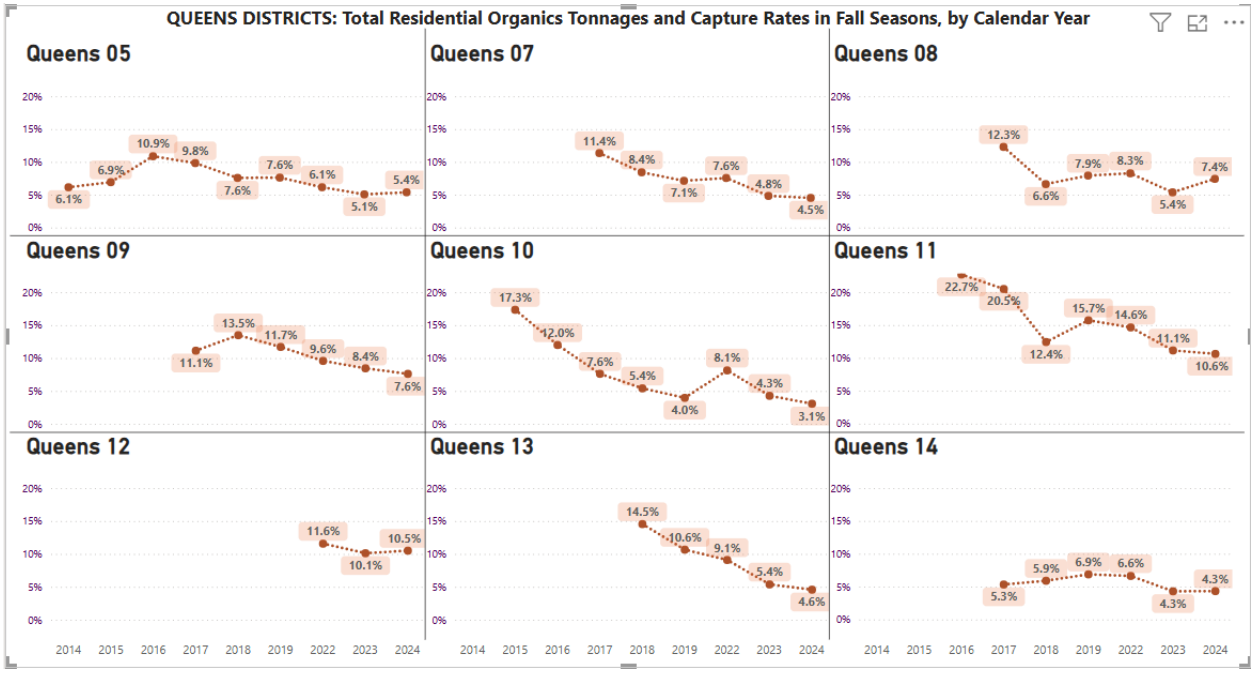
These Districts showed capture rates higher than the citywide average, and in one case (Bronx 8), Fall 2024 performance neared past records. Bronx 8 was an "Opt-in" District, that continued the Residential Curbside Organics Collection starting in late 2021. Other Bronx districts that had not had service resume until Fall 2024 showed lower performance than past records

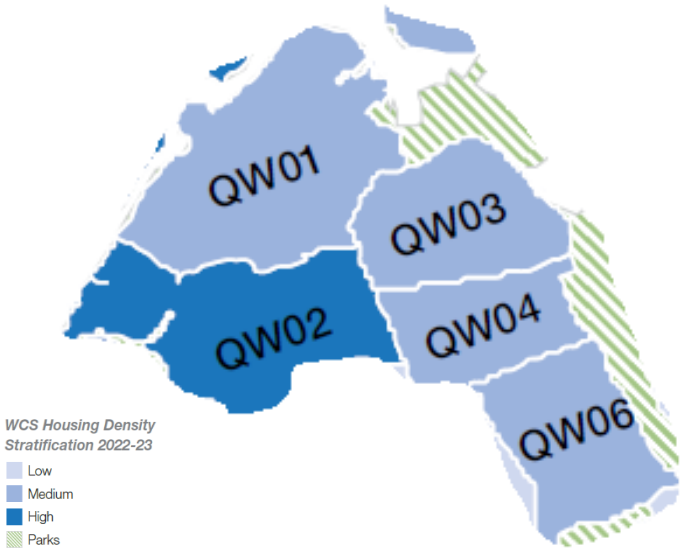




Eastern and Central Queens

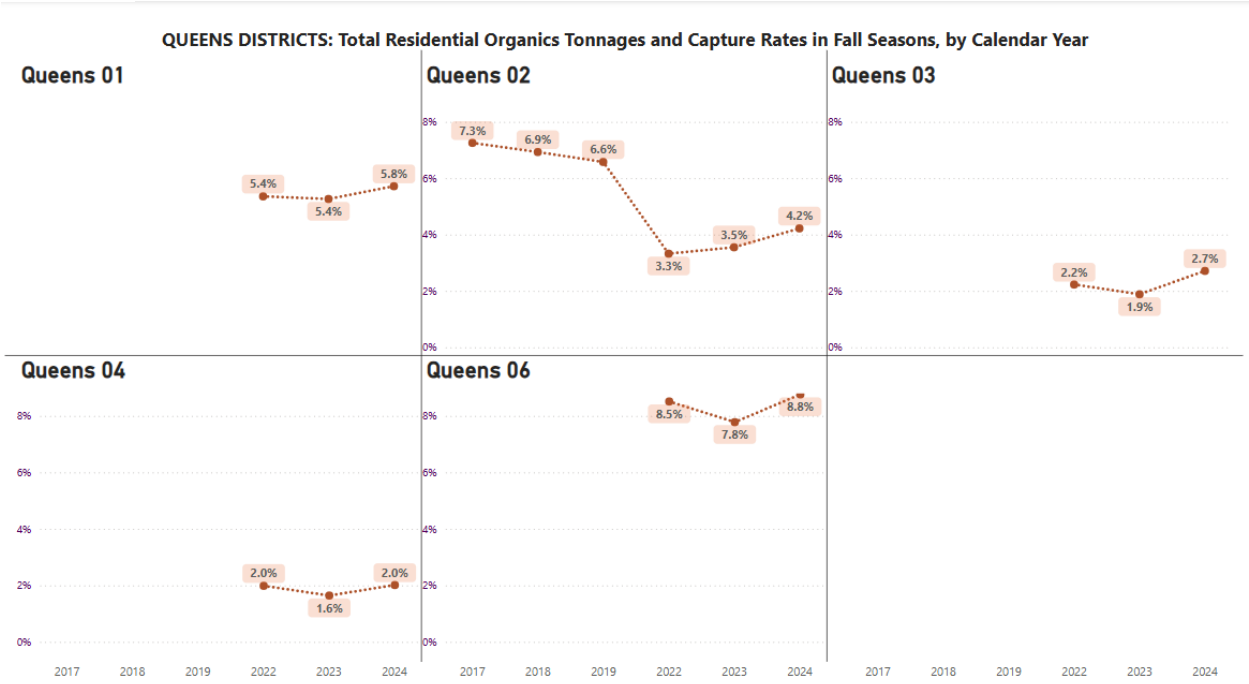
In the leafy suburban Districts of Eastern and Central Queens, something different was happening. All of these Districts show a downward trend for the Residential Curbside Organics Collection capture rate, most notably Queens 10 and 11.

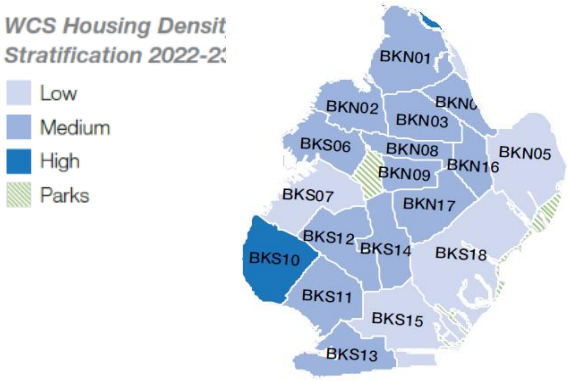




Western Queens

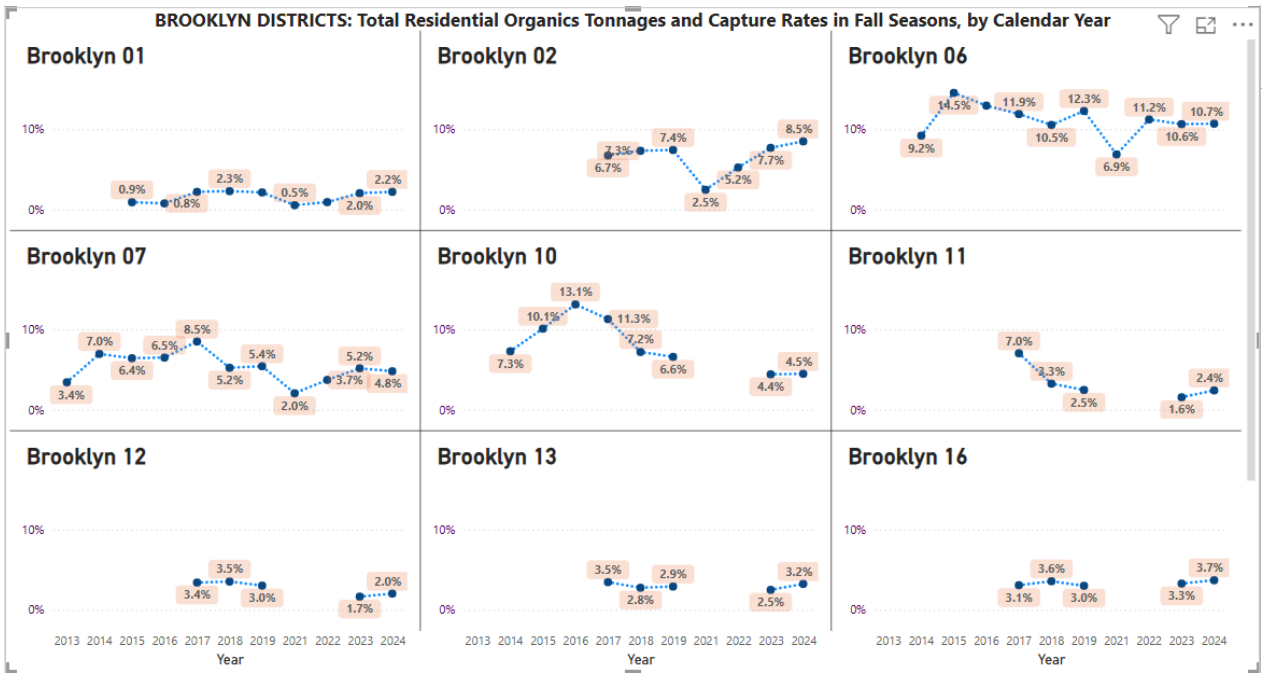
Western Queens has a mix of medium and high density neighborhoods. Performance in Queens 2, which has a long program history, dropped but rebounded somewhat. Other districts did the best their first Fall 2022 season of the current program, dipped in Fall 2023, and have rebounded slightly. None are in double digits.



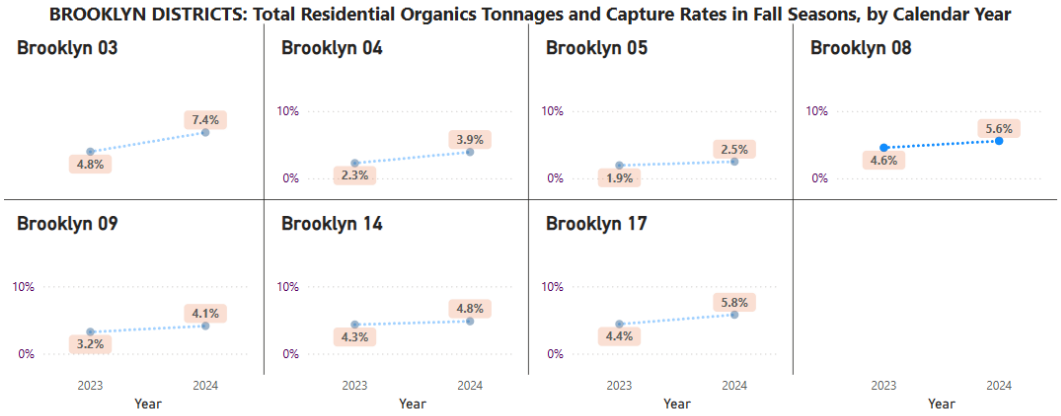


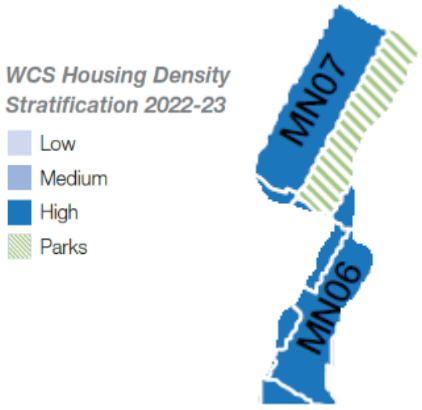
Brooklyn

A number of Brooklyn districts also began the program before 2021. One of them, Brooklyn 2, hit a record high capture rate of 8.5% in the Fall of 2024. Others show decline trends, including Brooklyn 6 and 7, which have long program histories and historically attained some of the higher capture rates in the City.

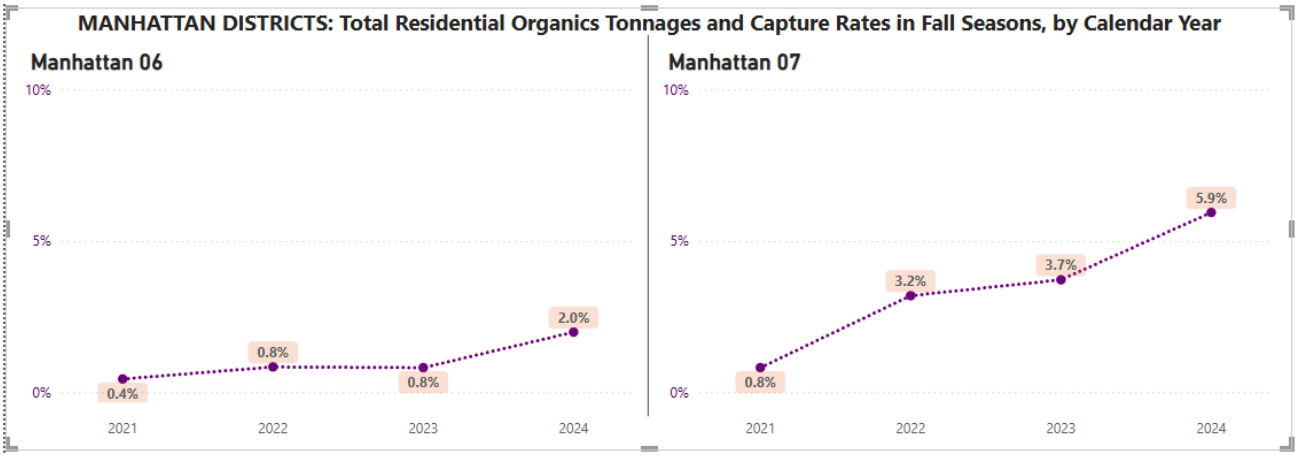


Districts in Brooklyn that started Residential Curbside Organics Collection in the Fall of 2023, when Boroughwide collection began, have across the board seen a slight increase in Fall capture rates, although none has reached double digits.

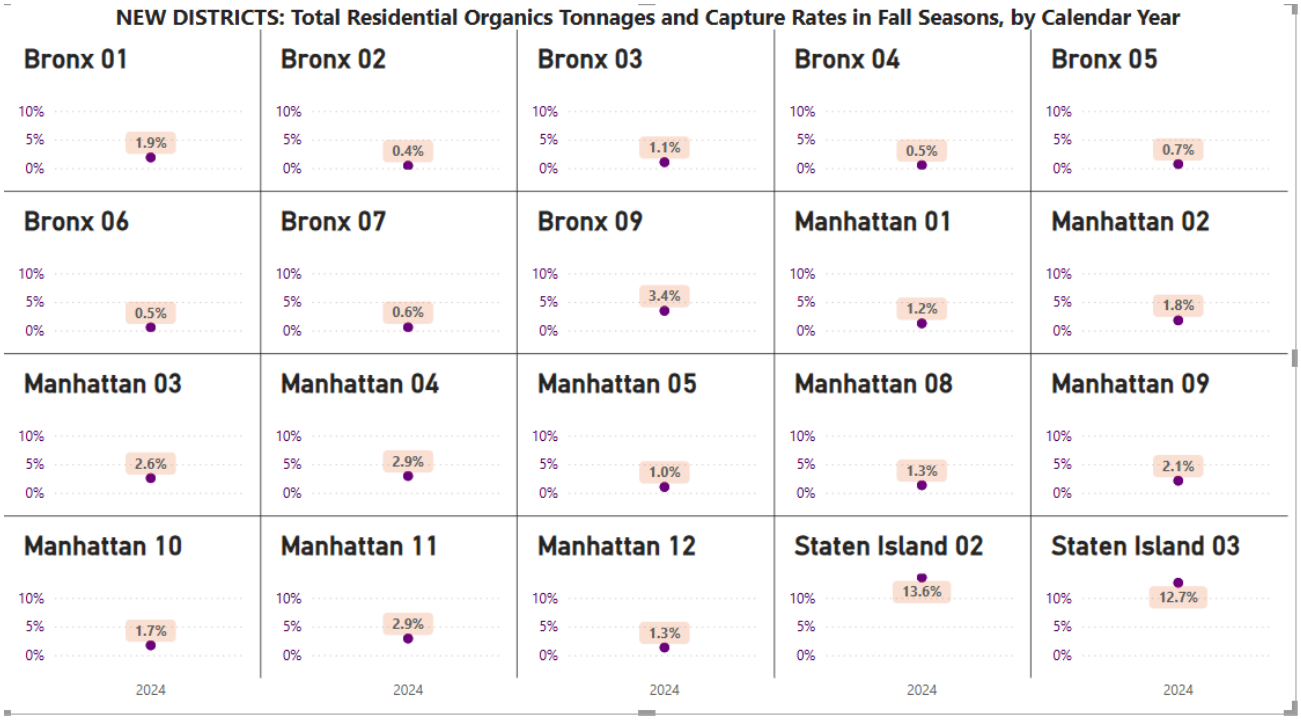




In Manhattan, we see a sharp uptick in capture rate for Manhattan 7, which should be studied as a model for high density areas; and a smaller uptick for Manhattan 6. Both of these districts were Opt-in districts, and their Fall performance in 2024 seemed to jump once the program was rolled out citywide.



Districts for which there are no trends over time are entirely new to curbside collection, not having been included in the 2014-2020 program expansion, nor, before October 2024, covered under the current program.



Interpreting Residential Curbside Organics Collection Capture Rate Changes

There are multiple ways to analyze the changes in capture rates among the 39 districts with prior or recent program experience.

One approach is to compare performance in districts that had Fall collection in both 2023 and 2024. This comparison reveals that the Bronx and Manhattan opt-in districts (BX08, MN07, and MN06) showed the most improvement over the year. In contrast, Queens and Bronx districts, which had full borough-wide coverage during this period, experienced smaller gains, averaging less than one percentage point, though some exceptions existed.

Overall, the Residential Curbside Organics Collection capture rate increased by just 0.6 percentage points between Fall 2023 and Fall 2024—a marginal change that does not indicate a consistent or meaningful trend of improvement.

Average Change in Curbside Organics Capture Rate: Fall 2023 to Fall 2024

Bronx	**2.2%**
BX08	2.2%
Brooklyn	**0.7%**
BK01	0.2%
BK02	0.8%
BK03	2.7%
BK04	1.7%
BK05	0.6%
BK06	0.1%
BK07	-0.4%
BK08	1.0%
BK09	0.9%
BK10	0.1%
BK11	0.9%
BK12	0.4%
BK13	0.7%
BK14	0.5%
BK15	0.6%
BK16	0.4%
BK17	1.4%
BK18	-0.5%

Manhattan	**1.7%**
MN06	1.2%
MN07	2.2%
Queens	**0.2%**
QN01	0.4%
QN02	0.7%
QN03	0.8%
QN04	0.4%
QN05	0.3%
QN06	1.0%
QN07	-0.3%
QN08	2.1%
QN09	-0.8%
QN10	-1.2%
QN11	-0.5%
QN12	0.4%
QN13	-0.8%
QN14	0.0%
Grand Total	**0.6%**

Bronx	2.2%
Brooklyn	0.7%
Manhattan	1.7%
Queens	0.2%
Grand Total	**0.6%**

Another way to assess changes over time is to compare districts that had Residential Curbside Organics Collection service between Fall 2014 and 2020 to their performance in 2024. With the exception of Staten Island District 1, every district is now participating at a lower rate than when it previously reached its highest capture levels.

It is important to note that the earlier program was limited to 1-9 unit dwellings, which historically have higher participation rates than 10+ unit buildings. The observed declines may largely be due to this shift, underscoring the need for a proactive strategy targeting larger residential buildings. This trend further reinforces insights from the Fall 2024 capture rate comparison, which highlights the persistent challenge of low participation in high-density housing.

Average Change in Fall Capture Rate Compared to Past Record Performance - for Districts Served between 2014 and 2020

Row Labels	Fall 2024 Capture Rate	Record Fall Capture Rate	Year of Fall Record	Fall 2024 vs. Past Record
Bronx	**6.7%**	**10.6%**		**-3.9%**
BX08	7.0%	7.2%	2018	-0.2%
BX10	6.6%	10.7%	2017	-4.0%
BX11	5.4%	9.8%	2017	-4.4%
BX12	7.6%	14.8%	2017	-7.2%
Brooklyn	**4.7%**	**7.2%**		**-2.5%**
BK01	2.2%	2.3%	2018	-0.1%
BK02	8.5%	7.4%	2019	1.1%
BK06	10.7%	14.5%	2015	-3.8%
BK07	4.8%	8.5%	2017	-3.7%
BK10	4.5%	13.1%	2016	-8.6%
BK11	2.4%	7.0%	2017	-4.6%
BK12	2.0%	3.5%	2018	-1.5%
BK13	3.2%	3.5%	2017	-0.2%
BK15	4.5%	8.0%	2017	-3.5%
BK16	3.7%	3.6%	2018	0.1%

Row Labels	Fall 2024 Capture Rate	Record Fall Capture Rate	Year of Fall Record	Fall 2024 vs. Past Record
Queens	**5.7%**	**13.0%**		**-7.2%**
QN02	4.2%	7.3%	2017	-3.0%
QN05	5.4%	10.9%	2016	-5.5%
QN07	4.5%	11.4%	2017	-6.8%
QN08	7.4%	12.3%	2017	-4.9%
QN09	7.6%	13.5%	2018	-5.9%
QN10	3.1%	17.3%	2015	-14.3%
QN11	10.6%	22.7%	2016	-12.1%
QN13	4.6%	14.5%	2018	-10.0%
QN14	4.3%	6.9%	2019	-2.5%
Staten Island	**13.4%**	**11.2%**		**2.2%**
SI01	13.4%	11.2%	2018	2.2%
Grand Total	**5.8%**	**10.1%**		**-4.3%**

Row Labels	Fall 2024 Capture Rate	Record Fall Capture Rate	Fall 2024 vs. Past Record
Bronx	6.7%	10.6%	-3.9%
Brooklyn	4.7%	7.2%	-2.5%
Queens	5.7%	13.0%	-7.2%
Staten Island	13.4%	11.2%	2.2%
Grand Total	**5.8%**	**10.1%**	**-4.3%**

These comparisons suggest that the low rates currently seen across the Residential Curbside Organics Collection are not the result of newness or unfamiliarity with which organics to separate, which days to put out compostables, or the concept of recycling organic materials rather than disposing of them. In other words, it doesn't make sense to expect gradual habituation to this program as everyone learns and gets comfortable, because there has been extensive experience already with program implementation.

In a few districts, a full year of experience has resulted in a capture rate increase of just over one percentage point. However, in most cases, rates remain stagnant, fluctuating only slightly. Districts with longer program histories generally show significant declines in capture rates, suggesting a combination of factors, including disillusionment with the program and persistent nonparticipation, particularly in buildings with 10 or more units.

Disillusionment is especially likely in eastern Queens districts, such as Queens 10 and 11, which historically had high participation rates but now show noticeable declines. These areas have relatively fewer large apartment buildings, making their decreasing performance particularly notable.

Comparison to History of Recycling Capture

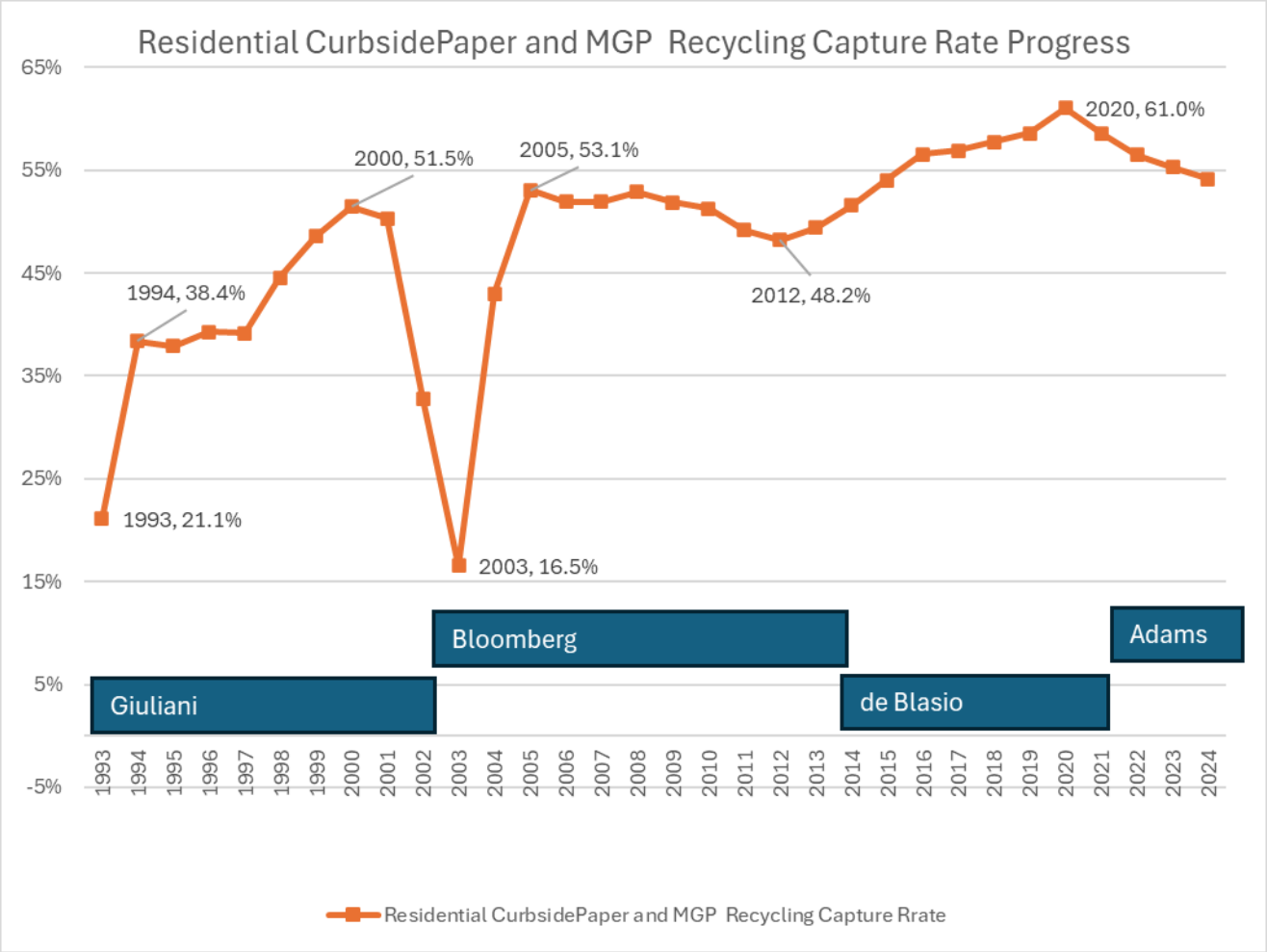
A current DSNY talking point suggests that we be patient with the low Residential Curbside Organics Collection capture rates that have been seen since the program was reintroduced in NYC in 2021. This argument claims that it took 10 years for Paper and Metal/Glass/Plastics/Cartons recycling to reach a 50% capture rate; and a similar gradual process will unfold with Residential Curbside Organics Collection, given time.

DSNY's records from the very earliest years of curbside recycling (Paper and MGP) don't support this assertion. DSNY's FOILable records begin in 1993, the year that curbside recycling was finally rolled out to all 59 districts. DSNY does not have records for the period 1989-1993, when curbside recycling gradually extended to more districts each year. Citywide coverage began in 1993.

Statistics from the period 1993-2024 show that the curbside Residential Recycling Capture Rate[i] **began at over 20%** and **jumped by over 17 percentage points in the first year of citywide service**. After this initial boost, it reached 50% within seven years. Note that this is the Recycling Capture Rate, not the recycling diversion rate that is more commonly reported.

As new materials (mixed paper, bulk metal) were added to the curbside program in the 1990s, the rate continued to increase substantially. We cannot assess the total rate of increase over a full decade because, post 2001, fiscal impacts of 9-11 led DSNY to suspend metal and glass from curbside recycling collection, and the capture rates predictably plummeted. Once the full range of materials was reinstated in 2004, rates bounced back quickly and stablilized, then began to decline somewhat until 2012, when they began to show improvement.

The behavior of the Recycling Capture Rate is not comparable to what we have seen in the Residential Curbside Organics Collection. Rates began not only in double digits, but above 20% -- a performance that is significantly higher than the best performing district for organics. Rates rose quickly and then stabilized before crashing due to programmatic cuts. Despite this hiccup, rates rebounded quickly after restoration of the full recycling program.



Putting School (+SMART Bin) Tonnages in Perspective

As noted above, DSNY tonnages classed as "School Organics" totaled over 28,000 tons in CY2024. This is a record achievement in NYC for two reasons. First, all Schools are included in curbside organics collection, whereas only some were in the past. Second, this quantity contains an additional amount from Residential use of SMART bins.

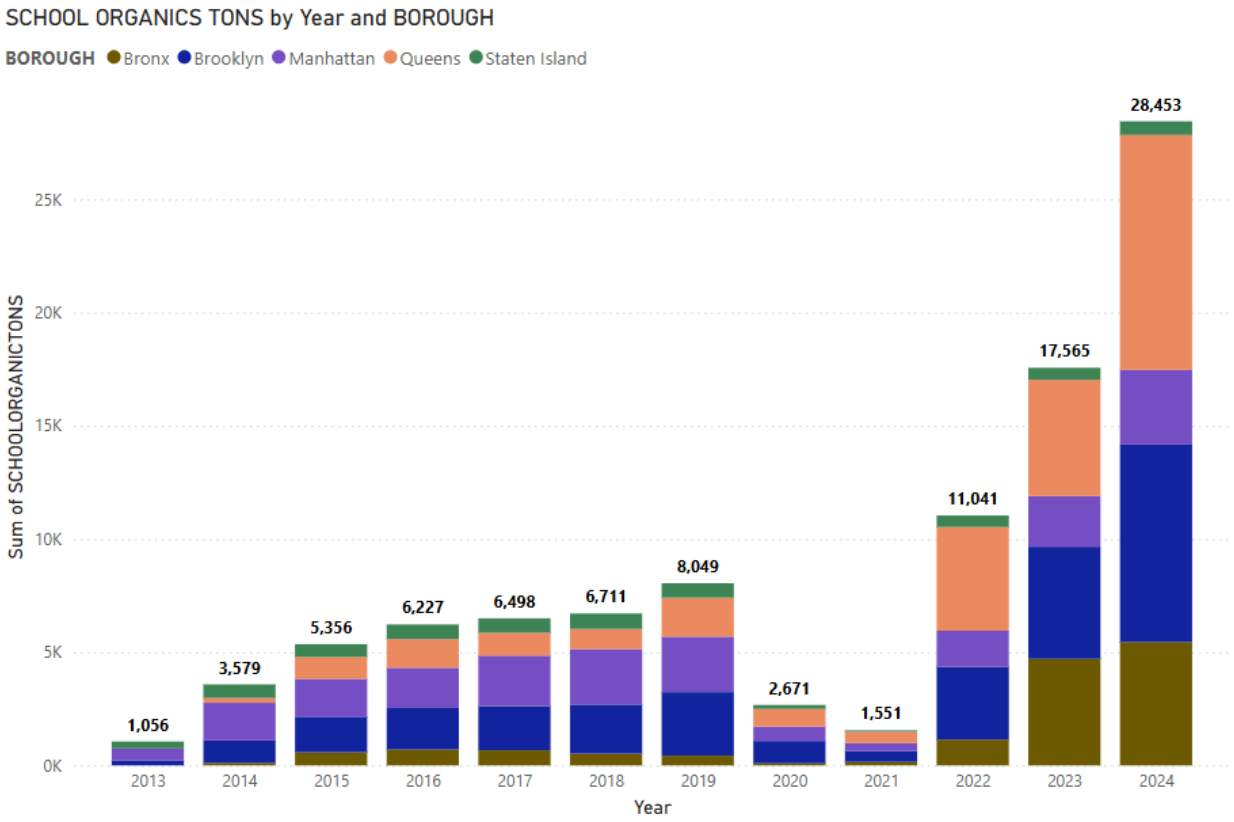


Figure 10. Data source: DSNY Monthly Tonnages on Open Data.

Presentation of School statistics as achievements of the City's overall curbside organics program must be understood in the context of the overall size of the organics waste stream for both types of generators. As shown below, Residential curbside organics targets over 1 million potential tons of compostables annually. The Schools waste stream is far smaller than the Residential waste stream. School organics generated are an estimated 50,000 tons annually; approximately 30% of which is separated for collection, according to the little information we have.

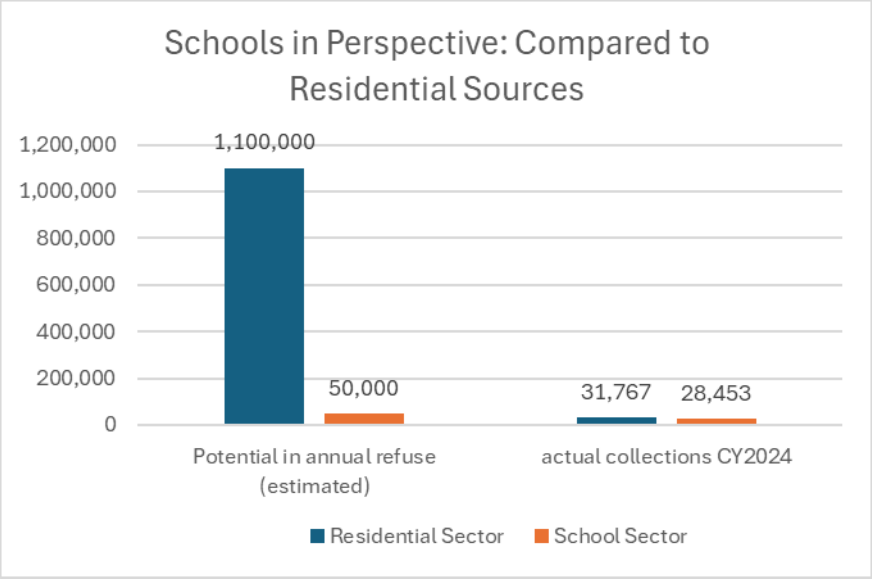


Figure 11. Data sources: legacy FOILed DSNY dataset 1993-2018; DSNY Monthly Tonnages on Open Data; DSNY 2023 WCS.

It is tempting to attribute progress in School Organics Collection tonnages with advances in education of children and staff. City testimony regularly frames the increase in School Organics performance as reflecting improved understanding and enthusiasm for organics among the New Yorkers of the future, in turn suggesting that work in Schools is a harbinger of success in Citywide Organics Policy.

This approach to framing obscures key operational factors:

1. As noted, roughly double the number of Schools are being serviced now as compared to 2020 and prior. A tonnage increase reflects expanded service, not better performance by Schools. DSNY does not publicize School capture rates, but has measured them at between 24% and 37% in their 2023 WCS.[ii]

2. The totals for "School Organics" reflect more separated organics tonnage than just Schools generate, but we don't know how much more. SMART Bins, which originated under the prior Administration, have been added to School routes. There continues to be no information on the relative quantities of School organics vs. SMART Bin organics, which is important given the fact that the latter are of Residential origin, and could be added to the Curbside Residential Organics Capture rates to give a better understanding of trends in this sector.

3. Unlike curbside Residential collections, which had a reported 4.0% contamination rate, School Organics have a contamination rate of almost 30%, meaning that almost 1/3 of these collections are not compostable organics. Combining both into a single capture rate elides this important difference.

DSNY understandably wants to portray the achievements of its Organics Programs in the best light. As shown in the agency's Fiscal Year 2024 Zero Waste report, which provides the only publicized data point on curbside Organics Capture Rate from DSNY, we see that in FY2024, over 49,000 tons of curbside organics were collected, out of a potential 1.136 million tons of compostables.

This 49K total reflected both Residential (25.2K) and School Truck (24.5K) organics that were properly separated for organics collection in FY2024. In other words, roughly equal quantities of Residential and School tonnages were picked up.

Organics

Organics is diverted through both curbside and non-curbside programs, as well as third party-vendors. The capture rate for organics is therefore inclusive of material collected curbside as well. Divertible organics collections are inclusive of food scrap drop-off sites, food rescued by partners such as City Harvest, Rikers food waste, landscaper waste, horse manure, and leaves/brush.

Organics FY24	
Tonnage Diverted Non-Curbside (A)	**75,703.18**
Tonnage Diverted Curbside (A)	**49,701.60**
Tonnage Collected Curbside (B)	**1,136,114.81**
All DSNY-Managed Organics (B)	**1,261,519.59**
Organics Capture Rate (B)	**9.9%**

Figure 12. Data source: DSNY FY2024 Zero Waste Report, 6

This approach to reporting allows DSNY to report a capture rate that is roughly double what it would be if Residential tonnages alone were assessed (that rate was 3.9% for Residential achievement in FY2024). DSNY statistics have not been published for CY2024, but are expected to show similar trends.

At an operational level, DSNY's primary responsibility is Residential collection, where the most meaningful and measurable reductions in waste and greenhouse gas emissions can be achieved—if Organics Capture Rates improve. No level of School performance can address the scale of organic waste that originates in households.

Appendix I: Methodology and Data Sources

Program generations overview

First generation program: This is the de Blasio-era Residential curbside program that provided automatic service to 1-9 unit households (10+ buildings were required to enroll in a special, different program). It was rolled out district by district, month by month, so service varied across months and districts within a fiscal or calendar year. The first full district to come online was Brooklyn 7 in 2013, although individual district sections had begun in other districts that year as well (not included in this analysis).

Interim opt-In program: This is the Adams-era Residential curbside program requiring enrollment and special rules. Only 7 out of 59 districts participated. Collections began between October and December 2021 and continue to the present (Bronx 08; Manhattan 06 and 07) or were subsumed into the second-generation program (Brooklyn 01, 02, 06 and 07).

Second generation program: This is the Adams-era Residential curbside program with automatic service to all households, including 1-9 unit and 10+ unit buildings. It began in October 2023 in Brooklyn, four months into the fiscal year and ten months into the calendar year. It began in October 2022 in Queens. The program paused in Queens between January and March 2023 (winter season), leading to varying service availability across months and districts.

All analyses measure only districts and full months of collection service.

District program dates are below (Appendix I Table 1).

Table 1: District program dates

BOROUGH	Community District	First generation program start DeBlasio-Era)	First generation program end	Interim opt-in program start (Adams-era)	Second generation program start (Adams-era)	
Bronx	BX01	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Bronx	BX02	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Bronx	BX03	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Bronx	BX04	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Bronx	BX05	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Bronx	BX06	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Bronx	BX07	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Bronx	BX08	9/1/2017	5/1/2020	12/1/2021	10/1/2024	
Bronx	BX09	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Bronx	BX10	8/1/2017	5/1/2020	1/0/1900	10/1/2024	
Bronx	BX11	8/1/2017	5/1/2020	1/0/1900	10/1/2024	
Bronx	BX12	9/1/2017	5/1/2020	1/0/1900	10/1/2024	
Brooklyn	BK01	5/1/2015	5/1/2020	12/1/2021	10/1/2023	
Brooklyn	BK02	6/1/2017	5/1/2020	12/1/2021	10/1/2023	
Brooklyn	BK03	1/0/1900	5/1/2020	1/0/1900	10/1/2023	
Brooklyn	BK04	1/0/1900	5/1/2020	1/0/1900	10/1/2023	
Brooklyn	BK05	1/0/1900	5/1/2020	1/0/1900	10/1/2023	
Brooklyn	BK06	10/1/2015	5/1/2020	12/1/2021	10/1/2023	
Brooklyn	BK07	11/1/2013	5/1/2020	12/1/2021	10/1/2023	
Brooklyn	BK08	1/0/1900	5/1/2020	1/0/1900	10/1/2023	
Brooklyn	BK09	1/0/1900	5/1/2020	1/0/1900	10/1/2023	
Brooklyn	BK10	5/1/2015	5/1/2020	1/0/1900	10/1/2023	
Brooklyn	BK11	7/1/2017	5/1/2020	1/0/1900	10/1/2023	
Brooklyn	BK12	7/1/2017	5/1/2020	1/0/1900	10/1/2023	
Brooklyn	BK13	6/1/2017	5/1/2020	1/0/1900	10/1/2023	
Brooklyn	BK14	1/0/1900	5/1/2020	1/0/1900	10/1/2023	
Brooklyn	BK15	6/1/2017	5/1/2020	1/0/1900	10/1/2023	
Brooklyn	BK16	5/1/2017	5/1/2020	1/0/1900	10/1/2023	
Brooklyn	BK17	1/0/1900	5/1/2020	1/0/1900	10/1/2023	
Brooklyn	BK18	1/0/1900	5/1/2020	1/0/1900	10/1/2023	
Manhattan	MN01	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Manhattan	MN02	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Manhattan	MN03	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Manhattan	MN04	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Manhattan	MN05	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Manhattan	MN06	1/0/1900	5/1/2020	10/1/2021	10/1/2024	
Manhattan	MN07	1/0/1900	5/1/2020	10/1/2021	10/1/2024	
Manhattan	MN08	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Manhattan	MN09	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Manhattan	MN10	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Manhattan	MN11	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Manhattan	MN12	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Queens	QN01	1/0/1900	5/1/2020	1/0/1900	10/1/2022	
Queens	QN02	11/1/2017	5/1/2020	1/0/1900	10/1/2022	
Queens	QN03	1/0/1900	5/1/2020	1/0/1900	10/1/2022	
Queens	QN04	1/0/1900	5/1/2020	1/0/1900	10/1/2022	
Queens	QN05	11/1/2016	5/1/2020	1/0/1900	10/1/2022	Queens collections that started October-22 were suspended in Jan-2023, Feb-2023 and part of March-2023. They resumed April-2023 in full.
Queens	QN06	1/0/1900	5/1/2020	1/0/1900	10/1/2022	
Queens	QN07	10/1/2017	5/1/2020	1/0/1900	10/1/2022	
Queens	QN08	10/1/2017	5/1/2020	1/0/1900	10/1/2022	
Queens	QN09	11/1/2017	5/1/2020	1/0/1900	10/1/2022	
Queens	QN10	10/1/2015	5/1/2020	1/0/1900	10/1/2022	
Queens	QN11	12/1/2016	5/1/2020	1/0/1900	10/1/2022	
Queens	QN12	1/0/1900	5/1/2020	1/0/1900	10/1/2022	
Queens	QN13	5/1/2018	5/1/2020	1/0/1900	10/1/2022	
Queens	QN14	11/1/2017	5/1/2020	1/0/1900	10/1/2022	
Staten Island	SI01	5/1/2015	5/1/2020	1/0/1900	10/1/2024	
Staten Island	SI02	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
Staten Island	SI03	1/0/1900	5/1/2020	1/0/1900	10/1/2024	
blue dates	indicate planned implementation in the future					
	indicates no curbside organics service during this period.					
In Manhattan and Bronx 01-07,09 there was high rise service requiring enrollment between FY2015 and FY2020; few buildings in districts were enrolled						

Appendix I Table 1

Current program simplicity evaluation

A comparison of the current Residential curbside organics program with its previous iterations over the past decade shows that it has not become significantly simpler. This is important because the City has publicly claimed that simplifying the program is a form of outreach that will lead to greater success. However, an examination of the program's characteristics, along with declining capture rates over time, indicates that this claim is inaccurate.

Simplicity Criterion	First generation (deBlasio-era) Program rolled out sequentially by district N. Bronx, Brooklyn, Queens and N. Staten Island, 5/13 – 6/18	Interim Opt-in (Adams-era) program (10/21-10/23 BK01,02,06,97; 10/21 to present MN06/07, BX08)	Second generation program (Adams-era) 10/22 to present Queens; 10/23 present Brooklyn; 10/24 scheduled Manhattan, Bronx and Staten Island)
Set it out every week on your recycling day	Yes	No	Yes
Use whatever bin you want	No, use DSNY-issued brown bin	No, use DSNY-issued brown bin	Yes
Anything from your kitchen or garden	Yes	Yes	Yes
Opt in	No for majority served (1-9 unit homes) opt in only for high rise buildings	Yes	No
Complicated rules	No	No	No
Restrictions	No	No	No
Special day	No	Yes	No
Limited hours	No	Yes	No
	as simple as second generation program		
	slightly more difficult than second generation program		
	subtantially more difficult than second generation program		

Appendix I Table 2

DSNY has often made statements about current program simplicity, as for example in this City council testimony:

> …one of the important things about it is that it does some of its own outreach, right? The program is so much easier to use that basically the message is so much simpler than it's been in the past. Set it out every week on your recycling day, use whatever bin you want, anything from your kitchen, anything from your garden, no signup, no Opt-in, no complicated rules, no restrictions, no special day, no limited hours, right? It's so much easier to use, and that helps with the messaging and outreach.[iii]

Definition of the capture rate

Applied to Residential Curbside Organics Collections, the capture rate has three basic ingredients: organics tonnages, refuse tonnages, and refuse composition percentages showing the percent of organics in collected refuse. In the numerator go tonnages of organics that have been separated and set out for collection. In the denominator there is that same tonnage, plus an estimate of the unseparated organics that were left, incorrectly, in the trash that was subsequently picked up. The table below summarizes the formula for the Organics Capture Rate.

Unit of Measurement	Symbol	Metric
organics tonnage		quantity collected for beneficial use (composting/AD, etc.)
refuse tonnage		quantity collected as refuse (trash) for disposal
organics percentage in refuse		refuse composition (including compostable organics)
tonnage estimate of organics left in refuse	× =	estimated compostable organics tonnage in refuse (% organics x refuse tonnage)

Organics Capture Rate

Appendix I Table 3

Figure 13. Collection tonnages and waste composition are all one needs to calculate a capture rate. Some municipalities subtract contamination from the recycling or organics tonnage, which lowers overall capture rates. This step is useful, but for trend analysis not strictly necessary. To calculate capture rates for subcategories of organics, like food scraps or yard trimmings, requires data on organics composition as well as refuse composition.

Geographies for which capture rate was reported

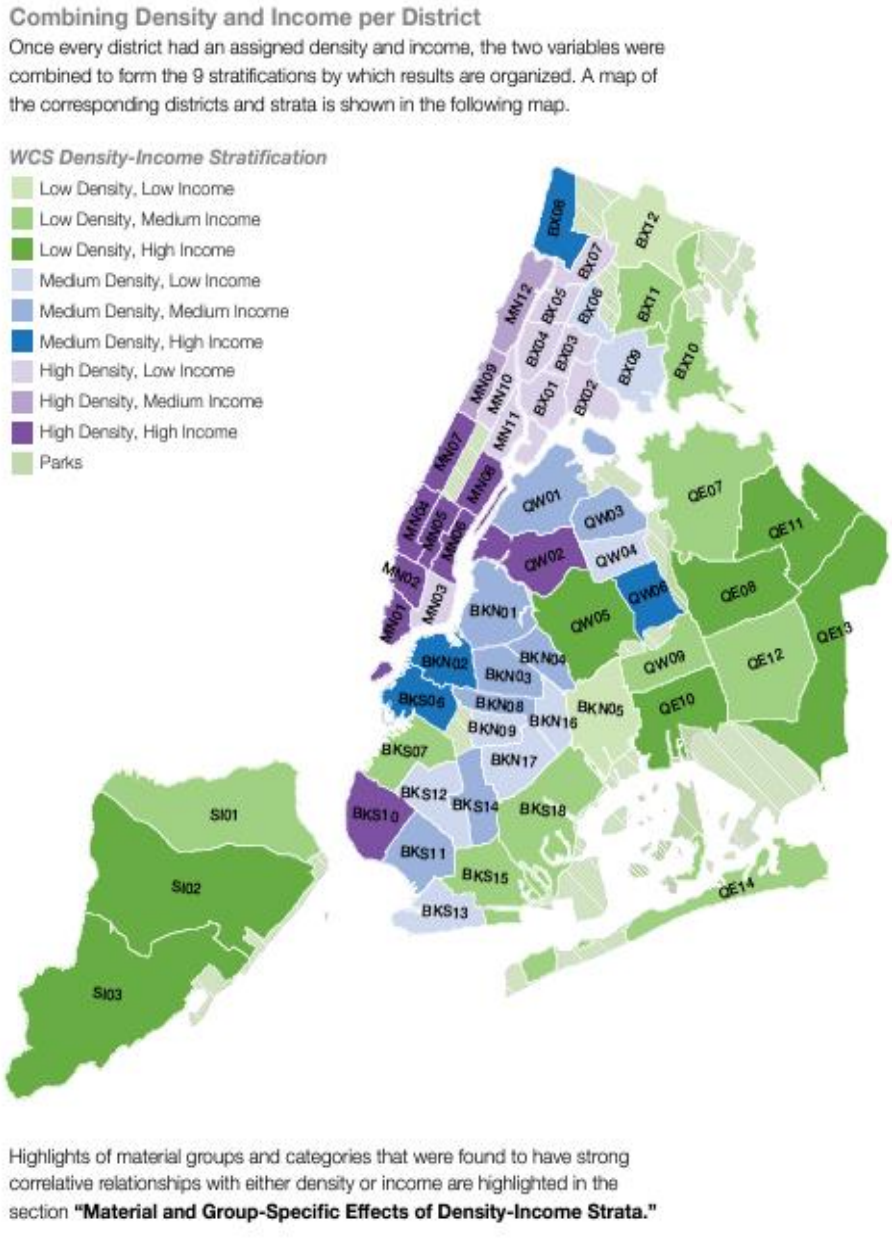
To assess Residential curbside Organics Capture Rate, relevant New York City geographies include the entire city (citywide), its five boroughs (Bronx, Brooklyn, Manhattan, Queens, Staten Island), and its 59 community districts. Community districts align with Sanitation districts.

As noted above, to calculate an Organics Capture Rate requires tonnages of refuse and separately collected organics, plus a percentage estimate organics as a percentage of refuse. The 2023 Waste Characterization Study reported refuse composition results for the following geographies:

Geography	Refuse Composition presented in DSNY 2023 WCS?	Capture in this report used
Citywide	Yes	refuse composition as reported
Stratum	Yes	refuse composition as reported
District	No	refuse composition applied to districts by stratum assignment
Borough	No	refuse composition averaged from districts within borough

Appendix I Table 4

A note on Stratum or Strata: The 2023 Waste Characterization Study grouped all 59 districts into nine "strata" based on housing density and median household income: HDHI, HDMI, HDLI, MDHI, MDMI, MDLI, LDHI, LDMI, LDLI (where H/M/L stand for high/medium/low; D/I stand for density/income). A map of districts and their designations is shown below.

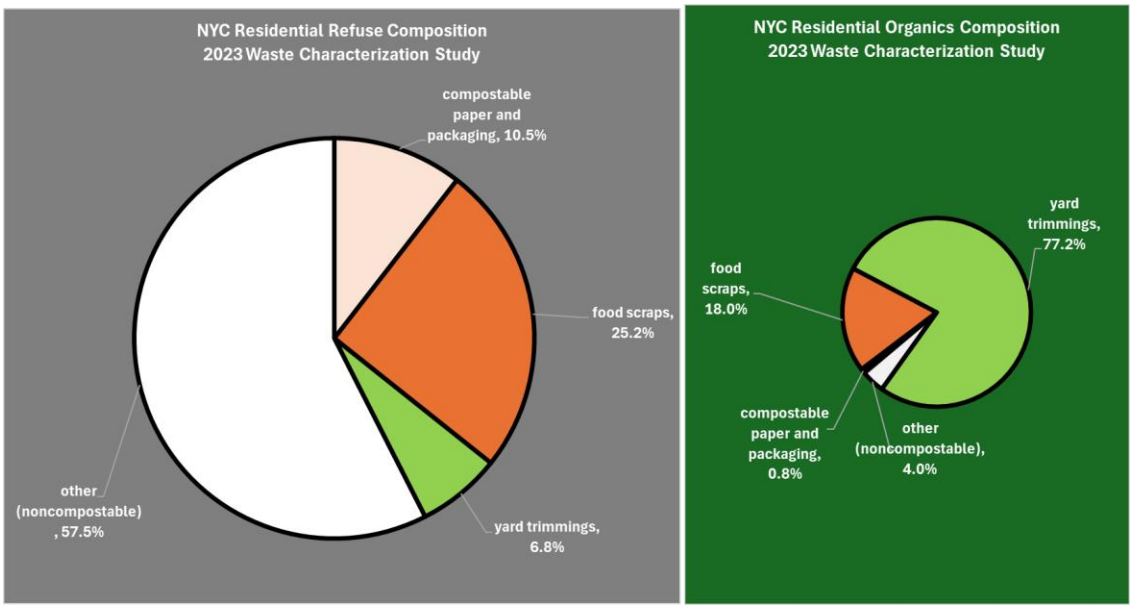


Highlights of material groups and categories that were found to have strong correlative relationships with either density or income are highlighted in the section **"Material and Group-Specific Effects of Density-Income Strata."**

Appendix I Illustration 1. Taken from NYC Department of Sanitation report. "2023 Waste Characterization Study." New York, N.Y., April 2023. https://www.nyc.gov/site/dsny/resources/reports/waste-characterization.page.

Capture Rates for subcategories of compostable organics

The 2023 NYC Waste Characterization Study reported the composition of the citywide Residential refuse stream (left) and the much smaller Residential curbside organics stream (right)



Appendix I Figure 1.

Using these proportions and the actual tonnages of trash and organics collected, one can calculate a citywide capture rate for organics subcategories. Only citywide results are available, because the 2023 WCS did not report organics subcategory percentages by stratum.

The overall citywide capture rate for all organics is 3.8%. The capture rate is much higher for yard trimmings (16.2%), lower for food scraps (1.2%), and nearly zero for compostable paper and packaging.

waste composition category	2023 Citywide Residential Waste Characterization Results		FY2024 Residential Refuse Collections		FY2024 Residential Curbside Organic Collections	
	Refuse Percentage	Separated Organics Percentage	Citywide tons	Tons in areas with residential curbside organics service	Tons in areas with residential curbside organics service	Capture Rate
compostable paper and packaging	10.5%	0.8%	265,716	155,869	202	0.1%
food scraps	25.2%	18.0%	637,719	374,086	4,543	1.2%
yard trimmings	6.8%	77.2%	172,083	100,944	19,486	16.2%
compostable organics subtotal	*42.5%*	*96.0%*	*1,075,518*	*630,899*	24,231	*3.7%*
all other materials (noncompostable organics, plastics, metal, glass, residential C&D, electronics, hhw, recyclable paper/cardboard)	*57.5%*	*4.0%*	*1,455,113*	*853,569*	*1,010*	*contamination: this adds a percentage point to the capture rate*
Grand Total	**100%**	**100.0%**	**2,530,631.10**	**1,484,467.30**	**25,240**	**3.8%**

Appendix I Table 5

Waste Composition Statistics Used

DSNY's 2023 Waste Characterization Study data tables [iv] were used to identify the following statistics used in the capture rate analysis:

Geographic Scale estimated % of refuse that is compostable organics						Did 2023 WCS report this statistic directly?
Citywide						Yes
42.5%						
Borough						No, percentages were averaged for this analysis from stratum specific results for districts in that borough
Brooklyn	**43.0%**	Bronx	**41.5%**	Staten Island	**44.7%**	
Queens	**43.7%**	Manhattan	**39.3%**			
2023 Stratum **H=high; M=medium; L=low; D=density; I=income**						Yes
HDHI	**38.6%**	LDHI	**45.2%**	MDHI	**43.9%**	
HDLI	**39.6%**	LDLI	**43.0%**	MDLI	**42.4%**	
HDMI	**41.2%**	LDMI	**43.7%**	MDMI	**43.3%**	
individual district						
for example, BK01 is classed as MDLI. Its percentage of organics in refuse is 42.4%. Same method used for all districts with residential curbside organics collection service in place.						No, percentages were applied to districts falling into each stratum (see map from 2023 WCS report)

Appendix I Table 6

General Capture Rate Calculation Method

Capture Rate calculation formula

$$\frac{\text{Tons residential curbside organics}}{\text{Tons residential curbside organics} + (\text{\% compostable organics in refuse} * \text{Tons curbside refuse})}$$

Appendix I Table 7

This study uses a monthly average of capture rates rather than a straight annual tonnage capture rate, because some fiscal and calendar years include months when certain districts had no service. Including refuse generated during those months in the denominator would be misleading since residents lacked access to collection service. As shown in Table 9, monthly average capture rates are higher than the straight annual tonnage capture rates.

Capture Rate Calculation Methodology: Queens District 04 Example

Average Monthly Capture Rate in Months of Service Method (preferred)

CDLION	404						
restonsind1	1		from DSNY 2023 Waste Characterization Study		from DSNY Monthly Tonnages on NYC Open		Calculation
Year	**Fiscal Year**	**MONTH**	**2023 Housing Density/Income Stratum applying to District**	**Percent compostable organics in refuse of districts in this Density/Income Stratum**	**Tons curbside refuse**	**Tons residential curbside organics**	**Organics Capture Rate**
2022	**2023**	2022 / 10	**MDLI**	42.4%	4007.4	26.7	1.5%
2022	**2023**	2022 / 11	**MDLI**	42.4%	4081.1	51.8	2.9%
2022	**2023**	2022 / 12	**MDLI**	42.4%	4001	25.9	1.5%
2023	**2023**	2023 / 03	**MDLI**	42.4%	3868.4	5	0.3%
2023	**2023**	2023 / 04	**MDLI**	42.4%	3719.7	20.3	1.3%
2023	**2023**	2023 / 05	**MDLI**	42.4%	4180.7	23.3	1.3%
2023	**2023**	2023 / 06	**MDLI**	42.4%	4105.5	27.8	1.6%
Grand Total					**27963.8**	**180.8**	**1.49%**

Straight Annual Tonnage Method

CDLION	404						
restonsind1	(All)		from DSNY 2023 Waste Characterization Study		from DSNY Monthly Tonnages on NYC Open		Calculation
Year	**Fiscal Year**	**MONTH**	**2023 Housing Density/Income Stratum applying to District**	**Percent compostable organics in refuse of districts in this Density/Income Stratum**	**Tons curbside refuse**	**Tons residential curbside organics**	**Organics Capture Rate**
2022	**2023**	2022 / 07	**MDLI**	42.4%	4,051.4		0.0%
2022	**2023**	2022 / 08	**MDLI**	42.4%	4,155.7		0.0%
2022	**2023**	2022 / 09	**MDLI**	42.4%	4,040.2		0.0%
2022	**2023**	2022 / 10	**MDLI**	42.4%	4,007.4	26.7	1.5%
2022	**2023**	2022 / 11	**MDLI**	42.4%	4,081.1	51.8	2.9%
2022	**2023**	2022 / 12	**MDLI**	42.4%	4,001.0	25.9	1.5%
2023	**2023**	2023 / 01	**MDLI**	42.4%	3,981.5		0.0%
2023	**2023**	2023 / 02	**MDLI**	42.4%	3,321.3		0.0%
2023	**2023**	2023 / 03	**MDLI**	42.4%	3,868.4	5.0	0.3%
2023	**2023**	2023 / 04	**MDLI**	42.4%	3,719.7	20.3	1.3%
2023	**2023**	2023 / 05	**MDLI**	42.4%	4,180.7	23.3	1.3%
2023	**2023**	2023 / 06	**MDLI**	42.4%	4,105.5	27.8	1.6%
Grand Total					**47,513.9**	**180.8**	**0.87%**

Appendix I Table 8

Alternate Method not used in this analysis

In calculating a capture rate for paper, metal, glass and plastic recycling, DSNY uses aggregate (sum of refuse, recycling and organics, sometimes called "waste") as a baseline, using tonnage of collected recycling in the numerator, and aggregate tonnage of designated recyclables in the denominator. Compostable organics are roughly 1/3 of aggregate tonnage, with very low levels in recycling. For this reason, we use refuse as opposed to aggregate in the denominator. The effects on rates are negligible. If aggregate tonnages are used, capture rates are slightly lower.

Generator (Aggregate, Residential, Schoc	Residential	Residential			
Residential Strata (Citywide, HDHI, HDLI,	Citywide	Citywide			
Period (Annual, Season 1, Season 2)	Annual	Annual			
category	**Total Waste, or Aggregate %**	**Refuse (trash) %**	**Separated organics for composting or AD%**	**Paper recycling %**	**MGP (Metal, Glass, Plastic) recycling %**
Compostable: Paper & Packaging	9.0%	10.5%	0.8%	2.9%	2.3%
Food scraps	21.0%	25.2%	18.0%	1.1%	3.8%
Yard trimmings	5.7%	6.8%	77.2%	0.3%	0.2%
all other materials (non-compostable)	64.0%	57.5%	3.6%	95.8%	93.5%
Compostable subtotal	**35.7%**	**42.5%**	**96.0%**	**4.3%**	**6.3%**
Grand total	100%	100%	100%	100%	100%

data source: NYC Department of Sanitation, "2023 Waste Characterization Study"

this source is an often quoted statistic saying "one third of NYC's waste is compostable" It means 1/3 of refuse, paper recycling, MGP recycling, and organics diversion in total.

this percentage was used in capture rate analysis, applied to refuse tons in the denominator

organics misdirected into recycling are very low. This justifies using only refuse percentages in the analysis.

Appendix I Table 9

Pounds per household per month calculation method

For Residential curbside organics

This study reports pounds of separated curbside organics per household per month as a performance indicator, calculated at the district level as follows:

$$\frac{\text{tons curbside Residential organics collected per month} \times 2000}{\text{number of households in district}}$$

Total households are always used in the divisor for apples-to-apples comparison across years, even though fewer households were served in the first-generation program (1-9 unit households only) vs. in the Opt-in and second generation program (1-9 and 10+ unit households).

For Residential curbside refuse

This study reports pounds of organics left in Residential curbside refuse per household per month as another performance indicator, calculated at the district level as follows:

$$\frac{\text{tons curbside Residential refuse collected per month} \times 2000 \times \text{stratum-specific organics percentage in refuse}}{\text{number of households in district}}$$

DATA SOURCES

DSNY Waste Characterization Study 2023

NYC Department of Sanitation. "DSNY Waste Characterization 2023 - Main Sort Results," May 2, 2024.
https://data.cityofnewyork.us/dataset/DSNY-Waste-Characterization-2023-Main-Sort-Results/bpea-2i5q/about_data

NYC Department of Sanitation. "2023 Waste Characterization Study." New York, N.Y., April 2023.
https://www.nyc.gov/site/dsny/resources/reports/waste-characterization.page

DSNY Curbside Tonnage Data

NYC Department of Sanitation. "NYC Open Data: DSNY Monthly Tonnages," January 30, 2024

https://data.cityofnewyork.us/City-Government/DSNY-Monthly-Tonnage-Data/ebb7-mvp5/about_data

Households

NYC Department of City Planning. "Population American Community Survey (ACS) Data Tables," 2021.
https://www.nyc.gov/site/planning/planning-level/nyc-population/american-community-survey.page.

Annual DSNY & Non-DSNY Collection & Diversion Totals

NYC Department of Sanitation. "Annual DSNY & Non-DSNY Collection & Diversion Totals," July 2023.
https://www.nyc.gov/site/dsny/resources/statistics/total-annual-collection-diversion.page.

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[i] Note that Recycling Capture Rates are calculated using curbside tonnages only, as these are the only Residential refuse tonnages update in Open Data. Because around 10% of refuse collections are from large dumpsters and roll off containers not reflected in this dataset, the refuse denominator is under-estimated, which means that the capture rate is higher than might be publicized in DSNY official, annual statistics. Trend directions and fluctuations hold, however.

[ii] . DSNY does not publish School refuse collections tonnages as part of its "NYC Open Data: DSNY Monthly Tonnages" dataset. It does publish School recycling and School Organics collections tonnages, as well as Residential refuse collection tonnages, in that dataset. This reporting approach limits our ability to calculate a Schools-only capture rate, or to make precise estimates of the Residential vs. School waste stream disparity. Historical tonnage data, obtained by FOIL by the author in 2020, is the basis for the estimation of the total School waste to Residential waste size disparity. DSNY also does not provide information about the relative percentages of School Organics vs. SMART bin organics, which are co-collected in the same trucks. SMART bin organics are Residential organics and should be counted as such for future analysis of total Residential organics capture (curbside or otherwise).

[iii] Testimony of Jessica Tisch, Hearing before the New York City Council Committees on Sanitation and Solid Waste Management and Finance, May 2, 2024

[iv] NYC Department of Sanitation. "DSNY Waste Characterization 2023 - Main Sort Results." NYC Open Data Portal, May 2, 2024.
https://data.cityofnewyork.us/dataset/DSNY-Waste-Characterization-2023-Main-Sort-Results/bpea-2i5q/about_data.

Appendix II: Data Tables

CY 2024 Quarterly Residential Curbside Organics Capture Rate Report

January 2025

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Brooklyn Capture Rates by Calendar Year

The CAPTURE RATE answers the question: "out of all of the food scraps, yard trimmings, and compostble paper that borough residents threw out, how much was properly separated for curbside organics collection?" The remainder was disposed in trash and went to landfill/combustion. Only months and districts with curbside organics collection in place are counted.

restonsind2	(Multiple Items)

		Year										
BOROUGH	Values	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**
Brooklyn	Avg. monthly captur	6.7%	6.5%	7.0%	6.3%	4.8%	4.6%	4.0%	1.1%	4.4%	4.5%	3.5%
Brooklyn	# of districts with se	3	4	4	10	10	10	0	0	4	18	18

restonsind2	(Multiple Items)

BOROUGH	**District**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**
Brooklyn	Brooklyn 01		0.9%	0.7%	1.8%	2.2%	2.2%	2.2%	0.3%	0.9%	1.3%	1.8%
Brooklyn	Brooklyn 02				5.6%	6.2%	6.6%	7.1%	1.2%	4.1%	5.5%	7.0%
Brooklyn	Brooklyn 03										4.8%	4.9%
Brooklyn	Brooklyn 04										2.3%	3.2%
Brooklyn	Brooklyn 05										1.9%	1.5%
Brooklyn	Brooklyn 06	9.0%	9.6%	12.5%	11.4%	9.6%	10.9%	11.2%	5.1%	9.5%	10.5%	9.4%
Brooklyn	Brooklyn 07	5.3%	6.0%	5.6%	6.7%	6.0%	4.9%	4.1%	1.0%	3.1%	4.2%	4.2%
Brooklyn	Brooklyn 08										4.6%	4.5%
Brooklyn	Brooklyn 09										3.2%	3.0%
Brooklyn	Brooklyn 10	6.9%	7.1%	9.0%	9.9%	7.1%	6.2%	4.8%			4.4%	3.1%
Brooklyn	Brooklyn 11				7.3%	3.8%	2.5%	1.9%			1.6%	1.3%
Brooklyn	Brooklyn 12				3.2%	2.4%	2.2%	1.4%			1.7%	1.3%
Brooklyn	Brooklyn 13				3.6%	2.9%	3.0%	2.3%			2.5%	1.7%
Brooklyn	Brooklyn 14										4.3%	2.9%
Brooklyn	Brooklyn 15				7.1%	4.8%	3.9%	2.7%			4.0%	2.5%
Brooklyn	Brooklyn 16				3.1%	3.1%	3.1%	2.4%			3.3%	1.9%
Brooklyn	Brooklyn 17										4.4%	3.7%
Brooklyn	Brooklyn 18										7.2%	4.3%

Data Sources: NYC Department of Sanitation, NYC Open Data: DSNY Monthly Tonnages, 2023 Waste Characterization Study

Queens Capture Rates by Calendar Year

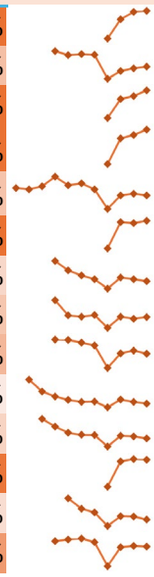
The CAPTURE RATE answers the question: "out of all of the food scraps, yard trimmings, and compostble paper that borough residents threw out, how much was properly separated for curbside organics collection?" The remainder was disposed in trash and went to landfill/combustion. Only months and districts with curbside organics collection in place are counted.

restonsind2	(Multiple Items)

BOROUGH	Values	Year 2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Queens	Avg. monthly capture rate	5.7%	7.0%	8.6%	10.4%	7.9%	6.9%	6.1%		4.4%	4.5%	4.1%
Queens	# of districts with service	1	1	2	3	9	9	9			14	14

restonsind2	(Multiple Items)

BOROUGH	District	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Queens	Queens 01									3.3%	4.5%	4.7%
Queens	Queens 02				7.3%	6.2%	6.4%	6.3%		2.0%	2.8%	3.2%
Queens	Queens 03									1.3%	1.5%	1.9%
Queens	Queens 04									1.2%	1.3%	1.6%
Queens	Queens 05	5.7%	5.3%	6.1%	8.8%	6.4%	7.0%	5.3%		3.7%	4.1%	3.6%
Queens	Queens 06									5.1%	4.9%	5.4%
Queens	Queens 07				11.4%	7.5%	5.4%	3.9%		4.5%	3.8%	3.0%
Queens	Queens 08				12.3%	5.6%	4.9%	5.7%		5.0%	4.0%	4.9%
Queens	Queens 09				11.1%	####	9.9%	8.8%		5.7%	6.8%	5.5%
Queens	Queens 10		####	9.9%	6.8%	4.6%	3.3%	3.5%		4.9%	3.3%	2.4%
Queens	Queens 11			####	16.4%	####	9.5%	9.3%		8.8%	8.3%	6.7%
Queens	Queens 12									6.9%	7.6%	7.4%
Queens	Queens 13					####	9.5%	7.4%		5.5%	5.2%	3.5%
Queens	Queens 14				5.3%	5.6%	5.9%	5.1%		4.0%	4.3%	4.1%



Data Sources: NYC Department of Sanitation, NYC Open Data: DSNY Monthly Tonnages, 2023 Waste Characterization Study

Brooklyn Capture Rates by Calendar Quarter

The CAPTURE RATE answers the question: "out of all of the food scraps, yard trimmings, and compostble paper that borough residents threw out, how much was properly separated for curbside organics collection?" The remainder was disposed in trash and went to landfill/combustion. Only months and districts with curbside organics collection in place are counted.

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BOROUGH FY Quarter Brooklyn

	Year	CYQuarter										
	2022	2022	2022	2022	2023	2023	2023	2023	2024	2024	2024	2024
	1-winter	2-Spring	3-Summer	4-Fall	1-winter	2-Spring	3-Summer	4-Fall	1-winter	2-Spring	3-Summer	4-Fall
Avg. monthly capture rate	3.7%	4.6%	4.1%	5.3%	4.7%	5.4%	4.9%	4.2%	3.1%	3.1%	2.8%	4.9%

c

BOROUGH Brooklyn

restonsind1 1

Avg. monthly capture rate	Year	CYQuarter										
	2022	2022	2022	2022	2023	2023	2023	2023	2024	2024	2024	2024
District	1-winter	2-Spring	3-Summer	4-Fall	1-winter	2-Spring	3-Summer	4-Fall	1-winter	2-Spring	3-Summer	4-Fall
Brooklyn 01	0.8%	1.0%	1.0%	0.9%	0.9%	1.0%	1.1%	2.0%	1.8%	1.6%	1.6%	2.2%
Brooklyn 02	3.2%	4.3%	3.8%	5.2%	4.5%	5.1%	4.6%	7.7%	7.2%	6.5%	5.7%	8.5%
Brooklyn 03								4.8%	4.2%	4.0%	3.8%	7.4%
Brooklyn 04								2.3%	2.7%	3.3%	3.0%	3.9%
Brooklyn 05								1.9%	1.2%	1.2%	1.1%	2.5%
Brooklyn 06	8.2%	9.9%	8.5%	11.2%	9.9%	11.3%	10.0%	10.6%	9.0%	10.0%	7.9%	10.7%
Brooklyn 07	2.4%	3.4%	3.0%	3.7%	3.4%	4.3%	3.8%	5.2%	4.5%	4.3%	3.1%	4.8%
Brooklyn 08								4.6%	4.5%	4.0%	3.8%	5.6%
Brooklyn 09								3.2%	2.5%	2.9%	2.6%	4.1%
Brooklyn 10								4.4%	2.6%	2.8%	2.5%	4.5%
Brooklyn 11								1.6%	1.0%	1.0%	0.9%	2.4%
Brooklyn 12								1.7%	1.0%	0.9%	1.1%	2.0%
Brooklyn 13								2.5%	1.3%	1.0%	1.2%	3.2%
Brooklyn 14								4.3%	2.2%	2.4%	2.4%	4.8%
Brooklyn 15								4.0%	2.0%	1.9%	1.8%	4.5%
Brooklyn 16								3.3%	1.4%	1.2%	1.4%	3.7%
Brooklyn 17								4.4%	2.9%	3.2%	3.0%	5.8%
Brooklyn 18								7.2%	3.4%	3.6%	3.4%	6.8%

Data Sources: NYC Department of Sanitation, NYC Open Data: DSNY Monthly Tonnages, 2023 Waste Characterization Study

Queens Capture Rates by Calendar Quarter

The CAPTURE RATE answers the question: "out of all of the food scraps, yard trimmings, and compostble paper that borough residents threw out, how much was properly separated for curbside organics collection?" The remainder was disposed in trash and went to landfill/combustion. Only months and districts with curbside organics collection in place are counted.

restonsind1	1
BOROUGH FY Quarter	Queens

	Year	CYQuarter							
	2022	2023	2023	2023	2023	2024	2024	2024	2024
	4-Fall	1-winter	2-Spring	3-Summer	4-Fall	1-winter	2-Spring	3-Summer	4-Fall
Avg. monthly capture rate	7.4%	0.8%	4.7%	4.3%	5.6%	3.5%	3.8%	3.5%	5.8%

BOROUGH	Queens
restonsind1	1

	Year	CYQuarter							
	2022	2023	2023	2023	2023	2024	2024	2024	2024
District	4-Fall	1-winter	2-Spring	3-Summer	4-Fall	1-winter	2-Spring	3-Summer	4-Fall
Queens 01	5.4%	0.8%	4.6%	4.8%	5.4%	4.4%	4.3%	4.3%	5.8%
Queens 02	3.3%	0.4%	3.0%	2.6%	3.5%	3.0%	3.0%	2.6%	4.2%
Queens 03	2.2%	0.3%	1.6%	1.6%	1.9%	1.6%	1.7%	1.7%	2.7%
Queens 04	2.0%	0.3%	1.4%	1.4%	1.6%	1.3%	1.5%	1.5%	2.0%
Queens 05	6.1%	0.8%	4.4%	4.2%	5.1%	2.6%	3.5%	3.1%	5.4%
Queens 06	8.5%	0.6%	4.4%	4.0%	7.8%	3.6%	4.7%	4.5%	8.8%
Queens 07	7.6%	0.9%	4.2%	3.5%	4.8%	2.7%	2.7%	2.2%	4.5%
Queens 08	8.3%	0.9%	4.3%	3.4%	5.4%	4.0%	4.2%	3.7%	7.4%
Queens 09	9.6%	1.0%	7.0%	7.0%	8.4%	5.2%	4.9%	4.4%	7.6%
Queens 10	8.1%	0.4%	3.5%	3.2%	4.3%	2.9%	1.9%	1.8%	3.1%
Queens 11	14.6%	2.1%	8.8%	7.0%	11.1%	5.7%	5.6%	4.7%	10.6%
Queens 12	11.6%	0.7%	7.7%	7.3%	10.1%	4.1%	7.8%	7.2%	10.5%
Queens 13	9.1%	1.0%	6.3%	5.3%	5.4%	3.5%	3.1%	2.7%	4.6%
Queens 14	6.6%	0.6%	5.1%	4.8%	4.3%	3.9%	4.2%	4.1%	4.3%

Bronx, Manhattan, and Staten Island Capture Rates by Calendar Quarter

Boroughs began Fall 2024

The CAPTURE RATE answers the question: "out of all of the food scraps, yard trimmings, and compostble paper that borough residents threw out, how much was properly separated for curbside organics collection?" The remainder was disposed in trash and went to landfill/combustion. Only months and districts with curbside organics collection in place are counted.

restonsind1	1

Avg. monthly capture rate	Year	CYQuarter										
	2022	2022	2022	2022	2023	2023	2023	2023	2024	2024	2024	2024
BOROUGH	1-winter	2-Spring	3-Summer	4-Fall	1-winter	2-Spring	3-Summer	4-Fall	1-winter	2-Spring	3-Summer	4-Fall
Bronx	2.0%	3.5%	3.1%	4.4%	3.5%	4.2%	3.9%	4.8%	3.3%	4.3%	3.7%	3.0%
Manhattan	1.3%	1.7%	1.6%	2.0%	2.0%	2.2%	2.1%	2.3%	2.2%	2.2%	2.1%	2.2%
Staten Island												13.2%

BOROUGH	(Multiple Items)
restonsind1	1

Avg. monthly capture rate	Year	CYQuarter										
	2022	2022	2022	2022	2023	2023	2023	2023	2024	2024	2024	2024
District	1-winter	2-Spring	3-Summer	4-Fall	1-winter	2-Spring	3-Summer	4-Fall	1-winter	2-Spring	3-Summer	4-Fall
Manhattan 01												**1.2%**
Bronx 01												**1.9%**
Bronx 02												**0.4%**
Bronx 03												**1.1%**
Bronx 04												**0.5%**
Bronx 05												**0.7%**
Bronx 06												**0.5%**
Bronx 07												**0.6%**
Bronx 08	2.0%	3.5%	3.1%	4.4%	3.5%	4.2%	3.9%	4.8%	3.3%	4.3%	3.7%	**7.0%** (Opt in District)
Bronx 09												**3.4%**
Bronx 10												**6.6%**
Bronx 11												**5.4%**
Bronx 12												**7.6%**
Manhattan 02												**1.8%**
Manhattan 03												**2.6%**
Manhattan 04												**2.9%**
Manhattan 05												**1.0%**
Manhattan 06	0.6%	0.9%	0.7%	0.8%	0.8%	1.0%	0.8%	0.8%	0.8%	0.9%	0.9%	**2.0%** (Opt in District)
Manhattan 07	1.9%	2.4%	2.5%	3.2%	3.3%	3.5%	3.4%	3.7%	3.5%	3.6%	3.3%	**5.9%** (Opt in District)
Manhattan 08												**1.3%**
Manhattan 09												**2.1%**
Manhattan 10												**1.7%**
Manhattan 11												**2.9%**
Manhattan 12												**1.3%**
Staten Island 01												**13.4%**
Staten Island 02												**13.6%**
Staten Island 03												**12.7%**

Annual Residential Curbside Organics Tons by Calendar Year

reston (Multiple Items)

CYQua (All)

BOROUGH	District	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
		Year											
Bro	Bronx 01												56
Bro	Bronx 02												8
Bro	Bronx 03												28
Bro	Bronx 04												26
Bro	Bronx 05												29
Bro	Bronx 06												17
Bro	Bronx 07												25
Bro	Bronx 08			195	301	425	719	739	223	16	403	512	586
Bro	Bronx 09												171
Bro	Bronx 10	137	408	471	498	893	1,329	1,120	223				242
Bro	Bronx 11					667	1,228	1,100	234				237
Bro	Bronx 12					927	2,598	2,388	496				410
Bronx Total		**137**	**408**	**666**	**799**	**2,912**	**5,874**	**5,347**	**1,176**	**16**	**403**	**512**	**1,834**
Bro	Brooklyn 01			141	187	500	599	616	207	14	271	375	542
Bro	Brooklyn 02					444	864	926	304	29	598	826	1,098
Bro	Brooklyn 03											277	1,140
Bro	Brooklyn 04											95	557
Bro	Brooklyn 05											117	367
Bro	Brooklyn 06		673	1,213	1,517	1,383	1,191	1,355	432	219	1,168	1,283	1,158
Bro	Brooklyn 07	151	972	1,092	1,035	1,241	1,075	858	223	31	546	709	710
Bro	Brooklyn 08											154	593
Bro	Brooklyn 09											128	463
Bro	Brooklyn 10		760	1,168	1,482	1,583	1,130	986	242			184	507
Bro	Brooklyn 11					998	1,025	658	160			107	359
Bro	Brooklyn 12					493	748	683	149			148	434
Bro	Brooklyn 13					231	323	313	75			65	184
Bro	Brooklyn 14											282	753
Bro	Brooklyn 15					1,038	1,182	950	202			249	616
Bro	Brooklyn 16					234	352	339	81			97	229
Bro	Brooklyn 17											253	856
Bro	Brooklyn 18											539	1,269
Brooklyn Total		**151**	**2,404**	**3,614**	**4,222**	**8,146**	**8,488**	**7,686**	**2,074**	**293**	**2,582**	**5,888**	**11,833**
Ma	Manhattan 01												21
Ma	Manhattan 02												38
Ma	Manhattan 03												78
Ma	Manhattan 04												84
Ma	Manhattan 05												15
Ma	Manhattan 06									5	102	110	147
Ma	Manhattan 07									15	519	708	853
Ma	Manhattan 08												75
Ma	Manhattan 09												57
Ma	Manhattan 10												54
Ma	Manhattan 11												83
Ma	Manhattan 12												77
Manhattan Total										**19**	**621**	**818**	**1,584**
Que	Queens 01										302	835	1,021
Que	Queens 02					172	918	929	289		124	340	475
Que	Queens 03										140	328	488
Que	Queens 04										104	236	337
Que	Queens 05		931	1,463	1,685	2,380	1,774	1,900	450		428	921	964
Que	Queens 06										333	618	814
Que	Queens 07					1,026	2,697	1,887	419		709	1,158	1,091
Que	Queens 08					633	1,134	1,004	364		449	699	1,025
Que	Queens 09					638	2,503	2,197	599		533	1,257	1,193
Que	Queens 10			636	2,053	1,371	951	690	223		445	596	487
Que	Queens 11				339	2,842	1,953	1,648	484		725	1,229	1,144
Que	Queens 12										1,119	2,501	2,904
Que	Queens 13						3,493	2,942	657		708	1,370	1,029
Que	Queens 14					206	948	954	250		277	622	711
Queens Total			**931**	**2,099**	**4,078**	**9,267**	**16,371**	**14,150**	**3,733**		**6,396**	**12,709**	**13,683**
Sta	Staten Island 01	298	729	1,353	1,420	1,798	2,363	2,209	412				1,006
Sta	Staten Island 02												811
Sta	Staten Island 03												1,016
Staten Island Total		**298**	**729**	**1,353**	**1,420**	**1,798**	**2,363**	**2,209**	**412**				**2,833**
Grand Total		**586**	**4,471**	**7,733**	**10,518**	**22,123**	**33,095**	**29,392**	**7,395**	**329**	**10,003**	**19,927**	**31,767**

first-generation program (deBlasio)

service only through April-May 2020

opt-in period starts late 2021 (Adams)

second generation program starts late 2022 for Queens, late 2023 for Brooklyn, late 2024 for all other

Estimated Annual Residential Organics Tons Left in Trash, by Calendar Year

restons (All)

CYQuar (All)

BOROUGH	District	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
		Year											
Bro	Bronx 01	9,335	9,096	8,815	8,945	8,969	9,042	9,226	10,431	10,769	10,093	10,387	11,182
Bro	Bronx 02	7,428	7,252	7,003	7,032	7,091	7,135	7,024	7,769	7,805	7,136	7,139	7,478
Bro	Bronx 03	9,015	8,709	8,485	8,854	9,176	9,219	9,007	10,192	10,612	9,699	9,861	10,307
Bro	Bronx 04	20,665	19,835	18,981	19,298	19,441	19,332	18,687	20,237	19,565	17,965	18,186	18,934
Bro	Bronx 05	16,740	16,394	16,038	16,373	16,590	16,661	16,117	17,444	16,843	15,282	15,417	16,038
Bro	Bronx 06	11,319	11,077	10,834	11,059	11,130	11,407	11,370	12,539	12,656	11,755	11,748	12,350
Bro	Bronx 07	17,607	17,189	16,820	17,382	17,464	17,588	17,239	18,334	17,932	16,646	16,698	17,522
Bro	Bronx 08	12,633	12,574	12,104	12,299	12,500	12,386	11,943	12,895	12,793	11,640	11,913	12,063
Bro	Bronx 09	20,956	19,233	19,041	19,333	19,707	19,558	18,873	20,283	20,223	18,899	18,732	19,214
Bro	Bronx 10	13,229	12,957	12,757	13,135	13,059	13,151	12,808	14,552	14,522	13,882	13,721	13,806
Bro	Bronx 11	15,516	15,618	15,722	15,910	15,710	15,644	15,391	17,161	17,279	15,904	15,997	16,597
Bro	Bronx 12	19,488	19,499	19,188	19,569	19,274	19,044	18,919	21,555	22,047	19,942	19,997	20,592
Bronx Total		**173,929**	**169,433**	**165,787**	**169,188**	**170,110**	**170,169**	**166,603**	**183,392**	**183,046**	**168,844**	**169,796**	**176,083**
Bro	Brooklyn 01	24,800	25,512	25,849	26,393	26,739	27,200	27,446	28,818	29,909	29,086	28,833	29,047
Bro	Brooklyn 02	12,372	12,683	12,616	12,518	12,615	12,883	12,995	13,234	13,675	13,733	14,175	14,560
Bro	Brooklyn 03	20,951	20,612	20,284	20,457	20,967	21,529	20,787	22,442	23,151	22,064	21,531	21,942
Bro	Brooklyn 04	16,483	16,029	15,470	15,358	15,534	15,526	15,641	17,542	18,269	16,850	16,549	16,633
Bro	Brooklyn 05	22,180	22,495	22,594	23,099	23,473	23,583	23,446	26,040	26,236	23,954	23,806	24,322
Bro	Brooklyn 06	11,992	11,696	11,272	10,574	10,745	11,203	11,024	11,550	11,961	11,091	10,957	11,072
Bro	Brooklyn 07	17,444	17,135	17,144	17,294	17,195	16,990	16,602	17,827	18,197	16,782	16,242	16,351
Bro	Brooklyn 08	14,002	13,850	13,707	13,455	13,460	14,009	13,715	14,391	14,451	13,456	12,867	12,617
Bro	Brooklyn 09	15,723	15,533	15,244	15,061	15,388	15,318	15,083	15,579	16,025	14,927	14,852	14,737
Bro	Brooklyn 10	15,316	15,034	14,878	14,664	14,233	14,609	14,723	16,329	16,499	15,751	15,811	15,819
Bro	Brooklyn 11	24,739	24,986	25,275	25,473	25,324	25,746	25,221	27,071	27,628	26,544	26,538	26,654
Bro	Brooklyn 12	29,632	30,267	30,773	31,039	30,852	30,864	30,132	32,136	33,326	32,737	33,008	33,908
Bro	Brooklyn 13	11,353	10,818	10,609	10,349	10,258	10,558	10,146	10,962	11,061	10,267	10,200	10,617
Bro	Brooklyn 14	24,887	25,060	24,838	24,678	24,858	24,884	24,156	25,600	25,779	24,412	24,234	24,589
Bro	Brooklyn 15	23,972	23,109	23,066	23,323	23,041	23,097	23,036	24,676	24,843	23,517	23,184	23,361
Bro	Brooklyn 16	9,624	9,847	9,843	10,143	10,515	10,918	10,647	11,907	12,461	11,454	11,381	11,531
Bro	Brooklyn 17	21,770	21,752	21,796	21,922	21,922	22,342	22,060	23,783	24,187	21,856	21,699	21,966
Bro	Brooklyn 18	28,671	28,023	27,923	28,301	28,431	29,018	28,458	30,728	31,162	28,302	28,010	28,167
Brooklyn Total		**345,911**	**344,441**	**343,180**	**344,099**	**345,548**	**350,275**	**345,315**	**370,615**	**378,821**	**356,785**	**353,876**	**357,894**
Ma	Manhattan 01	5,925	6,037	6,049	6,096	6,281	6,363	6,324	5,667	6,090	6,279	6,148	6,323
Ma	Manhattan 02	9,633	9,486	9,256	9,137	9,049	9,101	8,678	8,087	8,751	8,496	8,244	8,241
Ma	Manhattan 03	14,282	14,128	14,015	13,845	13,935	14,188	14,005	13,348	13,307	12,951	12,216	12,190
Ma	Manhattan 04	10,433	10,605	10,438	10,529	10,780	11,115	10,825	10,475	10,881	10,914	10,780	10,990
Ma	Manhattan 05	6,031	5,979	5,916	6,060	6,087	6,117	5,993	5,473	5,849	5,923	5,779	5,948
Ma	Manhattan 06	13,535	13,386	13,115	13,048	13,097	13,315	13,141	12,126	12,636	12,823	12,619	12,666
Ma	Manhattan 07	24,138	23,738	23,176	22,887	22,747	22,810	21,745	19,986	20,400	20,058	19,735	19,812
Ma	Manhattan 08	25,491	24,851	24,331	23,988	24,370	24,212	23,591	20,967	21,967	22,120	21,735	21,765
Ma	Manhattan 09	12,348	12,153	11,689	11,688	11,404	11,217	10,814	10,961	10,842	10,506	10,207	10,451
Ma	Manhattan 10	13,354	13,247	13,094	13,100	13,177	13,246	12,579	12,884	12,882	12,199	11,812	12,013
Ma	Manhattan 11	10,536	10,371	10,457	10,587	10,620	10,785	10,836	10,657	10,973	11,061	11,008	11,178
Ma	Manhattan 12	24,544	24,543	23,741	23,900	23,868	23,888	23,119	24,394	23,940	22,323	21,959	22,476
Manhattan Total		**170,249**	**168,526**	**165,276**	**164,866**	**165,415**	**166,358**	**161,650**	**155,024**	**158,517**	**155,654**	**152,241**	**154,052**
Que	Queens 01	21,235	21,300	20,742	20,343	19,993	20,373	20,166	21,954	21,627	20,586	20,845	20,562
Que	Queens 02	12,716	13,083	13,204	13,415	13,500	13,767	13,504	14,717	15,000	14,421	14,004	14,360
Que	Queens 03	24,232	24,560	24,688	25,051	24,966	25,289	25,161	27,101	26,939	24,375	24,420	24,475
Que	Queens 04	21,235	21,255	21,160	20,651	20,122	20,282	20,026	21,471	21,714	20,298	20,250	20,765
Que	Queens 05	26,434	25,841	25,397	25,109	24,630	25,533	25,129	28,013	28,043	25,837	24,910	25,242
Que	Queens 06	14,705	14,656	14,487	14,592	14,651	14,633	14,504	15,445	15,182	14,215	13,975	14,081
Que	Queens 07	33,566	33,857	33,790	33,815	33,431	32,875	32,661	36,240	36,815	34,450	33,618	34,705
Que	Queens 08	19,410	19,741	19,633	19,633	18,972	19,312	19,287	21,083	21,212	19,927	19,608	19,953
Que	Queens 09	20,917	20,907	20,786	20,873	20,833	20,276	19,885	22,342	22,258	20,542	19,880	20,384
Que	Queens 10	20,971	20,377	19,763	18,586	18,694	19,779	20,112	22,426	22,214	20,554	19,870	19,862
Que	Queens 11	16,397	16,277	16,226	15,843	14,378	15,128	15,114	17,431	17,336	16,056	15,587	15,744
Que	Queens 12	34,147	34,076	34,209	34,275	34,410	35,143	35,089	38,321	38,320	35,658	34,954	35,623
Que	Queens 13	28,660	28,655	28,257	28,223	28,655	27,381	27,482	31,708	31,642	28,874	28,399	28,706
Que	Queens 14	17,821	16,507	16,304	15,843	15,499	15,741	15,119	17,324	17,279	15,994	16,072	16,347
Queens Total		**312,449**	**311,090**	**308,644**	**306,253**	**302,735**	**305,512**	**303,240**	**335,577**	**335,580**	**311,788**	**306,391**	**310,808**
Sta	Staten Island 01	27,041	26,787	26,100	26,197	26,575	27,063	26,401	30,358	30,578	27,830	27,411	27,444
Sta	Staten Island 02	23,656	22,816	22,320	22,288	22,502	22,970	22,723	24,838	24,665	23,010	22,350	22,256
Sta	Staten Island 03	31,151	30,806	30,230	30,204	30,725	31,284	30,593	34,307	33,276	30,495	29,655	29,543
Staten Island Total		**81,849**	**80,410**	**78,649**	**78,689**	**79,803**	**81,317**	**79,717**	**89,503**	**88,519**	**81,335**	**79,416**	**79,243**
Grand Total		**1,084,388**	**1,073,899**	**1,061,536**	**1,063,095**	**1,063,611**	**1,073,632**	**1,056,526**	**1,134,111**	**1,144,483**	**1,074,405**	**1,061,721**	**1,078,080**

restore (Multiple Items)

CYQuar (All)

Annual Average lbs/hh/month Residential Curbside Organics Calendar Year

first-generation program (deBlasio) | service only through April-May 2020 | opt-in period starts late 2021 (Adams) | second generation program starts late 2022 for Queens, late

BOROUGH	District	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Bronx	Bronx 01									-			1.0
Bronx	Bronx 02									-			0.3
Bronx	Bronx 03									-			0.5
Bronx	Bronx 04									-			0.3
Bronx	Bronx 05									-			0.4
Bronx	Bronx 06									-			0.3
Bronx	Bronx 07									-			0.3
Bronx	Bronx 08			1.3	1.1	1.6	2.7	2.8	2.5	0.4	1.5	1.9	2.2
Bronx	Bronx 09									-			1.7
Bronx	Bronx 10	1.7	1.3	1.5	1.6	2.8	4.2	3.6	2.1	-			3.1
Bronx	Bronx 11					5.8	4.5	4.0	2.6	-			3.4
Bronx	Bronx 12					7.8	7.3	6.7	4.2	-			4.6
Bronx Total		**1.7**	**1.3**	**1.4**	**1.4**	**3.4**	**4.7**	**4.3**	**2.9**	**0.1**	**1.5**	**1.9**	**1.7**
Brooklyn	Brooklyn 01			0.5	0.4	1.0	1.2	1.2	1.2	0.2	0.5	0.7	1.1
Brooklyn	Brooklyn 02					2.0	2.3	2.4	2.4	0.5	1.6	2.2	2.9
Brooklyn	Brooklyn 03									-		2.5	2.6
Brooklyn	Brooklyn 04									-		1.4	2.0
Brooklyn	Brooklyn 05									-		1.0	0.8
Brooklyn	Brooklyn 06		3.5	3.6	4.6	4.2	3.6	4.1	3.9	2.0	3.5	3.9	3.5
Brooklyn	Brooklyn 07	2.3	3.7	4.1	3.9	4.7	4.1	3.2	2.5	0.7	2.1	2.7	2.7
Brooklyn	Brooklyn 08									-		2.0	1.9
Brooklyn	Brooklyn 09									-		2.0	1.8
Brooklyn	Brooklyn 10		3.5	3.6	4.6	4.9	3.5	3.0	2.2	-		2.3	1.6
Brooklyn	Brooklyn 11					4.9	2.5	1.6	1.2	-		1.0	0.9
Brooklyn	Brooklyn 12					2.7	2.0	1.9	1.2	-		1.6	1.2
Brooklyn	Brooklyn 13					1.4	1.1	1.1	0.8	-		0.9	0.6
Brooklyn	Brooklyn 14									-		2.9	2.0
Brooklyn	Brooklyn 15					4.6	3.1	2.5	1.6	-		2.6	1.6
Brooklyn	Brooklyn 16					1.5	1.5	1.5	1.1	-		1.7	1.0
Brooklyn	Brooklyn 17									-		2.6	2.2
Brooklyn	Brooklyn 18									-		4.8	2.8
Brooklyn Total		**2.3**	**3.6**	**3.2**	**3.3**	**3.3**	**2.5**	**2.2**	**1.8**	**0.4**	**1.9**	**2.2**	**1.8**
Manhattan	Manhattan 01									-			0.3
Manhattan	Manhattan 02									-			0.4
Manhattan	Manhattan 03									-			0.6
Manhattan	Manhattan 04									-			0.7
Manhattan	Manhattan 05									-			0.3
Manhattan	Manhattan 06									0.0	0.2	0.2	0.3
Manhattan	Manhattan 07									0.1	0.7	0.9	1.1
Manhattan	Manhattan 08									-			0.4
Manhattan	Manhattan 09									-			0.8
Manhattan	Manhattan 10									-			0.6
Manhattan	Manhattan 11									-			0.9
Manhattan	Manhattan 12									-			0.6
Manhattan Total										**0.0**	**0.4**	**0.6**	**0.6**
Queens	Queens 01									-	1.3	1.8	1.8
Queens	Queens 02					2.8	2.5	2.6	2.4	-	0.8	1.1	1.3
Queens	Queens 03									-	0.9	1.1	1.3
Queens	Queens 04									-	0.7	0.8	1.0
Queens	Queens 05		3.8	3.5	4.0	5.6	4.2	4.5	3.2	-	2.4	2.6	2.3
Queens	Queens 06									-	2.4	2.2	2.4
Queens	Queens 07					6.9	4.6	3.2	2.1	-	2.9	2.4	1.8
Queens	Queens 08					7.1	3.2	2.8	3.1	-	3.0	2.4	2.9
Queens	Queens 09					8.7	8.5	7.5	6.1	-	4.4	5.1	4.1
Queens	Queens 10			14.5	7.8	5.2	3.6	2.6	2.5	-	4.1	2.7	1.9
Queens	Queens 11				14.3	10.0	6.9	5.8	5.1	-	6.1	5.2	4.0
Queens	Queens 12									-	5.4	6.0	5.8
Queens	Queens 13						12.9	7.3	4.9	-	4.2	4.1	2.5
Queens	Queens 14					2.8	3.2	3.3	2.6	-	2.3	2.5	2.4
Queens Total			**3.8**	**5.0**	**6.2**	**6.6**	**5.2**	**4.4**	**3.5**	**-**	**2.9**	**2.9**	**2.5**
Staten Island	Staten Island 01	1.1	1.7	3.2	3.4	4.3	5.6	5.3	2.9	-			9.6
Staten Island	Staten Island 02									-			10.5
Staten Island	Staten Island 03									-			11.0
Staten Island Total		**1.1**	**1.7**	**3.2**	**3.4**	**4.3**	**5.6**	**5.3**	**2.9**	**-**			**10.4**
Grand Total		**1.5**	**2.7**	**3.1**	**3.6**	**4.3**	**4.0**	**3.5**	**2.7**	**0.1**	**2.1**	**2.4**	**2.1**

restons 1

CYQuar (All)

Annual Average lbs/hh/month Residential Organics Tons Left in Trash, by Calendar Year

BOROUGH	District	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Bronx	Bronx 01												51
Bronx	Bronx 02												63
Bronx	Bronx 03												51
Bronx	Bronx 04												57
Bronx	Bronx 05												57
Bronx	Bronx 06												65
Bronx	Bronx 07												55
Bronx	Bronx 08			47	47	47	47	45	43	48	44	45	46
Bronx	Bronx 09												48
Bronx	Bronx 10	40	41	41	42	41	42	41	39				43
Bronx	Bronx 11					55	57	56	53				60
Bronx	Bronx 12					51	54	53	49				56
Bronx Total		**40**	**41**	**43**	**44**	**47**	**50**	**49**	**46**	**48**	**44**	**45**	**53**
Brooklyn	Brooklyn 01			50	51	52	53	53	53	60	56	56	56
Brooklyn	Brooklyn 02					34	34	34	31	37	36	37	38
Brooklyn	Brooklyn 03											49	49
Brooklyn	Brooklyn 04											59	60
Brooklyn	Brooklyn 05											52	53
Brooklyn	Brooklyn 06		35	34	32	32	34	33	31	36	33	33	33
Brooklyn	Brooklyn 07	64	65	65	65	65	64	63	59	66	63	61	62
Brooklyn	Brooklyn 08											43	41
Brooklyn	Brooklyn 09											60	57
Brooklyn	Brooklyn 10		48	46	45	44	45	45	44			49	49
Brooklyn	Brooklyn 11					62	63	62	59			66	65
Brooklyn	Brooklyn 12					81	84	82	85			96	92
Brooklyn	Brooklyn 13					36	36	35	33			35	37
Brooklyn	Brooklyn 14											65	64
Brooklyn	Brooklyn 15					60	60	60	58			62	61
Brooklyn	Brooklyn 16					48	47	46	43			50	50
Brooklyn	Brooklyn 17											56	56
Brooklyn	Brooklyn 18											61	62
Brooklyn Total		**64**	**52**	**48**	**48**	**50**	**52**	**51**	**50**	**45**	**47**	**52**	**55**
Manhattan	Manhattan 01												27
Manhattan	Manhattan 02												25
Manhattan	Manhattan 03												25
Manhattan	Manhattan 04												23
Manhattan	Manhattan 05												27
Manhattan	Manhattan 06									22	22	22	22
Manhattan	Manhattan 07									27	26	25	26
Manhattan	Manhattan 08												27
Manhattan	Manhattan 09												39
Manhattan	Manhattan 10												32
Manhattan	Manhattan 11												31
Manhattan	Manhattan 12												48
Manhattan Total										**25**	**24**	**24**	**27**
Queens	Queens 01										37	37	36
Queens	Queens 02					36	38	37	36		40	39	39
Queens	Queens 03										67	69	68
Queens	Queens 04										60	60	61
Queens	Queens 05		62	60	59	58	60	59	57		61	60	60
Queens	Queens 06										42	42	41
Queens	Queens 07					54	56	55	53		58	58	59
Queens	Queens 08					51	55	54	51		56	57	56
Queens	Queens 09					68	69	68	63		68	69	69
Queens	Queens 10			69	71	71	75	76	69		76	77	75
Queens	Queens 11				49	50	53	53	50		57	56	55
Queens	Queens 12										68	72	72
Queens	Queens 13						72	68	60		69	72	71
Queens	Queens 14					50	54	52	48		53	56	56
Queens Total			**62**	**61**	**64**	**58**	**58**	**58**	**54**		**58**	**59**	**58**
Staten Island	Staten Island 01	67	64	62	62	63	64	63	60				61
Staten Island	Staten Island 02												67
Staten Island	Staten Island 03												75
Staten Island Total		**67**	**64**	**62**	**62**	**63**	**64**	**63**	**60**				**68**
Grand Total		**61**	**53**	**51**	**53**	**53**	**55**	**54**	**51**	**41**	**46**	**53**	**53**

restons (Multiple Items)

CYQuarter 4-Fall

FALL SEASON ONLY Residential Curbside Organics Tons by Calendar Year

first-generation program (deBlasio) | service only through April-May 2020 | opt-in period starts late 2021 (Adams) | second generation program starts late 2022 for Queens, late 2023 for Brooklyn, late 2024 for all other districts (Adams)

BOROUGH	District	Year 2013	2014	2015	2016	2017	2018	2019	2021	2022	2023	2024
Bronx	Bronx 01											56
Bronx	Bronx 02											8
Bronx	Bronx 03											28
Bronx	Bronx 04											26
Bronx	Bronx 05											29
Bronx	Bronx 06											17
Bronx	Bronx 07											25
Bronx	Bronx 08			108	112	199	246	232	16	139	157	233
Bronx	Bronx 09											171
Bronx	Bronx 10	137	121	172	161	382	399	306				242
Bronx	Bronx 11					408	373	324				237
Bronx	Bronx 12					776	762	644				410
Bronx Total		**137**	**121**	**281**	**273**	**1,765**	**1,779**	**1,506**	**16**	**139**	**157**	**1,481**
Brooklyn	Brooklyn 01			62	53	154	168	154	14	72	157	171
Brooklyn	Brooklyn 02					232	266	264	29	198	307	348
Brooklyn	Brooklyn 03										277	450
Brooklyn	Brooklyn 04										95	169
Brooklyn	Brooklyn 05										117	153
Brooklyn	Brooklyn 06		302	468	404	376	346	384	219	360	346	339
Brooklyn	Brooklyn 07	151	322	297	304	389	240	234	31	162	225	207
Brooklyn	Brooklyn 08										154	187
Brooklyn	Brooklyn 09										128	163
Brooklyn	Brooklyn 10		300	430	551	452	303	261			184	186
Brooklyn	Brooklyn 11					473	220	158			107	163
Brooklyn	Brooklyn 12					276	291	245			148	185
Brooklyn	Brooklyn 13					91	75	75			65	89
Brooklyn	Brooklyn 14										282	318
Brooklyn	Brooklyn 15					501	361	239			249	284
Brooklyn	Brooklyn 16					86	101	80			97	112
Brooklyn	Brooklyn 17										253	337
Brooklyn	Brooklyn 18										539	509
Brooklyn Total		**151**	**923**	**1,256**	**1,312**	**3,030**	**2,369**	**2,095**	**293**	**792**	**3,731**	**4,369**
Manhattan	Manhattan 01											21
Manhattan	Manhattan 02											38
Manhattan	Manhattan 03											78
Manhattan	Manhattan 04											84
Manhattan	Manhattan 05											15
Manhattan	Manhattan 06								5	28	26	64
Manhattan	Manhattan 07								15	170	198	319
Manhattan	Manhattan 08											75
Manhattan	Manhattan 09											57
Manhattan	Manhattan 10											54
Manhattan	Manhattan 11											83
Manhattan	Manhattan 12											77
Manhattan Total									**19**	**198**	**224**	**967**
Queens	Queens 01									302	299	319
Queens	Queens 02					172	262	236		124	131	157
Queens	Queens 03									140	120	171
Queens	Queens 04									104	86	107
Queens	Queens 05		428	484	778	690	554	522		428	340	358
Queens	Queens 06									333	299	339
Queens	Queens 07					1,026	791	630		709	441	409
Queens	Queens 08					633	354	417		449	284	402
Queens	Queens 09					638	809	648		533	467	414
Queens	Queens 10			636	633	385	301	205		445	223	154
Queens	Queens 11				339	942	598	715		725	517	474
Queens	Queens 12									1,119	980	1,008
Queens	Queens 13						1,185	802		708	412	337
Queens	Queens 14					206	248	265		277	180	179
Queens Total			**428**	**1,120**	**1,751**	**4,691**	**5,100**	**4,441**		**6,396**	**4,778**	**4,826**
Staten Island	Staten Island 01	175	234	488	423	649	873	675				1,006
Staten Island	Staten Island 02											811
Staten Island	Staten Island 03											1,016
Staten Island Total		**175**	**234**	**488**	**423**	**649**	**873**	**675**				**2,833**
Grand Total		**463**	**1,706**	**3,145**	**3,758**	**10,134**	**10,121**	**8,716**	**329**	**7,525**	**8,890**	**14,475**

restons (All)

CYQuarter 4-Fall

Estimated FALL SEASON ONLY Residential Organics Tons Left in Trash, by Calendar Year

BOROUGH	District	Year 2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Bronx	Bronx 01	2,353	2,255	2,229	2,286	2,231	2,300	2,303	2,704	2,774	2,552	2,757	2,899
Bronx	Bronx 02	1,870	1,803	1,764	1,811	1,784	1,833	1,732	2,010	1,965	1,815	1,854	1,921
Bronx	Bronx 03	2,213	2,174	2,162	2,315	2,275	2,354	2,192	2,644	2,694	2,423	2,557	2,621
Bronx	Bronx 04	5,048	4,960	4,853	4,941	4,876	4,966	4,532	5,174	4,916	4,652	4,724	4,828
Bronx	Bronx 05	4,101	4,087	4,108	4,157	4,161	4,239	3,907	4,411	4,199	3,913	3,992	4,083
Bronx	Bronx 06	2,790	2,777	2,774	2,813	2,797	2,905	2,770	3,200	3,220	2,983	3,042	3,142
Bronx	Bronx 07	4,327	4,297	4,336	4,462	4,364	4,478	4,139	4,648	4,514	4,212	4,352	4,509
Bronx	Bronx 08	3,227	3,226	3,125	3,154	3,130	3,167	2,985	3,368	3,236	3,011	3,115	3,084
Bronx	Bronx 09	5,037	4,900	4,829	4,910	4,889	4,858	4,552	5,105	5,093	4,776	4,794	4,808
Bronx	Bronx 10	3,186	3,251	3,318	3,364	3,180	3,353	3,121	3,781	3,752	3,482	3,518	3,400
Bronx	Bronx 11	3,817	3,992	4,109	4,016	3,738	4,003	3,728	4,452	4,357	3,987	4,226	4,120
Bronx	Bronx 12	4,769	4,850	4,920	4,892	4,449	4,764	4,560	5,535	5,472	4,925	5,177	4,966
Bronx Total		**42,738**	**42,571**	**42,527**	**43,122**	**41,874**	**43,220**	**40,521**	**47,031**	**46,192**	**42,732**	**44,108**	**44,381**
Brooklyn	Brooklyn 01	6,439	6,565	6,790	6,874	6,843	7,146	7,056	7,750	7,856	7,683	7,588	7,603
Brooklyn	Brooklyn 02	3,137	3,243	3,277	3,181	3,208	3,351	3,281	3,493	3,516	3,578	3,694	3,742
Brooklyn	Brooklyn 03	5,183	5,119	5,131	5,159	5,337	5,505	5,135	5,817	5,926	5,643	5,507	5,583
Brooklyn	Brooklyn 04	4,037	3,900	3,878	3,865	3,816	3,929	3,877	4,489	4,597	4,194	4,120	4,154
Brooklyn	Brooklyn 05	5,452	5,556	5,762	5,702	5,852	5,936	5,733	6,683	6,590	6,019	5,984	6,052
Brooklyn	Brooklyn 06	3,053	2,986	2,738	2,706	2,770	2,920	2,735	3,112	2,980	2,839	2,912	2,822
Brooklyn	Brooklyn 07	4,273	4,313	4,342	4,367	4,171	4,346	4,081	4,609	4,501	4,197	4,133	4,107
Brooklyn	Brooklyn 08	3,463	3,526	3,461	3,384	3,399	3,612	3,430	3,718	3,621	3,436	3,240	3,167
Brooklyn	Brooklyn 09	3,950	3,968	3,912	3,876	3,924	3,987	3,838	4,103	4,107	3,911	3,838	3,779
Brooklyn	Brooklyn 10	3,924	3,844	3,810	3,629	3,525	3,861	3,704	4,307	4,190	4,033	3,982	3,971
Brooklyn	Brooklyn 11	6,196	6,408	6,480	6,412	6,217	6,506	6,278	6,976	6,949	6,692	6,802	6,591
Brooklyn	Brooklyn 12	7,687	7,999	8,090	8,124	7,804	7,937	7,833	8,619	8,797	8,727	8,775	8,900
Brooklyn	Brooklyn 13	2,716	2,670	2,601	2,554	2,534	2,609	2,488	2,822	2,727	2,565	2,567	2,651
Brooklyn	Brooklyn 14	6,375	6,456	6,462	6,358	6,310	6,401	6,062	6,718	6,581	6,242	6,238	6,281
Brooklyn	Brooklyn 15	5,934	5,949	6,010	6,050	5,726	5,991	5,888	6,530	6,387	6,099	5,978	5,979
Brooklyn	Brooklyn 16	2,382	2,482	2,528	2,557	2,701	2,723	2,605	3,092	3,062	2,933	2,857	2,909
Brooklyn	Brooklyn 17	5,428	5,499	5,539	5,482	5,390	5,716	5,439	6,142	6,013	5,493	5,491	5,498
Brooklyn	Brooklyn 18	6,956	7,144	7,147	7,139	7,004	7,343	6,949	7,916	7,716	7,083	6,933	7,023
Brooklyn Total		**86,586**	**87,626**	**87,957**	**87,419**	**86,531**	**89,820**	**86,411**	**96,896**	**96,114**	**91,366**	**90,639**	**90,812**
Manhattan	Manhattan 01	1,548	1,535	1,556	1,562	1,615	1,612	1,589	1,467	1,663	1,604	1,577	1,644
Manhattan	Manhattan 02	2,489	2,443	2,409	2,349	2,322	2,328	2,187	2,217	2,361	2,179	2,137	2,119
Manhattan	Manhattan 03	3,618	3,566	3,490	3,459	3,471	3,595	3,434	3,328	3,392	3,223	3,023	2,999
Manhattan	Manhattan 04	2,713	2,696	2,670	2,706	2,729	2,859	2,698	2,689	2,874	2,712	2,736	2,786
Manhattan	Manhattan 05	1,532	1,523	1,546	1,553	1,549	1,569	1,512	1,394	1,571	1,490	1,486	1,501
Manhattan	Manhattan 06	3,445	3,446	3,385	3,368	3,342	3,445	3,293	3,113	3,344	3,247	3,171	3,189
Manhattan	Manhattan 07	6,277	6,108	6,037	5,915	5,786	5,954	5,478	5,218	5,384	5,146	5,129	5,058
Manhattan	Manhattan 08	6,602	6,444	6,365	6,326	6,309	6,353	6,032	5,579	5,927	5,762	5,630	5,670
Manhattan	Manhattan 09	3,101	3,073	2,987	2,982	2,794	2,850	2,681	2,766	2,780	2,690	2,611	2,653
Manhattan	Manhattan 10	3,360	3,353	3,317	3,302	3,273	3,346	3,083	3,330	3,231	3,112	3,017	3,082
Manhattan	Manhattan 11	2,654	2,643	2,689	2,704	2,672	2,815	2,693	2,704	2,831	2,882	2,760	2,779
Manhattan	Manhattan 12	6,211	6,193	6,094	6,156	5,970	6,148	5,784	6,262	6,064	5,705	5,655	5,734
Manhattan Total		**43,550**	**43,024**	**42,546**	**42,382**	**41,831**	**42,874**	**40,463**	**40,067**	**41,422**	**39,752**	**38,931**	**39,214**
Queens	Queens 01	5,336	5,406	5,283	5,131	5,001	5,246	5,118	5,508	5,455	5,192	5,284	5,188
Queens	Queens 02	3,217	3,302	3,387	3,394	3,353	3,512	3,354	3,762	3,870	3,593	3,555	3,573
Queens	Queens 03	6,058	6,213	6,354	6,339	6,209	6,447	6,198	6,869	6,854	6,112	6,235	6,148
Queens	Queens 04	5,307	5,326	5,361	5,015	4,965	5,172	5,012	5,370	5,588	5,126	5,149	5,219
Queens	Queens 05	6,657	6,583	6,518	6,262	6,296	6,655	6,330	7,267	7,207	6,441	6,364	6,317
Queens	Queens 06	3,775	3,712	3,754	3,706	3,638	3,716	3,641	3,935	3,805	3,528	3,529	3,529
Queens	Queens 07	8,546	8,668	8,721	8,511	7,974	8,448	8,126	9,331	9,363	8,514	8,664	8,615
Queens	Queens 08	4,964	5,073	5,105	4,884	4,511	4,984	4,797	5,426	5,404	4,927	5,019	5,018
Queens	Queens 09	5,205	5,301	5,275	5,264	4,961	5,128	4,885	5,747	5,553	4,957	5,036	5,032
Queens	Queens 10	4,959	5,110	4,643	4,591	4,631	5,166	4,988	5,714	5,572	4,979	4,982	4,874
Queens	Queens 11	4,288	4,336	4,365	3,901	3,617	4,095	3,764	4,609	4,419	4,030	4,097	3,952
Queens	Queens 12	8,319	8,474	8,625	8,424	8,239	8,756	8,381	9,745	9,378	8,464	8,712	8,598
Queens	Queens 13	6,992	7,231	7,186	7,072	6,973	6,874	6,721	8,094	7,737	7,008	7,257	7,034
Queens	Queens 14	4,043	4,021	3,961	3,751	3,655	3,956	3,601	4,391	4,167	3,892	4,014	3,960
Queens Total		**77,665**	**78,757**	**78,540**	**76,245**	**74,024**	**78,155**	**74,914**	**85,769**	**84,372**	**76,761**	**77,896**	**77,058**
Staten Island	Staten Island 01	6,660	6,750	6,678	6,599	6,466	6,809	6,428	7,988	7,641	6,840	6,844	6,444
Staten Island	Staten Island 02	5,736	5,780	5,758	5,659	5,551	5,709	5,523	6,375	6,165	5,686	5,592	5,149
Staten Island	Staten Island 03	7,804	7,957	7,931	7,651	7,581	7,815	7,433	8,916	8,316	7,493	7,395	6,969
Staten Island Total		**20,201**	**20,487**	**20,368**	**19,910**	**19,598**	**20,333**	**19,385**	**23,279**	**22,123**	**20,020**	**19,831**	**18,562**
Grand Total		**270,740**	**272,466**	**271,937**	**269,077**	**263,859**	**274,401**	**261,694**	**293,042**	**290,222**	**270,630**	**271,405**	**270,027**

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Annual SCHOOL Curbside Organics Tons by Calendar Year

BOROU	District	Year 1033	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Bro	Bronx 01												280	372
Bro	Bronx 02												367	495
Bro	Bronx 03												626	956
Bro	Bronx 04											153	722	712
Bro	Bronx 05											176	754	662
Bro	Bronx 06			119	581	699	671	519	431	93	155	647	543	478
Bro	Bronx 07											77	226	209
Bro	Bronx 08												183	229
Bro	Bronx 09												209	338
Bro	Bronx 10											86	249	219
Bro	Bronx 11												234	378
Bro	Bronx 12												317	403
Bronx Total				**119**	**581**	**699**	**671**	**519**	**431**	**93**	**155**	**1,139**	**4,708**	**5,450**
Bro	Brooklyn 01												152	470
Bro	Brooklyn 02			127	165	287	271	353	399	90	56	326	441	438
Bro	Brooklyn 03												290	670
Bro	Brooklyn 04													374
Bro	Brooklyn 05												414	749
Bro	Brooklyn 06			86	287	391	436	436	429	121	58	485	607	692
Bro	Brooklyn 07						334	497	397	307		253	362	351
Bro	Brooklyn 08		211	238	195	144	157	162	141	39	78	315	328	532
Bro	Brooklyn 09			173	252	112	180	161	281					
Bro	Brooklyn 10				267	402		394	573			346	494	491
Bro	Brooklyn 11					305	435	2			140	599	520	995
Bro	Brooklyn 12			144	280				329	251	137	511	309	527
Bro	Brooklyn 13													410
Bro	Brooklyn 14			220	125	197	132	166	264	184			374	648
Bro	Brooklyn 15										11	378	539	513
Bro	Brooklyn 16												122	190
Bro	Brooklyn 17													200
Bro	Brooklyn 18												0	474
Brooklyn Total			**211**	**987**	**1,573**	**1,837**	**1,945**	**2,170**	**2,812**	**990**	**481**	**3,213**	**4,952**	**8,722**
Ma	Manhattan 01	1,000,000,000	111	359										
Ma	Manhattan 02		69	196	194	155	154	212	286	67	37	252	276	289
Ma	Manhattan 03			119	327	383	476	492	477	124	54	297	336	517
Ma	Manhattan 04													47
Ma	Manhattan 05													
Ma	Manhattan 06													
Ma	Manhattan 07		357	416	272	283	300	347	401	112	44	337	376	501
Ma	Manhattan 08													
Ma	Manhattan 09			96	321	462	685	714	656	147	49	250	582	867
Ma	Manhattan 10				79	114	158	209	133	78	59	171	248	304
Ma	Manhattan 11			113	206	106	121	97	136			35	103	336
Ma	Manhattan 12			366	273	274	342	377	357	107	114	260	319	440
Manhattan Total		**1,000,000,000**	**537**	**1,664**	**1,672**	**1,777**	**2,236**	**2,447**	**2,446**	**635**	**357**	**1,601**	**2,238**	**3,302**
Que	Queens 01													1,508
Que	Queens 02								426	156	147	1,664	1,978	1,945
Que	Queens 03													
Que	Queens 04													
Que	Queens 05			210	965	970	693	578	612	165	105	1,128	1,260	1,283
Que	Queens 06								62	182				
Que	Queens 07													1,531
Que	Queens 08													18
Que	Queens 09				4	297	316	316	336	92	115	1,091	1,164	1,105
Que	Queens 10													750
Que	Queens 11								285	182	135	695	732	749
Que	Queens 12													914
Que	Queens 13													575
Que	Queens 14													
Queens Total				**210**	**969**	**1,267**	**1,009**	**893**	**1,720**	**778**	**502**	**4,578**	**5,134**	**10,377**
Sta	Staten Island 01													0
Sta	Staten Island 02		308	556	280	351	354	384	375	97	33	288	256	232
Sta	Staten Island 03			44	282	296	283	297	263	78	24	223	277	370
Staten Island Total			**308**	**600**	**562**	**647**	**637**	**681**	**639**	**175**	**57**	**511**	**533**	**603**
Grand Total		**1,000,000,000**	**1,056**	**3,579**	**5,356**	**6,227**	**6,498**	**6,711**	**8,049**	**2,671**	**1,551**	**11,041**	**17,565**	**28,453**

Estimated Annual Leaf and Xmas Tree Collection, by Borough and Calendar Year

	BOROUGH	Year 2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
LEAVESORGANICTO	Bronx				164	204	99	101	10	77	206	173	
	Brooklyn				428	310	729	410	100	261	703		
	Manhattan				7				21	25	53		
	Queens				1,968	974	973	814		1,021			
	Staten Island				540	877	1,791	1,052	6	561	1,463	1,380	6
XMASTREETONS	Bronx	134	138	127	149	203	394	226	150	89	103	106	82
	Brooklyn	369	352	413	575	546	596	401	385	274	238	246	
	Manhattan	591	568	525	528	625	596	503	533	394	323	340	328
	Queens	438	541	514	464	515	524	381	510	273	305	306	
	Staten Island	197	143	189	233	188	289	126	105	73	57	72	60
Total LEAVESORGANICTONS					**3,107**	**2,365**	**3,592**	**2,377**	**136**	**1,945**	**2,424**	**1,553**	**6**
Total XMASTREETONS		**1,730**	**1,742**	**1,770**	**1,948**	**2,077**	**2,399**	**1,636**	**1,683**	**1,102**	**1,025**	**1,070**	**470**
GRAND TOTAL		**1,730**	**1,742**	**1,770**	**5,055**	**4,441**	**5,991**	**4,013**	**1,819**	**3,047**	**3,449**	**2,623**	**476**

First generation, opt-in, and second generation program dates

BOROUGH	Community District	First generation (deBlasio-era) program start	First generation (deBlasio-era) program end	Opt-in program (Adams-era) start	Second generation (Adams-era) program start
Bronx	**BX01**				10/1/2024
Bronx	**BX02**				10/1/2024
Bronx	**BX03**				10/1/2024
Bronx	**BX04**				10/1/2024
Bronx	**BX05**				10/1/2024
Bronx	**BX06**				10/1/2024
Bronx	**BX07**				10/1/2024
Bronx	**BX08**	9/1/2017	**5/1/2020**	12/1/2021	10/1/2024
Bronx	**BX09**				10/1/2024
Bronx	**BX10**	8/1/2017	**5/1/2020**		10/1/2024
Bronx	**BX11**	8/1/2017	**5/1/2020**		10/1/2024
Bronx	**BX12**	9/1/2017	**5/1/2020**		10/1/2024
Brooklyn	**BK01**	5/1/2015	**5/1/2020**	12/1/2021	10/1/2023
Brooklyn	**BK02**	6/1/2017	**5/1/2020**	12/1/2021	10/1/2023
Brooklyn	**BK03**				10/1/2023
Brooklyn	**BK04**				10/1/2023
Brooklyn	**BK05**				10/1/2023
Brooklyn	**BK06**	10/1/2015	**5/1/2020**	12/1/2021	10/1/2023
Brooklyn	**BK07**	11/1/2013	**5/1/2020**	12/1/2021	10/1/2023
Brooklyn	**BK08**		**5/1/2020**		10/1/2023
Brooklyn	**BK09**		**5/1/2020**		10/1/2023
Brooklyn	**BK10**	5/1/2015	**5/1/2020**		10/1/2023
Brooklyn	**BK11**	7/1/2017	**5/1/2020**		10/1/2023
Brooklyn	**BK12**	7/1/2017	**5/1/2020**		10/1/2023
Brooklyn	**BK13**	6/1/2017	**5/1/2020**		10/1/2023
Brooklyn	**BK14**				10/1/2023
Brooklyn	**BK15**	6/1/2017	**5/1/2020**		10/1/2023
Brooklyn	**BK16**	5/1/2017	**5/1/2020**		10/1/2023
Brooklyn	**BK17**		**5/1/2020**		10/1/2023
Brooklyn	**BK18**		**5/1/2020**		10/1/2023
Manhattan	**MN01**		**5/1/2020**		10/1/2024
Manhattan	**MN02**		**5/1/2020**		10/1/2024
Manhattan	**MN03**		**5/1/2020**		10/1/2024
Manhattan	**MN04**		**5/1/2020**		10/1/2024
Manhattan	**MN05**		**5/1/2020**		10/1/2024
Manhattan	**MN06**		**5/1/2020**	10/1/2021	10/1/2024
Manhattan	**MN07**		**5/1/2020**	10/1/2021	10/1/2024
Manhattan	**MN08**		**5/1/2020**		10/1/2024
Manhattan	**MN09**		**5/1/2020**		10/1/2024
Manhattan	**MN10**		**5/1/2020**		10/1/2024
Manhattan	**MN11**		**5/1/2020**		10/1/2024
Manhattan	**MN12**		**5/1/2020**		10/1/2024
Queens	**QN01**		**5/1/2020**		10/1/2022
Queens	**QN02**	11/1/2017	**5/1/2020**		10/1/2022
Queens	**QN03**				10/1/2022
Queens	**QN04**				10/1/2022
Queens	**QN05**	11/1/2016	**5/1/2020**		10/1/2022
Queens	**QN06**				10/1/2022
Queens	**QN07**	10/1/2017	**5/1/2020**		10/1/2022
Queens	**QN08**	10/1/2017	**5/1/2020**		10/1/2022
Queens	**QN09**	11/1/2017	**5/1/2020**		10/1/2022
Queens	**QN10**	10/1/2015	**5/1/2020**		10/1/2022
Queens	**QN11**	12/1/2016	**5/1/2020**		10/1/2022
Queens	**QN12**				10/1/2022
Queens	**QN13**	5/1/2018	**5/1/2020**		10/1/2022
Queens	**QN14**	11/1/2017	**5/1/2020**		10/1/2022
Staten Island	**SI01**	5/1/2015	**5/1/2020**		10/1/2024
Staten Island	**SI02**				10/1/2024
Staten Island	**SI03**				10/1/2024

Datasource: DSNY press releases 2013-2024

American Community Survey, 2021 Five Year Estimates by Community District Tabulation Area

GeoType	CDTAType	GeogName	GeoID	CDLion	Borough	Total households	1to9	10+	Population	sqmi
CDTA2020	CD	BK01 Williamsburg-Greenpoint (CD 1 Equivalent)	BK01	301	Brooklyn	85,952	41,163	44,735	201,535	4.73
CDTA2020	CD	BK02 Downtown Brooklyn-Fort Greene (CD 2 Approximation)	BK02	302	Brooklyn	63,485	17,732	45,698	126,308	2.85
CDTA2020	CD	BK03 Bedford-Stuyvesant (CD 3 Approximation)	BK03	303	Brooklyn	74,236	48,833	25,349	182,441	2.85
CDTA2020	CD	BK04 Bushwick (CD 4 Equivalent)	BK04	304	Brooklyn	46,166	35,212	10,908	115,024	2.03
CDTA2020	CD	BK05 East New York-Cypress Hills (CD 5 Approximation)	BK05	305	Brooklyn	77,142	49,970	26,952	205,303	5.58
CDTA2020	CD	BK06 Park Slope-Carroll Gardens (CD 6 Approximation)	BK06	306	Brooklyn	55,447	36,174	19,225	120,661	3.07
CDTA2020	CD	BK07 Sunset Park-Windsor Terrace (CD 7 Approximation)	BK07	307	Brooklyn	44,224	32,027	11,982	124,433	3.74
CDTA2020	CD	BK08 Crown Heights (North) (CD 8 Approximation)	BK08	308	Brooklyn	50,702	23,196	27,433	110,281	1.64
CDTA2020	CD	BK09 Crown Heights (South) (CD 9 Approximation)	BK09	309	Brooklyn	42,840	13,850	28,899	99,978	1.63
CDTA2020	CD	BK10 Bay Ridge-Dyker Heights (CD 10 Approximation)	BK10	310	Brooklyn	54,020	33,448	20,510	127,569	3.99
CDTA2020	CD	BK11 Bensonhurst-Bath Beach (CD 11 Approximation)	BK11	311	Brooklyn	68,208	48,447	19,590	188,487	3.70
CDTA2020	CD	BK12 Borough Park-Kensington (CD 12 Approximation)	BK12	312	Brooklyn	61,184	37,156	23,790	192,058	3.57
CDTA2020	CD	BK13 Coney Island-Brighton Beach (CD 13 Approximation)	BK13	313	Brooklyn	48,381	13,608	34,756	110,299	3.16
CDTA2020	CD	BK14 Flatbush-Midwood (CD 14 Approximation)	BK14	314	Brooklyn	64,054	18,278	45,626	164,539	2.95
CDTA2020	CD	BK15 Sheepshead Bay-Gravesend (East) (CD 15 Approximation)	BK15	315	Brooklyn	64,215	36,550	27,621	157,254	4.72
CDTA2020	CD	BK16 Ocean Hill-Brownsville (CD 16 Approximation)	BK16	316	Brooklyn	38,439	19,776	18,646	94,660	1.86
CDTA2020	CD	BK17 East Flatbush (CD 17 Approximation)	BK17	317	Brooklyn	65,602	40,297	25,226	158,546	3.37
CDTA2020	CD	BK18 Canarsie-Flatlands (CD 18 Approximation)	BK18	318	Brooklyn	75,245	64,892	10,218	200,230	8.45
CDTA2020	CD	BX01 Melrose-Mott Haven-Port Morris (CD 1 Approximation)	BX01	201	Bronx	37,790	8,599	29,147	100,606	2.17
CDTA2020	CD	BX02 Longwood-Hunts Point (CD 2 Approximation)	BX02	202	Bronx	20,300	5,706	14,594	55,971	2.22
CDTA2020	CD	BX03 Morrisania-Crotona Park East (CD 3 Approximation)	BX03	203	Bronx	33,945	6,484	27,338	88,856	1.61
CDTA2020	CD	BX04 Highbridge-Concourse (CD 4 Approximation)	BX04	204	Bronx	56,904	7,690	49,188	153,883	1.99
CDTA2020	CD	BX05 Morris Heights-Mount Hope (CD 5 Approximation)	BX05	205	Bronx	47,686	7,359	40,109	137,347	1.37
CDTA2020	CD	BX06 Tremont-Belmont-West Farms (CD 6 Approximation)	BX06	206	Bronx	32,264	7,680	24,521	87,409	1.53
CDTA2020	CD	BX07 Fordham-Bedford Park-Norwood (CD 7 Approximation)	BX07	207	Bronx	54,188	6,320	47,802	139,443	1.91
CDTA2020	CD	BX08 Riverdale-Kingsbridge-Marble Hill (CD 8 Approximation)	BX08	208	Bronx	43,864	7,166	36,634	106,607	3.30
CDTA2020	CD	BX09 Soundview-Parkchester (CD 9 Approximation)	BX09	209	Bronx	67,353	26,675	40,577	172,669	4.10
CDTA2020	CD	BX10 Co-op City-Throgs Neck (CD 10 Approximation)	BX10	210	Bronx	52,448	29,220	23,021	129,124	6.42
CDTA2020	CD	BX11 Pelham Parkway-Morris Park (CD 11 Approximation)	BX11	211	Bronx	45,804	24,348	21,397	117,283	3.60
CDTA2020	CD	BX12 Wakefield-Williamsbridge-Eastchester (CD 12 Approximation)	BX12	212	Bronx	59,267	39,953	19,006	161,037	5.56
CDTA2020	CD	MN01 Financial District-Tribeca (CD 1 Equivalent)	MN01	101	Manhattan	40,051	3,319	36,732	72,470	1.53
CDTA2020	CD	MN02 Greenwich Village-SoHo (CD 2 Equivalent)	MN02	102	Manhattan	57,135	10,140	46,930	85,706	1.35
CDTA2020	CD	MN03 Lower East Side-Chinatown (CD 3 Equivalent)	MN03	103	Manhattan	81,065	9,150	71,863	155,194	1.68
CDTA2020	CD	MN04 Chelsea-Hell's Kitchen (CD 4 Approximation)	MN04	104	Manhattan	80,113	7,594	72,261	116,457	1.77
CDTA2020	CD	MN05 Midtown-Flatiron-Union Square (CD 5 Approximation)	MN05	105	Manhattan	37,398	2,928	34,397	50,450	1.57
CDTA2020	CD	MN06 East Midtown-Murray Hill (CD 6 Approximation)	MN06	106	Manhattan	96,577	6,997	89,547	143,639	1.39
CDTA2020	CD	MN07 Upper West Side (CD 7 Approximation)	MN07	107	Manhattan	129,342	13,388	115,887	220,646	1.91
CDTA2020	CD	MN08 Upper East Side-Roosevelt Island (CD 8 Equivalent)	MN08	108	Manhattan	138,993	10,614	128,230	211,135	1.98
CDTA2020	CD	MN09 Morningside Heights-Hamilton Heights (CD 9 Equivalent)	MN09	109	Manhattan	45,552	4,912	40,570	114,613	1.50
CDTA2020	CD	MN10 Harlem (CD 10 Equivalent)	MN10	110	Manhattan	63,258	11,868	51,304	135,884	1.40
CDTA2020	CD	MN11 East Harlem (CD 11 Equivalent)	MN11	111	Manhattan	59,814	7,997	51,801	125,413	2.37
CDTA2020	CD	MN12 Washington Heights-Inwood (CD 12 Equivalent)	MN12	112	Manhattan	79,717	4,323	75,319	202,697	2.80
CDTA2020	CD	QN01 Astoria-Queensbridge (CD 1 Equivalent)	QN01	401	Queens	94,701	49,231	45,315	175,716	6.15
CDTA2020	CD	QN02 Long Island City-Sunnyside-Woodside (CD 2 Approximation)	QN02	402	Queens	60,610	21,215	39,346	124,372	5.02
CDTA2020	CD	QN03 Jackson Heights-East Elmhurst (CD 3 Approximation)	QN03	403	Queens	60,389	33,544	26,682	161,901	2.99
CDTA2020	CD	QN04 Elmhurst-Corona (CD 4 Approximation)	QN04	404	Queens	56,732	30,276	26,332	175,166	2.36
CDTA2020	CD	QN05 Ridgewood-Maspeth-Middle Village (CD 5 Approximation)	QN05	405	Queens	70,561	64,053	6,278	184,935	7.55
CDTA2020	CD	QN06 Forest Hills-Rego Park (CD 6 Approximation)	QN06	406	Queens	56,587	14,950	41,623	122,344	2.97
CDTA2020	CD	QN07 Flushing-Murray Hill-Whitestone (CD 7 Approximation)	QN07	407	Queens	98,486	55,538	42,729	250,032	11.78
CDTA2020	CD	QN08 Fresh Meadows-Hillcrest-Briarwood (CD 8 Approximation)	QN08	408	Queens	59,038	34,748	23,899	159,983	7.45
CDTA2020	CD	QN09 Kew Gardens-Richmond Hill-Woodhaven (CD 9 Approximation)	QN09	409	Queens	48,937	35,542	13,324	150,819	3.85
CDTA2020	CD	QN10 South Ozone Park-Howard Beach (CD 10 Approximation)	QN10	410	Queens	43,890	40,746	2,974	138,303	6.17
CDTA2020	CD	QN11 Auburndale-Bayside-Douglaston (CD 11 Approximation)	QN11	411	Queens	47,471	40,176	7,039	123,356	9.36
CDTA2020	CD	QN12 Jamaica-St. Albans-Hollis (CD 12 Approximation)	QN12	412	Queens	82,919	61,002	21,763	257,420	9.59
CDTA2020	CD	QN13 Queens Village-Bellerose-Rosedale (CD 13 Approximation)	QN13	413	Queens	67,616	62,938	4,576	206,684	12.57
CDTA2020	CD	QN14 The Rockaways (CD 14 Equivalent)	QN14	414	Queens	48,881	27,326	21,322	134,226	7.05
CDTA2020	CD	SI01 North Shore (CD 1 Equivalent)	SI01	501	Staten Island	70,090	56,319	13,301	182,838	13.53
CDTA2020	CD	SI02 Mid-Island (CD 2 Approximation)	SI02	502	Staten Island	51,381	45,559	5,793	141,364	21.26
CDTA2020	CD	SI03 South Shore (CD 3 Approximation)	SI03	503	Staten Island	61,794	59,639	2,111	168,027	21.49

About this Database:

This Excel file is a 2018-2022 ACS database (shown in worksheet entitled “HousData") of most variables shown in the standard Census Bureau ACS Housing Profile, along with a few additional variables. Column headers in this database are abbreviated. Please see the data dictionary (shown in worksheet entitled “Dictionary”) for detailed labels associated with these abbreviated headers.

The data in this database were originally processed for use in the New York City Population FactFinder (PFF) application.

With the 2020 Census, New York City's census geographies were updated, which included changes to census blocks and census tracts. City Planning also developed a new geography called Community District Tabulation Areas (CDTAs), which closely approximate Community Districts (CDs). Built out of census tracts, CDTAs have access to the rich array of annual American Community Survey (ACS) data, making them a useful proxy for examining CDs. For more information on CDTAs, please see the Guide to NYC's 2020 Geographies.

Note that two CDTAs (Queens CDTA QN01 and Bronx CDTA BX08) cross borough boundaries, and therefore CDTA counts will not add up to borough totals for the Bronx, Queens, and Manhattan.

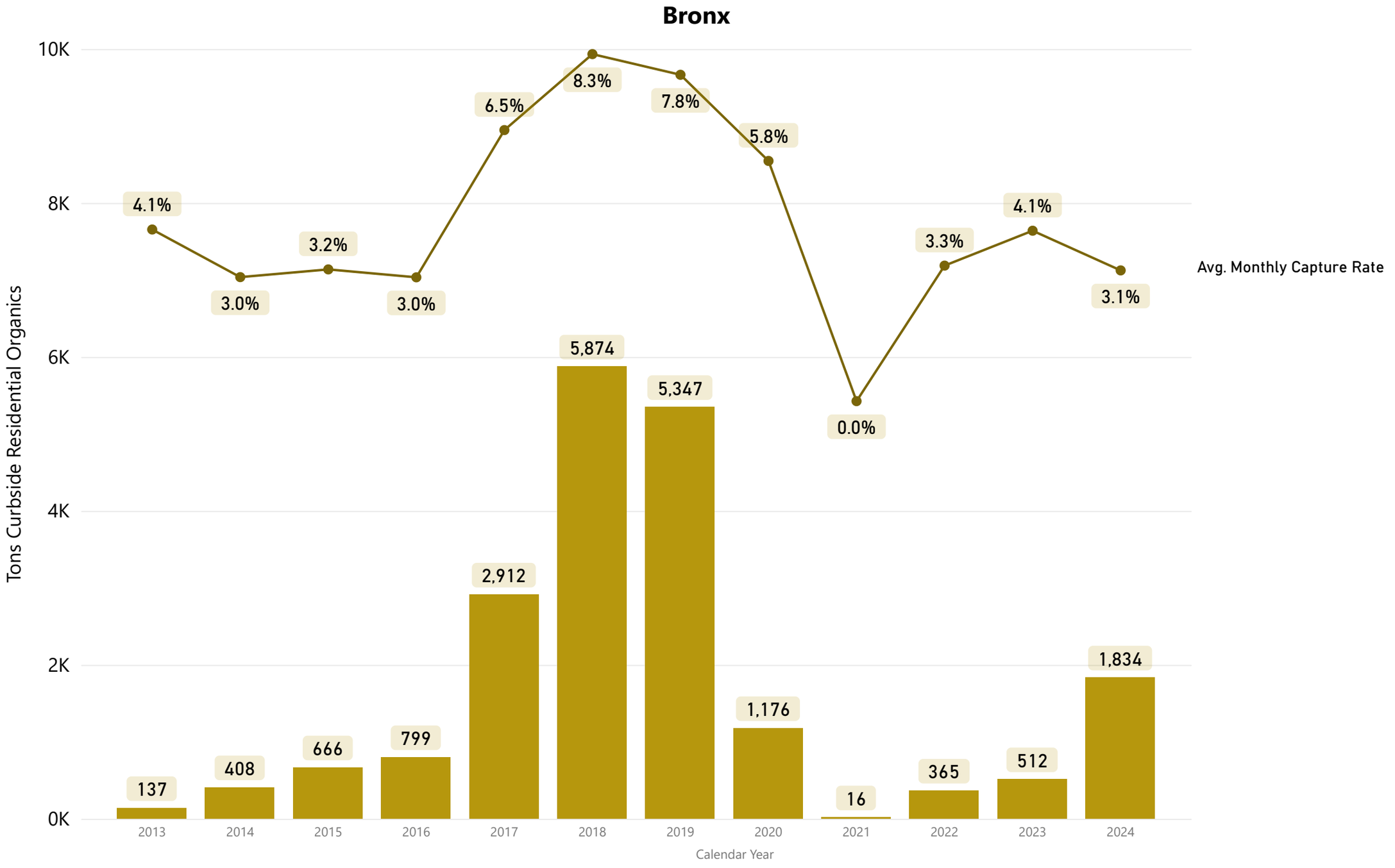
For ACS profiles on individual Community District Tabulation Areas (or other census tract aggregations), please use the NYC PFF application. For definitions of terms used in these profiles, see the ACS Subject Definitions.

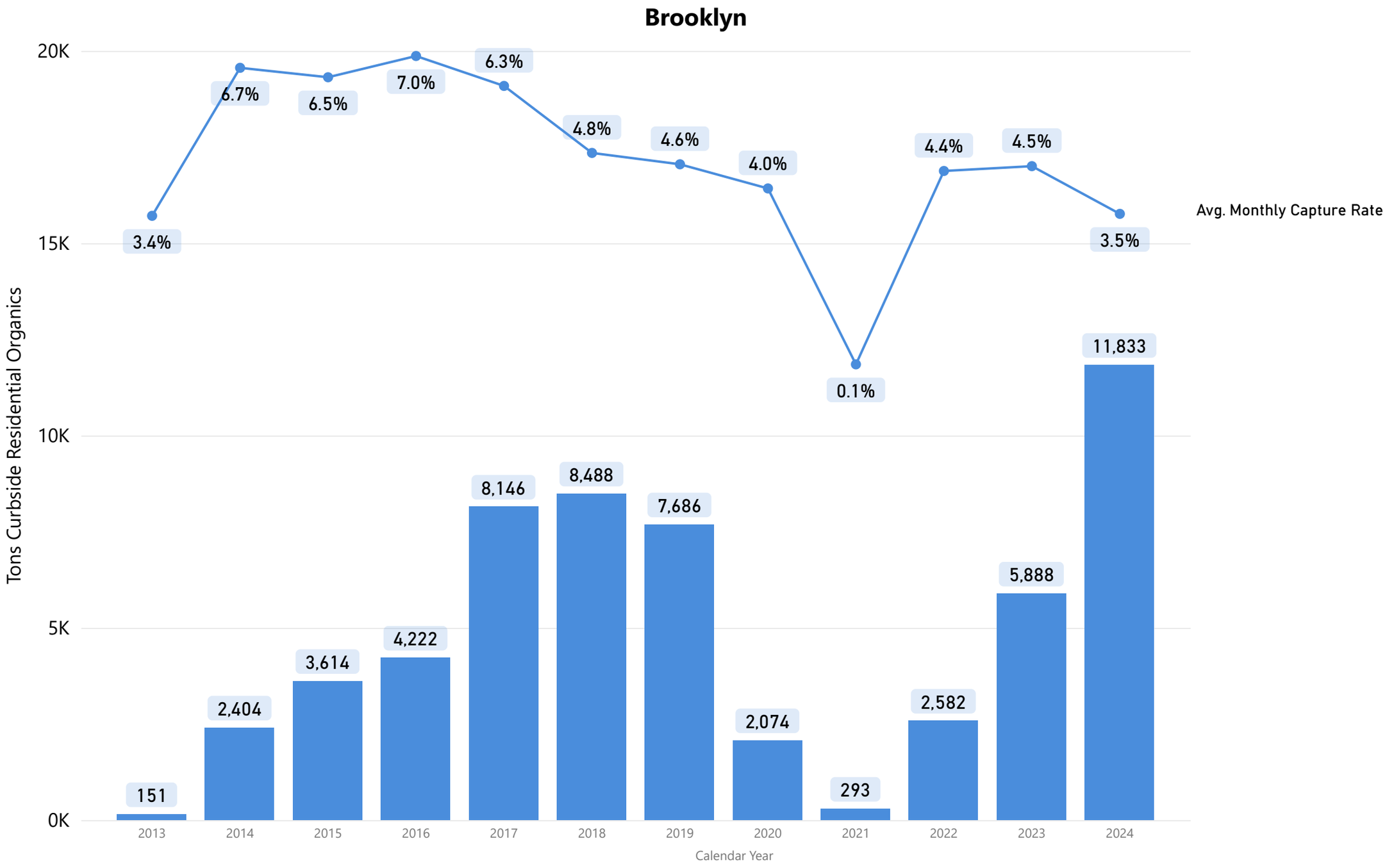
Appendix III: Progress charts by Borough

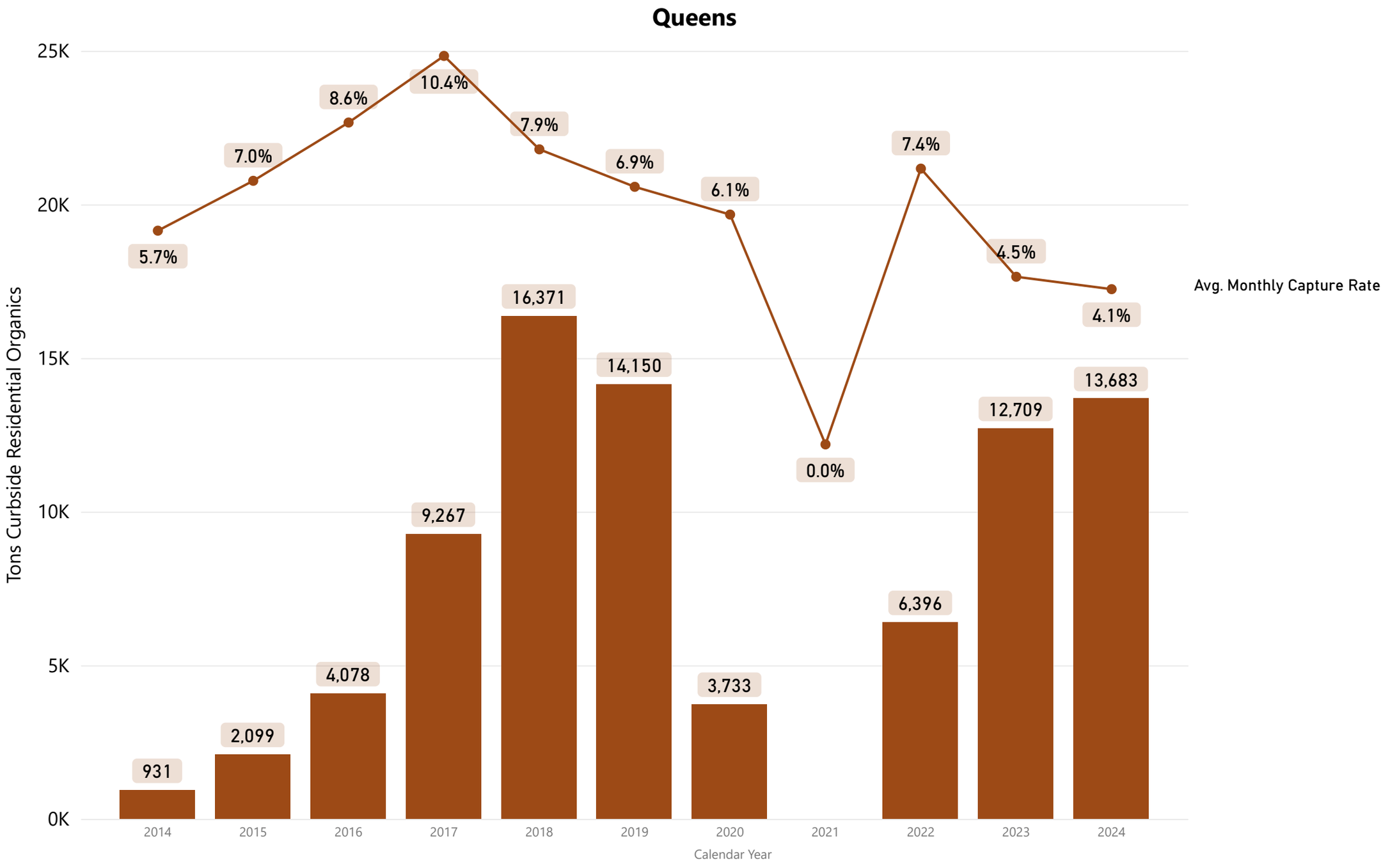
CY2024 Residential Curbside Organics Capture Rate Report

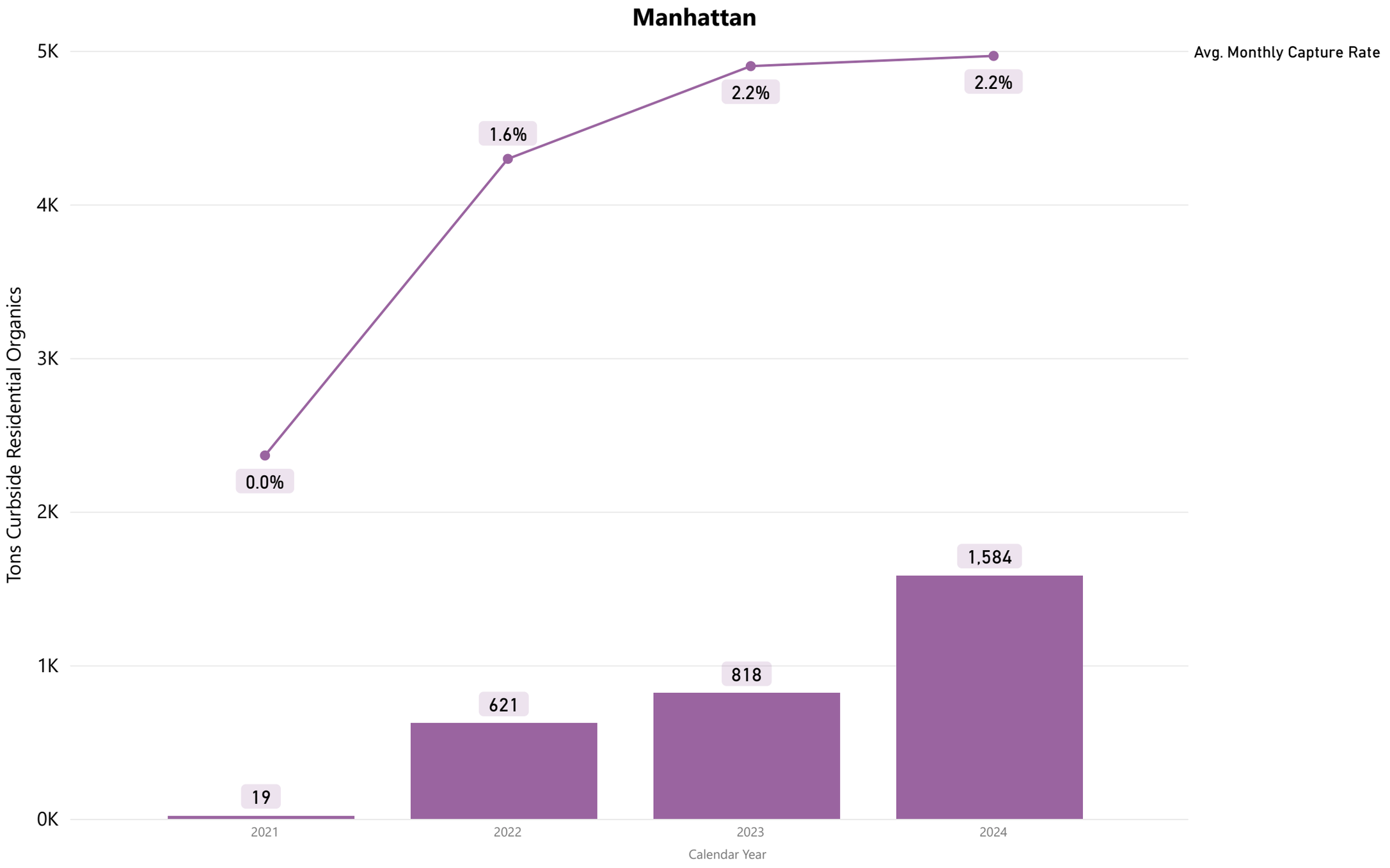
January 2025

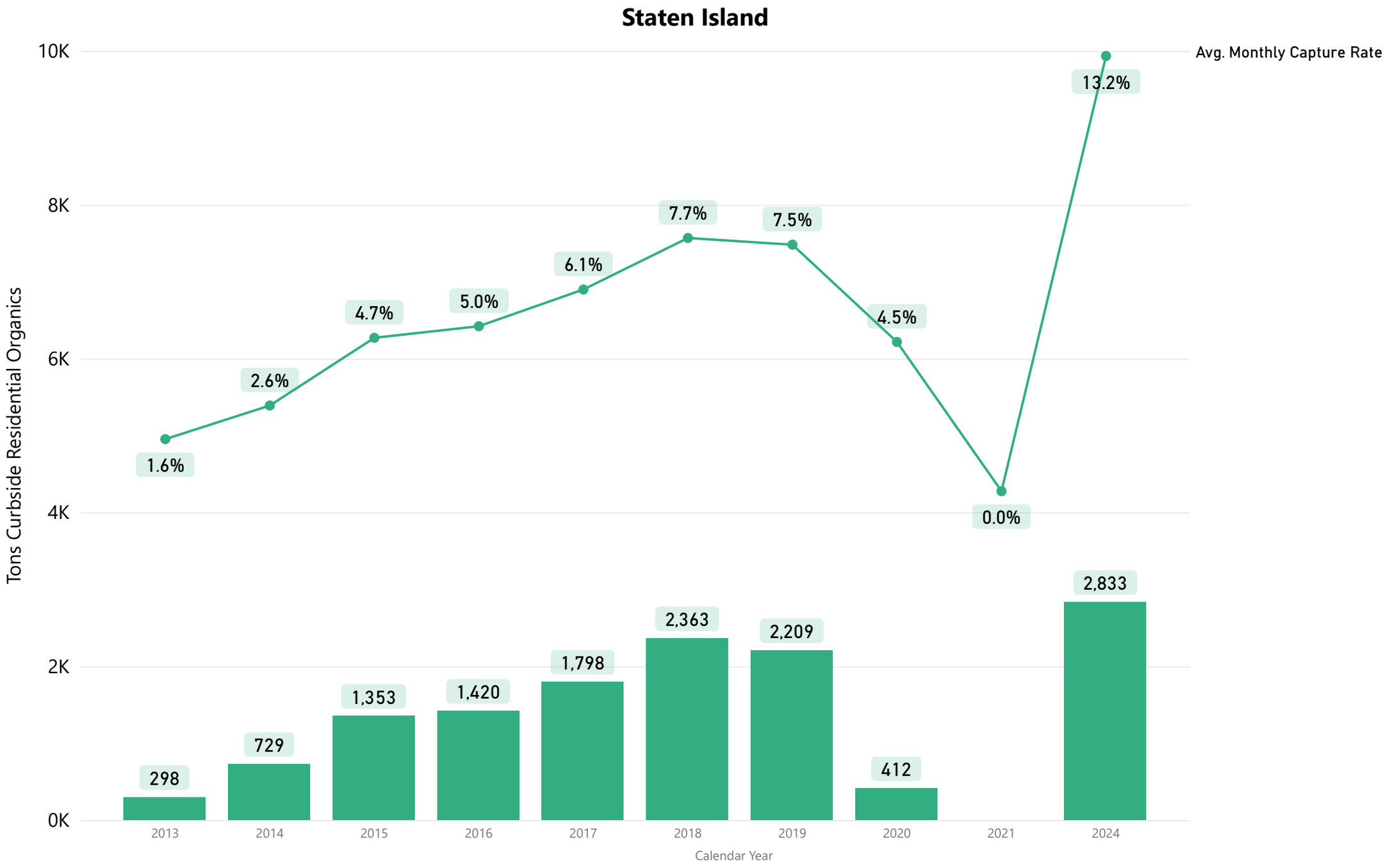
Contact author at samantha.macbride@baruch.cuny.edu.


Bronx
10K
8K
6K
4K
2K
0K
Tons Curbside Residential Organics
4.1%
3.0%
3.2%
3.0%
6.5%
8.3%
7.8%
5.8%
0.0%
3.3%
4.1%
3.1%
137
408
666
799
2,912
5,874
5,347
1,176
16
365
512
1,834
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
Calendar Year
Avg. Monthly Capture Rate

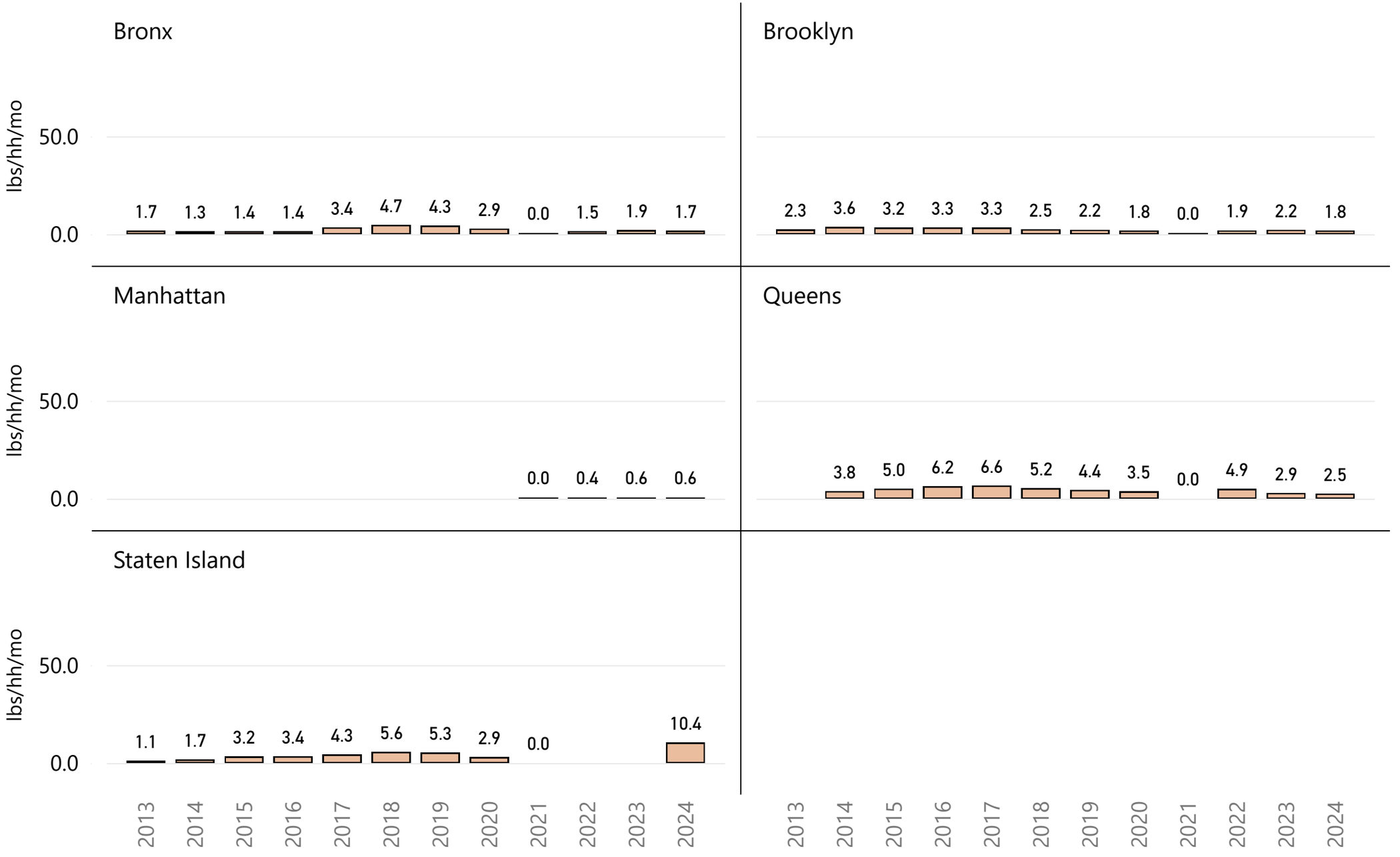

Brooklyn
20K
15K
10K
5K
0K
Tons Curbside Residential Organics
Avg. Monthly Capture Rate
3.4%
6.7%
6.5%
7.0%
6.3%
4.8%
4.6%
4.0%
0.1%
4.4%
4.5%
3.5%
151
2,404
3,614
4,222
8,146
8,488
7,686
2,074
293
2,582
5,888
11,833
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
Calendar Year


Queens
25K
20K
15K
10K
5K
0K
Tons Curbside Residential Organics
5.7%
7.0%
8.6%
10.4%
7.9%
6.9%
6.1%
0.0%
7.4%
4.5%
4.1%
931
2,099
4,078
9,267
16,371
14,150
3,733
6,396
12,709
13,683
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
Calendar Year
Avg. Monthly Capture Rate

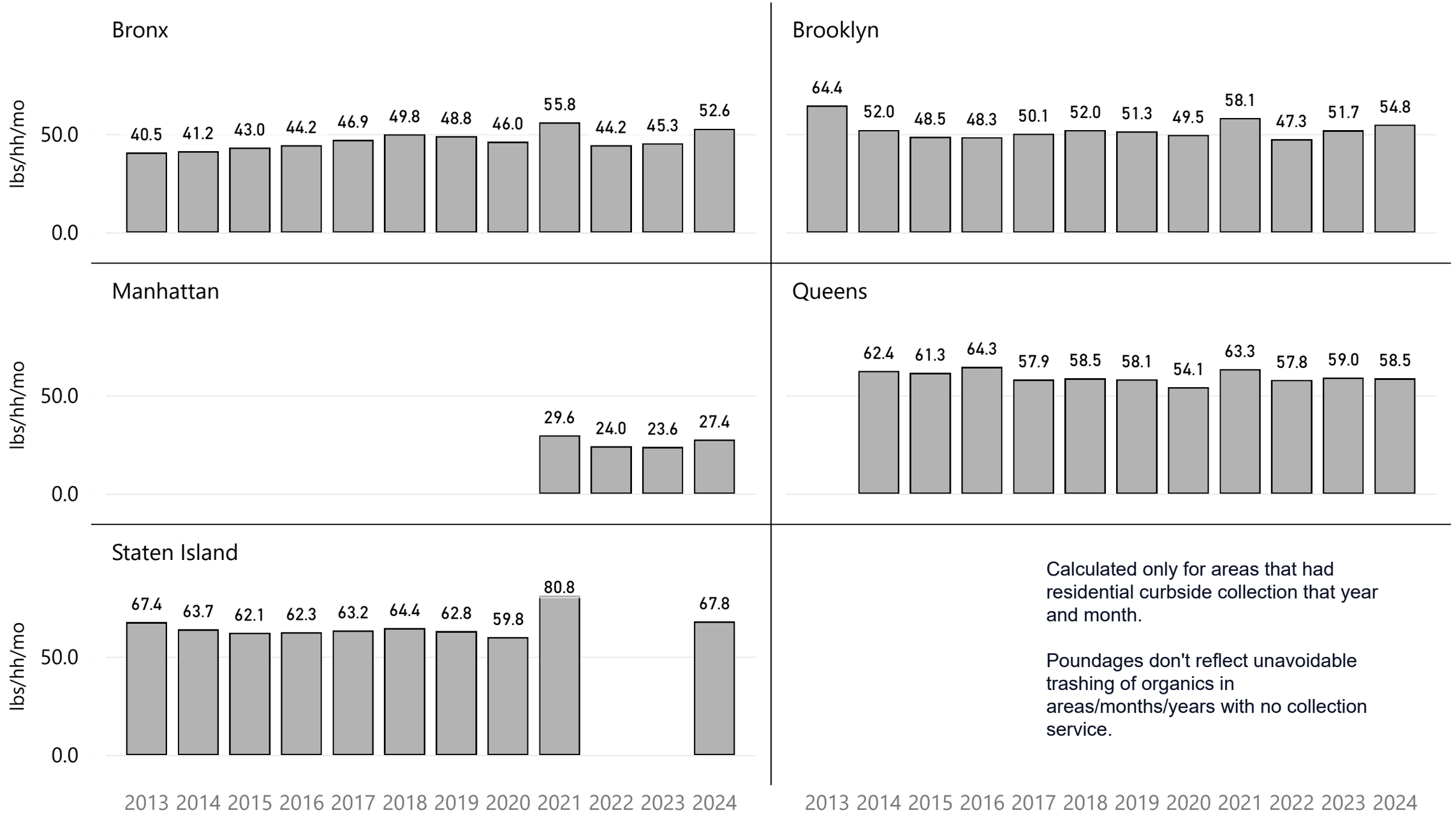

Manhattan
Avg. Monthly Capture Rate
5K
4K
3K
2K
1K
0K
Tons Curbside Residential Organics
0.0%
1.6%
2.2%
2.2%
19
621
818
1,584
2021
2022
2023
2024
Calendar Year


Staten Island
Avg. Monthly Capture Rate
Tons Curbside Residential Organics
10K
8K
6K
4K
2K
0K
1.6%
2.6%
4.7%
5.0%
6.1%
7.7%
7.5%
4.5%
0.0%
13.2%
298
729
1,353
1,420
1,798
2,363
2,209
412
2,833
2013
2014
2015
2016
2017
2018
2019
2020
2021
2024
Calendar Year

Average Monthly Pounds Per Household Per Month Properly Separated for Curbside Organic Collection



Average Monthly Pounds of Compostables Trashed



Calculated only for areas that had residential curbside collection that year and month.

Poundages don't reflect unavoidable trashing of organics in areas/months/years with no collection service.