

# The Bitter Truth of Plastic Pollution



PLASTIC  
SOLUTIONS  
FUND

#break  
free  
from  
plastic

# **The Bitter Truth of plastic pollution**

**(Brand Audit of 2021)**

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## Table of Contents

Executive Summary.....	4
Background of Brand Audit.....	5
Goal of Brand Audit 2021.....	6
Audit Location .....	7
Methodology.....	9
Planning & Preparing .....	9
Site Selection.....	9
Volunteer Selection & Training .....	10
Plastic Waste Brand Audit.....	11
Data Analyzing .....	13
Returning Waste to the Manufacturers.....	14
Findings .....	16
Brand wise details of audited single use plastic in Dhaka .....	17
Limitations.....	38
Recommendations .....	39
Conclusion.....	40
Pictorials.....	41

Plastic pollution, a by-product of fundamental flaws in an essentially linear plastic system, is a major environmental challenge, time we yet a coherent global strategy to solve this growing crisis remains elusive. This is high demand greater corporate accountability for the plastic pollution crisis that plagues our planet. Brand audits are one tangible tool to push corporations and policy makers towards building better systems for a plastic-free future.

Break Free From Plastic (BFFP) brand audit is a citizen action initiative. This initiative involves counting and documenting the brands found on plastic waste collected at a cleanup to identify the companies responsible for plastic pollution. By collecting data on plastic waste, we challenge the industry narrative about who is responsible for the plastic crisis and how to solve it. Brand audits enable us to shift the focus back to the companies that are responsible for creating the problem in the first place, and empower us to demand that they stop producing unnecessary throwaway single-use plastics.

This brand audit report holds the top polluting companies accountable for fueling the plastic pollution crisis in Bangladesh. We found around 131.6298 kg of plastic waste in the Bepin park area surrounded by Brahmaputra River located in Mymensingh District and Dhanmondi Lake area and surrounding communities in Dhaka District area which we audited for plastic waste. The selected area of Dhaka was audited for 3 days and approximately each day consist of 4 hours of working with the aid of 50 volunteers. The sites in Mymensingh were audited for 3 days with 6 hours of working/day. 55 volunteers were trained up for this initiative. This list of waste is prominently dominated by The Coca-Cola Company (41.82332 kg), closely followed by Pran-RFL Group (23.94311kg), then PepsiCo (16.16016 kg), and some other local and multinational company like Akij food & Beverage Ltd (6.02304 kg), Partex Group (6.70646 kg), Unilever (5.189kg), Meghna Group (3.47657 kg), Quaseem Food Products Limited (2.8409kg), and Bombay Sweets Limited (2.7141 kg) etc. Among the collected waste we found 78.04642 kg of recyclable waste & 52.0526 kgs of non-recyclable waste which clearly underlines the fact that recycling can not be the solution of plastic pollution crisis.

Brand Audit is one step further step ahead of litter cleanups by reporting the brands found on plastic waste gathered at a cleanup. This assists us with recognizing the organizations answerable for plastic contamination. Regardless of how diligently we attempt to try not to purchase plastic and regardless of the amount we reuse, it won't ever be sufficient. The rate organizations extricate petroleum products to fabricate more plastic packaging will consistently subvert our singular endeavors. To genuinely tackle the plastic issue, we are approaching these organizations to quit delivering such a lot of pointless single-use plastic in any case. All things considered, we encourage these organizations to move towards genuine arrangements that dispense with the requirement for single-use plastic bundling through and through.

Communities all throughout the globe are assuming control over issue to make arrangements focused on decrease of plastic contamination by focusing on the individuals who make and sell items. Individuals are supporting new plans of action utilizing local area-based reuse and refill frameworks. Alternative delivery frameworks are springing up all over, dispensing with our dependence on single-use plastic bundling. Additionally extended producer responsibility laws are expecting organizations to pay the full expense for the assortment and waste treatment toward the finish of life of their items. However, even as this historic work is developing, organizations have kept on siphoning unmanageable single-use plastic waste into these equivalent networks. We are sold espresso, drinks, snacks, sandwiches, shampoo, soap, and even fruits and vegetables packaged in single-use plastic. It's the ideal opportunity for all organizations to help our communities by putting resources into alternatives and eliminating single-use plastic unequivocally.

Brand audit and become a part of the worldwide movement to stand up and say, “Enough is enough” on plastic pollution. Since 2018, as a core BFFP member ESDO have performed brand audits to call out the top plastic polluters. By categorizing and counting branded plastic packaging during a cleanup or collection effort, this process has helped to identify the companies which are most responsible for plastic pollution.

Through brand audits, ESDO along with Break Free From Plastic is working towards several long term goals.

- **Shift the narrative**

By collecting data on plastic waste, we strengthen our ability to change the story we have been told about who is responsible for the plastic problem and how to solve it. With brand audits, we shift the narrative of responsibility back to the companies that created the plastic problem to expose their false solutions and demand real change.

- **Hold plastic polluting companies accountable**

To truly end plastic pollution, we must call on companies to stop producing so much unnecessary single-use plastic in the first place. In this brand audit report, we reveal the data showing which companies were found to pollute the most places with the most plastics we audited. This holds the top polluting companies accountable for their leading role in the plastic pollution crisis.

- **Build a global movement**

Movement building is key to shifting policies, companies, and culture. Our campaigns rely on people power to stand up to powerful companies. We are committed to building a strong, diverse, resilient and inclusive movement that represents those who seek a future free from plastic pollution, from one end of the plastic pipeline to the other.



As per the standard protocol defined by the “Break Free From Plastic” guidelines, Brand audit should be carried out in an accessible public place (both indoor and outdoor) where one can find abundant plastic wastes to collect. This year, we audited plastic waste around Dhanmondi lake in Dhaka City & around Bipin Park in Mymensingh City, which were public places. These sites have been chosen with a view to having an insight upon the single use plastic pollution condition in the general public space.

Dhanmondi Lake area and surrounding communities in Dhaka District area were chosen to have a proper assessment of waste scenario in a public place.

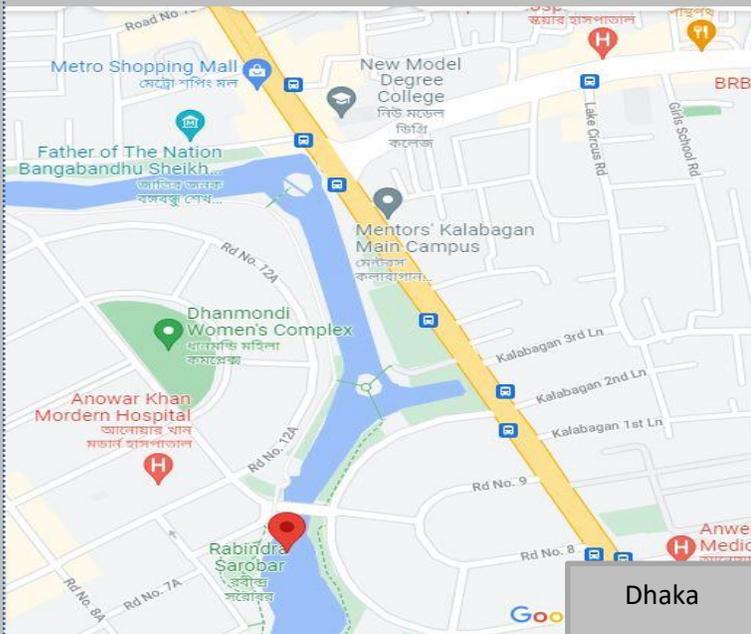


Figure 1: Location Map & Some Volunteers of Brand Audit 2021 in Rabindro Sharabar, Dhanmondi Lake, Dhaka

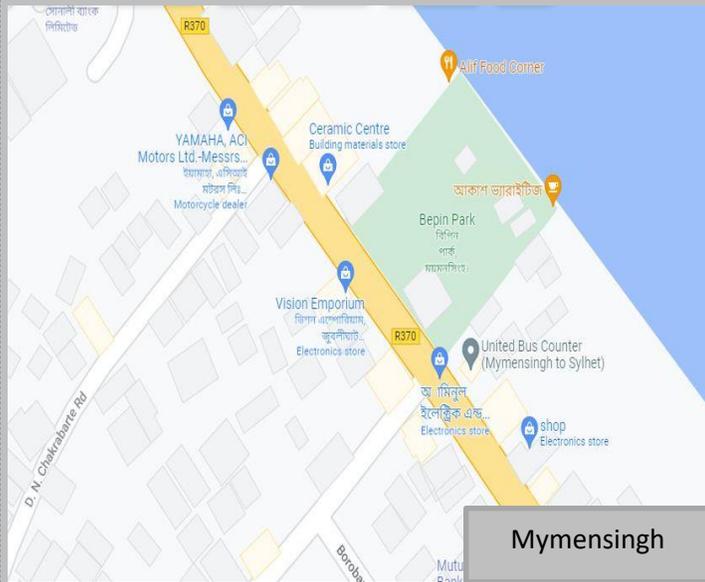


Figure 2: Location Map & Some Volunteers of Brand Audit 2021 in Mymensingh City

The Bepin Park area surrounded by the Brahmaputra River were chosen to have the assessment in a river side area. This also give some perspective on the waste management and consumer scenario of plasrtic waste in two different districts.



## Planning & Preparing

The very first step of conducting an audit activity is to make a comprehensive plan and carry out the preparatory activities accordingly prior to the event. This includes selection of the audit area, identification of the necessary logistics and arrange for their timely procurement, volunteer orientation/training as well as mobilization of necessary funds. We also planned beforehand about the collected waste disposal. As per the plan, the recyclable materials should go to our local material recovery and/or recycling facilities like PET Bottles and biodegradable wastes could be set aside for composting.

## Site Selection

This year, we chose Bepin park area surrounded by Brahmaputra River located in Mymensingh District and Dhanmondi Lake area and surrounding communities in Dhaka District as the audit areas for the respective activity.



Figure 3: Waste Found in Dhanmondi Lake



Figure 4: Waste Found in Mymensingh

## Volunteer Selection & Training

A training session was conducted for 50 volunteers for Dhaka City Audit & 55 volunteers for Mymensingh city audit by ESDO team members on the day before the event. This year, concerned ESDO project members also participated in webinar arranged by BFFP to better understand the concept and strategies to organize a successful Brand Audit event.



**Goal of the Brand Audits**

- 1. Shift the narrative.** By collecting data on plastic waste, we strengthen our ability to change the story we have been told about who is responsible for the plastic problem and how to solve it. With brand audits, we shift the narrative of responsibility back to the companies that created the plastic problem to expose their false solutions and demand real change
- 2. Hold plastic polluting companies accountable.** To truly end plastic pollution, we must call on companies to stop producing so much unnecessary single-use plastic in the first place. In our annual brand audit report, we reveal the data showing which companies were found to pollute the most places with the most plastics. This holds the top polluting companies accountable for their leading role in the plastic pollution crisis.
- 3. Build a global movement.** Movement building is key to shifting policies, companies, and culture. Our campaigns rely on people power to stand up to powerful companies. We are committed to building a strong, diverse, resilient and inclusive movement that represents those who seek a future free from plastic pollution, from one end of the plastic pipeline to the other.

zoom 0

Figure 5: Volunteer Team Orientation



**Brand Audit 2021**

*Guidelines For Volunteers*

- Step-1: Be clear about the objective of the audit
- Step-2: Make a list of all required stuff for conducting the audit including Covid-19 safety products
- Step-3: Have a planning with time division to decide which survey activity to be done in which time for ensuring to cover the decided sample size.
- Step-4: Make sure to pack all the necessary stationaries along for the audit. Take extra sheet of blank papers, just in case you get a chance to find more wastes than anticipated
- Step-5: Make sure to fill out the details in the sheet (make sure of the quantity)
- Step-6: Remember to take pictures of collection process & wastes in proper angle
- Step-7: Take a "before" picture of the site what you're about to audit! Later, take an "after" photo of the site and share your progress immediately with us
- Step-8: Make sure to collect all the wastes in a sack
- Step-9: Please take your own water bottles, cutleries and hand towel with you considering the time of pandemic
- Step-10: Mail us the plastic waste pictures with data sheet on each survey day
- Step-11: Sort the wastes as per parent company
- Step-12: Give the sorted waste back to the local agent company with a journalist representative

**BEST OF LUCK!!**

Figure 6: Brand Audit Guideline For The Volunteers

## Plastic Waste Brand Audit

The Brand Audit event was conducted from 5th of September, 2021 to 7<sup>th</sup> September, 2021 at both Bepin park area surrounded by Brahmaputra River located in Mymensingh District and Dhanmondi Lake Surrounding Area, Dhaka District from 9 am up to 1 pm. The audit activity includes collection of Single use plastic wastes from the designated audit area, identifying and recording their respective brands and eventually developing an inventory. The aim is to identify from the audit records the top corporations that are responsible for producing the most amounts of single use plastic wastes in the respective area. A team of total 55 volunteers in Mymensingh & 50 volunteers in Dhaka comprising of school & university students, scout & girls guide actively participated in the event.





Before



#BrandAudit2021



After

To carry out the activity in an organized manner, the volunteers were divided into 20 small groups each comprising of 2 members. Both the team members were responsible for filling up the brand audit data card and sorting and classifying the plastic wastes alternately. The teams were deployed in some major focal points within the specified territory and were continuously monitored and supervised by the organizing team. Apart from the volunteers, ESDO officials and civilians directly or indirectly took part in the movement. We gave each team two jute sacks to sort plastic waste into recyclable and non-recyclable at the time of collection.





## Data Analyzing

The information recorded in the Brand Audit data sheets has been analyzed using Microsoft Excel Sheet provided by BFFP and the results have been included in this Brand Audit report. We manually sorted the recyclable & nonrecyclables in our data sheet calculated with using Microsoft excel. The findings have been graphically illustrated with the application of the visual representation tools (graphs, charts) in the report.



## Returning Waste to the Manufacturers

After collection of the waste, it was sorted as per recyclable and non-recyclable first. The recyclable waste like single layer PET bottles were sent to the local recyclers. The non-recyclable waste like sachets, packaging items, even the level of the PET bottles were sorted and major founded wastes were boxed up and wrapped for sending back to those who manufactured it.





Figure 7: Boxed Up Plastic Waste as Per Parent Company

We sent the nonrecyclable waste to the Dhaka Corporate offices of Coca-Cola, PepsiCo, Unilever, Pran, Bombay Sweets and Square with a note where we requested them to come up with ecofriendly solution. We personally handed over the plastic waste to the distributors in Mymensingh City. Additionally, we sent the recyclable waste to the local recyclers both in Dhaka & Mymensingh.



Figure 8: Sample of Sent Letter to The Manufacturers



Figure 9: Handing over waste to Unilever’s Distributor in Mymensingh

Around 19963 number of plastic scraps was collected by the volunteers in three days. The total weight of the collected waste was measured to be 131.6298 kg. After collection, the scraps were sorted and the brands were recorded in the data cards. The audit record identified major 33 local and 11 international companies producing near about 200 brands in total. The study identified specific brands and their corresponding manufacturers whose items were found in most abundant amounts. The brands include – Coca-Cola, Pepsi, Mum, Pran, Zaa and Zee, AlooZ, Matador Orbit, Bashundhara tissue (packet), Fresh Tissue (packet), Lexus, Center Fruit, Fruit

Fun, Pulse, Ruchi, Sunsilk, Center Fruit, Mum, Kinley, etc. The total list is dominated mainly by The Coca-Cola Company, Pran-RFL Group, PepsiCo, Partex Group, Akij Food & Beverage Limited and Unilever. Manufacturers to some of these brands are international and others are national or local brands. However, unbranded products were also found in abundant quantities from the field.



## Brand wise details of audited single use plastic in Dhaka

Table 1: Brand wise details of audited single use plastic in Dhaka

Brand Name	Parent Company	Item Description	Type of Plastic	Layers	Total Count	Total Weight (g)
Coke	The Coca-Cola Comany	250 mL Bottle	PET	SL	310	3096.9
Coke	The Coca-Cola Comany	200 mL Bottle	PET	SL	107	908.43
Coke	The Coca-Cola Comany	Bottle Cap	PP	ML	417	1743.06
Coke	The Coca-Cola Comany	Bottle Label	PP	ML	417	1288.53
Kinley	The Coca-Cola Comany	1 Litre Bottle	PET	SL	15	584.4
Kinley	The Coca-Cola Comany	2 Litre Bottle	PET	SL	18	756
Kinley	The Coca-Cola Comany	250 mL Bottle	PET	SL	419	4185.81
Kinley	The Coca-Cola Comany	500 mL Bottle	PET	SL	278	4659.28
Kinley	The Coca-Cola Comany	Bottle Cap	PP	ML	737	3080.66
Kinley	The Coca-Cola Comany	Bottle Label	PP	ML	697	2153.73
Sprite	The Coca-Cola Comany	500 mL Bottle	PET	SL	23	413.54
Sprite	The Coca-Cola Comany	250 mL Bottle	PET	SL	98	979.02
Sprite	The Coca-Cola Comany	Bottle Cap	PP	ML	107	447.26
Sprite	The Coca-Cola Comany	Bottle Label	PP	ML	98	302.82
Fanta	The Coca-Cola Comany	250 mL Bottle	PET	SL	37	369.63
Fanta	The Coca-Cola Comany	Bottle Cap	PP	ML	47	196.46
Fanta	The Coca-Cola Comany	Bottle Label	PP	ML	37	114.33
Mentos	Perfetti van Melle	Wrapper	PP	ML	28	71.68
Center Fruit	Perfetti van Melle	Wrapper	PP	ML	97	248.32
Center Fresh	Perfetti van Melle	Wrapper	PP	ML	83	212.48
Danish	Partex Group	Biscuit Wrapper	PP	ML	43	209.84
Mum	Partex Group	2 litre Bottle	PET	SL	32	1344
Mum	Partex Group	1 litre Bottle	PET	SL	17	662.32
Mum	Partex Group	250 mL Bottle	PET	SL	40	670.4
Mum	Partex Group	Bottle Cap	PP	ML	98	979.02
Mum	Partex Group	Bottle Label	PP	ML	187	781.66
Lexus	Partex Group	Biscuit Wrapper	PP	ML	187	577.83
Ruchi	Square Food & Beverage Limited	Chanachur Packet	PP	ML	77	375.76
Dan Cake	Pandughar Limited Dan Cake A/S, Denmark	Cake Packet	PP	ML	76	393.68

Brand Name	Parent Company	Item Description	Type of Plastic	Layers	Total Count	Total Weight
Pran	PRAN-RFL Group	Jhalmuri Packet	PP	ML	81	419.58
Pran	PRAN-RFL Group	Dry Cake Packet	PP	ML	65	336.7
Pran	PRAN-RFL Group	2 Litre Water Bottle	PET	SL	32	1344
Altime	PRAN-RFL Group	Packet	PP	ML	167	865.06
Pran	PRAN-RFL Group	Sauce Sachet	PP	ML	56	183.12
Pran	PRAN-RFL Group	Dal Packet	PP	ML	45	233.1
Pran	PRAN-RFL Group	Rice Packet	PP	ML	29	209.09
Tango	PRAN-RFL Group	250 mL Bottle	PET	SL	40	399.6
Drinko	PRAN-RFL Group	250 mL Bottle	PET	SL	34	339.66
Pran	PRAN-RFL Group	Bottle Cap	PP	ML	106	443.08
Pran	PRAN-RFL Group	Bottle Label	PP	ML	106	327.54
Pran	PRAN-RFL Group	Peanut Packet	PP	ML	34	176.12
Pran	PRAN-RFL Group	Pizza Bun Packet	PP	ML	36	186.48
Potato Crackers	Bombay Limited	Sweets Chips Packet	PP	ML	78	510.12
Mr. Twist	Bombay Limited	Sweets Chips Packet	PP	ML	34	222.36
Ring Chips	Bombay Limited	Sweets Chips Packet	PP	ML	25	163.5
Mountain Dew	PepsiCo	250 mL Bottle	PET	SL	75	749.25
Mountain Dew	PepsiCo	Bottle Cap	PP	ML	71	296.78
Mountain Dew	PepsiCo	Bottle Label			75	231.75
Aquafina	PepsiCo	500 mL Bottle	PET	SL	89	1600.22
Aquafina	PepsiCo	250 mL Bottle	PET	SL	65	649.35
Aquafina	PepsiCo	Bottle Cap	PP	ML	154	643.72
Aquafina	PepsiCo	Bottle Label	PP	ML	154	475.86
Pepsi	PepsiCo	250 mL Bottle	PET	SL	45	449.55
Pepsi	PepsiCo	Bottle Cap	PP	ML	45	188.1
Pepsi	PepsiCo	Bottle Label	PP	ML	45	139.05
7up	PepsiCo	1 litre Bottle	PET	SL	20	779.2
7up	PepsiCo	250 mL Bottle	PET	SL	89	889.11
7up	PepsiCo	Bottle Cap	PP	ML	109	455.62
7up	PepsiCo	Bottle Label	PP	ML	109	336.81
Mirinda	PepsiCo	250 mL Bottle	PET	SL	34	339.66
Mirinda	PepsiCo	Bottle Cap	PP	ML	34	142.12
Mirinda	PepsiCo	Bottle Label	PP	ML	34	105.06
Kurkure	PepsiCo	Chips Packet	PP	ML	54	353.16
Lay's	PepsiCo	Chips Packet	PP	ML	37	241.98

Brand Name	Parent Company	Item Description	Type of Plastic	Layers	Total Count	Total Weight
Sunsilk	Unilever	Shampoo Sachet	PP	ML	56	290.08
Wheel	Unilever	Detergent Packet	PP	ML	23	119.14
Vim	Unilever	Packet	PP	ML	13	85.02
Lifebuoy	Unilever	Packet	PP	ML	17	111.18
Clear	Unilever	Shampoo Sachet	PP	ML	32	165.76
Surf Excel	Unilever	Detergent Packet	PP	ML	18	93.24
Close-Up	Unilever	Tooth Paste Tube	HDPE	ML	12	587.76
Cadbury	Kraft Heinz	Wrapper	PP	ML	46	238.28
Diploma	New Zealand Dairy	500 gm Milk Powder Packet	PP	ML	21	137.34
Aarong Dairy	BRAC Dairy	250 mL Bottle	HDPE	SL	43	429.57
Aarong Dairy	BRAC Dairy	Yogurt Cup	HDPE	SL	23	215.28
Aarong Dairy	BRAC Dairy	Milk Packet	PP	ML	25	163.5
Acme Juice	ACME Agrovet and Beverages Ltd	Juice Packet	PP	SL	28	262.08
Acme Water	ACME Agrovet and Beverages Ltd	250 mL Bottle	PET	SL	15	149.85
Milk Vita	Milk Producers Co-operative Union Limited	Milk Packet	PP	ML	31	202.74
Milk Vita	Milk Producers Co-operative Union Limited	Bottle	HDPE	SL	178	1666.08
Milk Vita	Milk Producers Co-operative Union Limited	Bottle Cap	PP	ML	137	572.66
SMC	SMC Enterprise Limited	Saline Packet	PP	ML	49	253.82
Igloo	Abdul Monem Limited	Icecream Wrapper	PP	ML	28	164.92
Igloo	Abdul Monem Limited	100mL icecream cup	PP	ML	178	1283.38
Oreo	Mondelez International	Biscuit Wrapper	PP	ML	43	209.84
KitKat	Nestle	Wrapper	PP	ML	34	176.12
Maggi	Nestle	Noodles Packet	PP	ML	16	81.44
Nescafe	Nestle	Coffee Sachet	PP	ML	24	85.92
Nestea	Nestle	Tea Sachet	PP	ML	11	39.38
Fresh	Meghna Group	250 mL Bottle	PET	SL	33	329.67
Fresh	Meghna Group	5 Litre Oil Bottle	PET	SL	11	888.58
Speed	Akij food & Beverage Ltd	250 mL Bottle	PET	SL	19	189.81
Spa	Akij food & Beverage Ltd	250 mL Bottle	PET	SL	16	159.84
Spa	Akij food & Beverage Ltd	1 Litre Bottle	PET	SL	18	701.28
Frutika	Akij food & Beverage Ltd	200 mL Bottle	PET	SL	14	118.86

Brand Name	Parent Company	Item Description	Type of Plastic	Layers	Total Count	Total Weight	
<b>Pushti</b>	Bashundhara Group	2KG Ata Packet	PP	ML	49	253.82	
<b>Bashundhara Tissue</b>	Bashundhara Group	Packet	PP	ML	41	212.38	
<b>Bashundhara Ruti</b>	Bashundhara Group	Packet	PP	ML	19	98.42	
<b>Meridian</b>	Meridian Group Bd	Chips Packet	PP	ML	41	282.49	
<b>Zaa' n Zee</b>	Kazi Food Industries Limited	Ice-cream Wrapper	PP	ML	44	317.24	
<b>Zaa' n Zee</b>	Kazi Food Industries Limited	100mL ice-cream cup	PP	ML	29	141.52	
<b>Magic</b>	Olympic Industries Limited	Biscuit Packet	PP	ML	20	97.6	
<b>Lexus</b>	Olympic Industries Limited	Biscuit Packet	PP	ML	61	297.68	
<b>Nutty</b>	Olympic Industries Limited	Biscuit Packet	PP	ML	20	103.6	
<b>Pulse</b>	Olympic Industries Limited	Packet	PP	ML	34	165.92	
<b>Energy</b>	Haque Food Industries Limited	Biscuit Packet	PP	ML	15	88.35	
<b>Polar</b>	Dhaka Ice Cream Industries limited	Ice-cream Wrapper	PP	ML	55	323.95	
<b>Kwality</b>	Kwality Walls	Ice-cream Wrapper	PP	ML	76	497.04	
<b>Sun Chips</b>	Quaseem Food Products Limited	Chips Packet	PP	ML	49	253.82	
					<b>Total</b>	<b>9033</b>	<b>60953.97g</b>
							<b>60.95397kg</b>

*Table 2: Brand wise details of audited single use plastic in Mymensingh*

<b>Brand Name</b>	<b>Parent Company</b>	<b>Item Description</b>	<b>Type of Plastic</b>	<b>Layers</b>	<b>Total Count</b>	<b>Total Weight (g)</b>
<b>Coke</b>	The Coca-Cola Company	250 mL Bottle	PET	SL	159	1588.41
<b>Coke</b>	The Coca-Cola Company	200 mL Bottle	PET	SL	99	840.51
<b>Coke</b>	The Coca-Cola Company	Bottle Cap	PP	ML	258	1078.44
<b>Coke</b>	The Coca-Cola Company	Bottle Label	PP	ML	258	797.22
<b>Kinley</b>	The Coca-Cola Company	1 Litre Bottle	PET	SL	45	1753.2
<b>Kinley</b>	The Coca-Cola Company	2 Litre Bottle	PET	SL	61	2562
<b>Kinley</b>	The Coca-Cola Company	250 mL Bottle	PET	SL	154	1538.46
<b>Kinley</b>	The Coca-Cola Company	500 mL Bottle	PET	SL	85	1424.6
<b>Kinley</b>	The Coca-Cola Company	Bottle Cap	PP	ML	345	1442.1
<b>Kinley</b>	The Coca-Cola Company	Bottle Label	PP	ML	345	1066.05
<b>Sprite</b>	The Coca-Cola Company	500 mL Bottle	PET	SL	65	1168.7
<b>Sprite</b>	The Coca-Cola Company	250 mL Bottle	PET	SL	47	469.53
<b>Sprite</b>	The Coca-Cola Company	Bottle Cap	PP	ML	112	468.16
<b>Sprite</b>	The Coca-Cola Company	Bottle Label	PP	ML	112	346.08
<b>Mum</b>	Partex Group	2 litre Bottle	PET	SL	5	210
<b>Mum</b>	Partex Group	1 litre Bottle	PET	SL	10	389.6
<b>Mum</b>	Partex Group	250 mL Bottle	PET	SL	23	229.77
<b>Mum</b>	Partex Group	Bottle Cap	PP	ML	38	158.84
<b>Mum</b>	Partex Group	Bottle Label	PP	ML	38	117.42
<b>Ruchi</b>	Square Food & Beverage Limited	Chanachur Packet	PP	ML	89	461.02
<b>Radhuni</b>	Square Food & Beverage Limited	Packet	PP	ML	75	388.5
<b>Ketchup</b>	Square Food & Beverage Limited	Sachet	PP	ML	66	215.82
<b>Dan Cake</b>	Pandughar Limited Dan Cake A/S, Denmark	Cake Packet	PP	ML	55	284.9

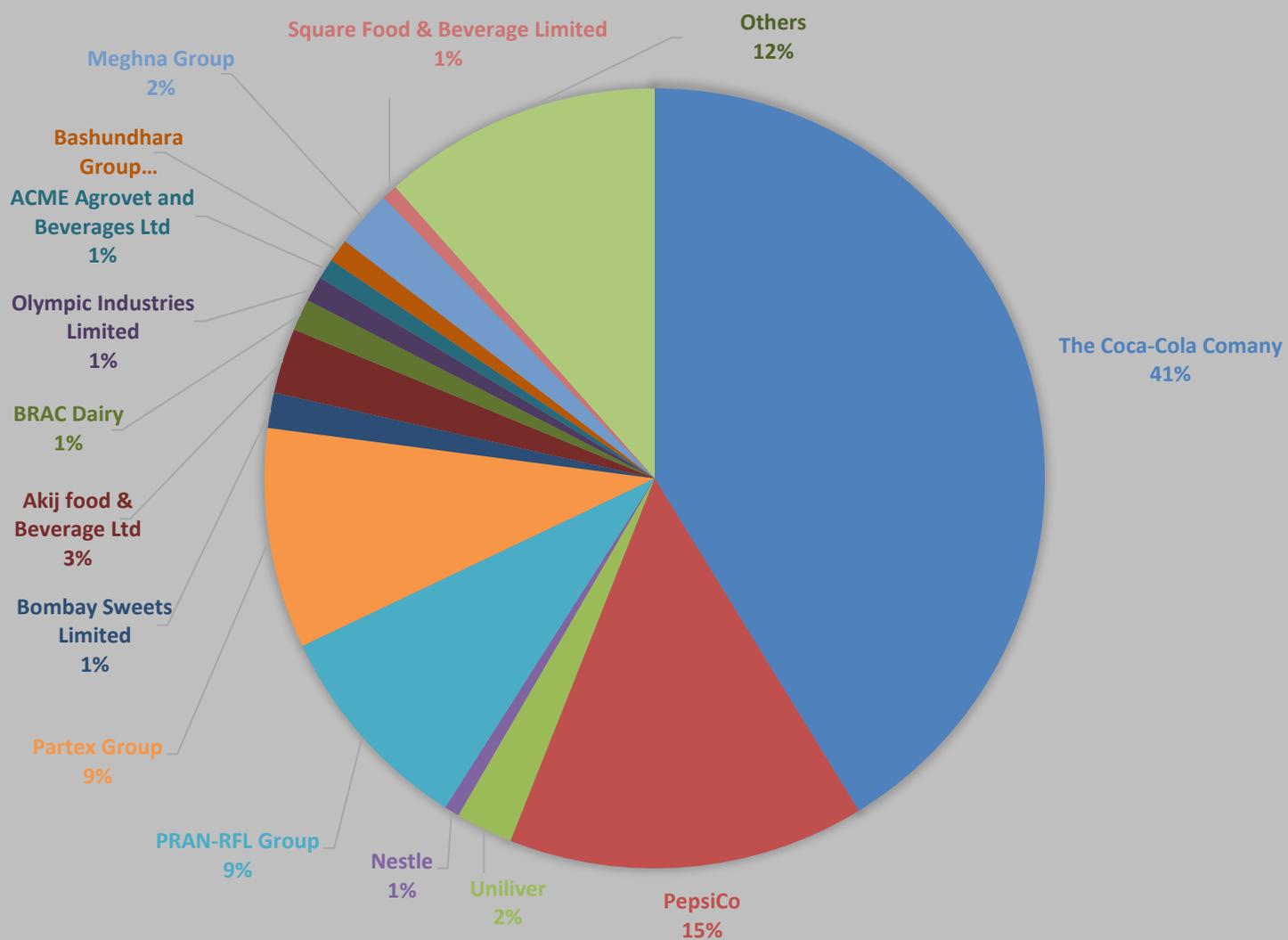
Brand Name	Parent Company	Item Description	Type of Plastic	Layers	Total Count	Total Weight
Pran	PRAN-RFL Group	Dry Cake Packet	PP	ML	42	217.56
Pran	PRAN-RFL Group	2 Litre Water Bottle	PET	SL	23	966
Altime	PRAN-RFL Group	Packet	PP	ML	96	497.28
Pran	PRAN-RFL Group	Sauce Sachet	PP	ML	176	575.52
Tango	PRAN-RFL Group	250 mL Bottle	PET	SL	45	449.55
Drinko	PRAN-RFL Group	250 mL Bottle	PET	SL	67	669.33
Frooto	PRAN-RFL Group	250 mL Bottle	PET	SL	98	979.02
Litchi	PRAN-RFL Group	250 mL Bottle	HDPE	SL	76	759.24
Mango	PRAN-RFL Group	250 mL Bottle	PET	SL	83	829.17
Orangego	PRAN-RFL Group	250 mL Bottle	PET	SL	74	739.26
Pran Up	PRAN-RFL Group	250 mL Bottle	PET	SL	54	539.46
Pran	PRAN-RFL Group	Bottle Cap	PP	ML	452	1889.36
Pran	PRAN-RFL Group	Bottle Label	PP	ML	452	1396.68
Pran	PRAN-RFL Group	Cake Packet	PP	ML	90	466.2
Pran	PRAN-RFL Group	Bread packet	PP	ML	63	326.34
Pran	PRAN-RFL Group	Milk Packet	PP	ML	107	699.78
Pran	PRAN-RFL Group	Masala Packet	PP	ML	48	248.64
Fruit Fun	PRAN-RFL Group	Biscuit Packet	PP	ML	27	139.86
Fit	PRAN-RFL Group	Biscuit Packet	PP	ML	51	264.18
ChocoBean	PRAN-RFL Group	Packet	pp	ML	43	222.74
Hurray	PRAN-RFL Group	Packet	pp	ML	78	404.04
Zeros	PRAN-RFL Group	Chips Packet	PP	ML	89	582.06
Potato Crackers	PRAN-RFL Group	Chips Packet	PP	ML	125	817.5
Potato Stick	PRAN-RFL Group	Chips Packet	PP	ML	139	909.06
Chicken Chips	PRAN-RFL Group	Chips Packet	PP	ML	27	176.58
Fun	PRAN-RFL Group	Chips Packet	PP	ML	76	497.04
Chatney	PRAN-RFL Group	Packet	pp	ML	98	507.64
Honeycomb	PRAN-RFL Group	Packet	pp	ML	76	393.68
Mr. Noodles	PRAN-RFL Group	Noodles Packet	PP	ML	69	351.21
Potato Crackers	Bombay Sweets Limited	Chips Packet	PP	ML	98	640.92
Mr. Twist	Bombay Sweets Limited	Chips Packet	PP	ML	59	385.86
Alooz	Bombay Sweets Limited	Chips Packet	PP	ML	54	353.16
Chanachur	Bombay Sweets Limited	Packet	PP	ML	67	438.18

Brand Name	Parent Company	Item Description	Type of Plastic	Layers	Total Count	Total Weight
Mountain Dew	PepsiCo	250 mL Bottle	PET	SL	32	319.68
Mountain Dew	PepsiCo	Bottle Cap	PP	ML	32	133.76
Mountain Dew	PepsiCo	Bottle Label	PP	ML	32	98.88
Pepsi	PepsiCo	250 mL Bottle	PET	SL	108	1078.92
Pepsi	PepsiCo	Bottle Cap	PP	ML	108	451.44
Pepsi	PepsiCo	Bottle Label	PP	ML	108	333.72
7up	PepsiCo	1 litre Bottle	PET	SL	31	1207.76
7up	PepsiCo	250 mL Bottle	PET	SL	87	869.13
7up	PepsiCo	Bottle Cap	PP	ML	118	493.24
7up	PepsiCo	Bottle Label	PP	ML	118	364.62
Mirinda	PepsiCo	250 mL Bottle	PET	SL	68	679.32
Mirinda	PepsiCo	Bottle Cap	PP	ML	68	284.24
Mirinda	PepsiCo	Bottle Label	PP	ML	68	210.12
Kurkure	PepsiCo	Chips Packet	PP	ML	59	385.86
Lay's	PepsiCo	Chips Packet	PP	ML	28	183.12
Sunsilk	Unilever	Shampoo Sachet	PP	ML	123	637.14
Wheel	Unilever	Detergent Packet	PP	ML	82	424.76
Vim	Unilever	Packet	PP	ML	32	209.28
Lifebuoy	Unilever	Packet	PP	ML	56	366.24
Clear	Unilever	Shampoo Sachet	PP	ML	21	108.78
Rin	Unilever	Detergent Packet	PP	ML	98	507.64
Surf Excel	Unilever	Detergent Packet	PP	ML	37	191.66
Closeup	Unilever	Toothpaste Tube	HDPE	ML	16	783.68
Cadbury	Kraft Heinz	Wrapper	PP	ML	5	25.9
Diploma	New Zealand Dairy	500 gm Milk Powder Packet	PP	ML	20	130.8
Doodles	New Zealand Dairy	Noodles Packet	PP	ML	45	229.05
Poppers	New Zealand Dairy	Chips Packet	PP	ML	36	186.48
RC Cola	Dr Pepper Snapple Group	250 mL Bottle	PET	SL	45	449.55
Aarong Dairy	BRAC Dairy	250 mL Bottle	HDPE	SL	50	499.5
SMC	SMC Enterprise Limited	Saline Packet	PP	ML	43	222.74
Taste Me	SMC Enterprise Limited	Juice Box	PP	ML	29	209.09
Taste Me	SMC Enterprise Limited	Juice Packet	PP	ML	34	318.24
Igloo	Abdul Monem Limited	Icecream Wrapper	PP	ML	35	206.15
Igloo	Abdul Monem Limited	100mL icecream cup	PP	ML	15	108.15
Oreo	Mondelez International	Biscuit Wrapper	PP	ML	17	82.96

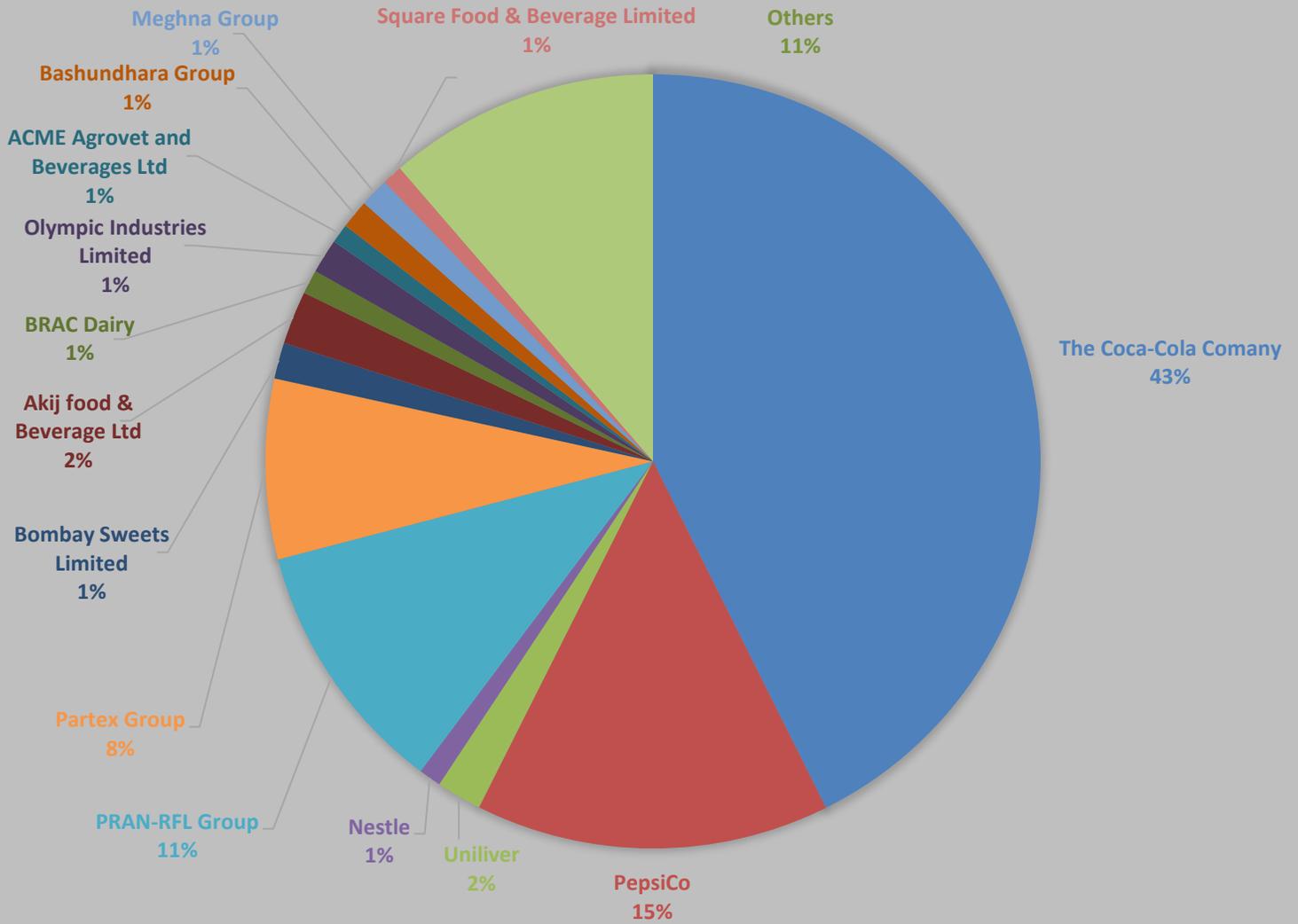
Brand Name	Parent Company	Item Description	Type of Plastic	Layers	Total Count	Total Weight
<b>KitKat</b>	Nestle	Wrapper	PP	ML	19	98.42
<b>Maggi</b>	Nestle	Noodles Packet	PP	ML	51	259.59
<b>Nescafe</b>	Nestle	Coffee Sachet	PP	ML	54	193.32
<b>Nestea</b>	Nestle	Tea Sachet	PP	ML	14	50.12
<b>Fresh</b>	Meghna Group	250 mL Bottle	PP	ML	53	529.47
<b>Fresh</b>	Meghna Group	5 Litre Oil Bottle	PET	SL	9	727.02
<b>Fresh</b>	Meghna Group	Sugar Packet	PP	ML	10	51.8
<b>Fresh</b>	Meghna Group	2KG Ata Packet	PP	ML	17	111.18
<b>ngi</b>	Meghna Group	Milk Packet	PP	ML	36	235.44
<b>Speed</b>	Akij food & Beverage Ltd	250 mL Bottle	PET	SL	109	1088.91
<b>Spa</b>	Akij food & Beverage Ltd	250 mL Bottle	PET	SL	95	949.05
<b>Frutika</b>	Akij food & Beverage Ltd	200 mL Bottle	PET	SL	12	101.88
<b>Mojo</b>	Akij food & Beverage Ltd	250 mL Bottle	PET	SL	21	209.79
<b>Cheeze</b>	Akij food & Beverage Ltd	Chips Packet	PP	ML	35	181.3
<b>Lexus</b>	Akij food & Beverage Ltd	Biscuit Packet	PP	ML	23	112.24
<b>Pushti</b>	Bashundhara Group	2KG Ata Packet	PP	ML	8	52.32
<b>Bashundhara Tissue</b>	Bashundhara Group	Packet	PP	ML	57	295.26
<b>Meridian</b>	Meridian Group Bd	Chips Packet	PP	ML	9	46.62
<b>Energy Plus</b>	Olympic Industries Limited	Biscuit Packet	PP	ML	85	414.8
<b>Lexus</b>	Olympic Industries Limited	Biscuit Packet	PP	ML	54	263.52
<b>Nutty</b>	Olympic Industries Limited	Biscuit Packet	PP	ML	78	380.64
<b>Pulse</b>	Olympic Industries Limited	Packet	PP	ML	76	393.68
<b>First Choice</b>	Olympic Industries Limited	Biscuit Packet	PP	ML	8	39.04
<b>Chocoto</b>	Olympic Industries Limited	Biscuit Packet	PP	ML	10	48.8
<b>Energy</b>	Haque Food Industries Limited	Biscuit Packet	PP	ML	76	370.88
<b>Pillow</b>	Haque Food Industries Limited	Chips Packet	PP	ML	46	300.84
<b>Lexus</b>	Haque Food Industries Limited	Biscuit Packet	PP	ML	29	141.52
<b>Mr. Cookies</b>	Haque Food Industries Limited	Biscuit Packet	PP	ML	32	156.16
<b>Mr. Wafer</b>	Haque Food Industries Limited	Biscuit Packet	PP	ML	17	82.96
<b>Polar</b>	Dhaka Ice Cream Industries limited	Icecream Wrapper	PP	ML	45	265.05
<b>Sun Chips</b>	Quaseem Food Products Limited	Chips Packet	PP	ML	85	555.9
<b>Butter Rusk</b>	Sunvalley	Biscuit packet	PP	ML	95	463.6
<b>Lexus</b>	Sunvalley	Biscuit Packet	PP	ML	45	219.6

Brand Name	Parent Company	Item Description	Type of Plastic	Layers	Total Count	Total Weight	
Motor Bhaja	Sunvalley	Packet	PP	ML	12	58.56	
Pure	ACI Limited	Maida Packet	PP	ML	24	156.96	
Pure	ACI Limited	Masala Packet	PP	ML	17	71.06	
Pure	ACI Limited	Salt Packet	PP	ML	33	170.94	
Pure	ACI Limited	Shuji Packet	PP	ML	67	347.06	
Modhuban	SB	Muri packet	PP	ML	31	160.58	
Rajib Bakery	Rajib food	Bread packet	PP	SL	34	176.12	
Matador pinpoint	Matador	pen	PS	ML	65	685.1	
Shezan Juice	Hashem food	Juice box	O	ML	29	209.09	
Tea Toast	Alin Group	Biscuit Packet	PP	ML	23	112.24	
Dano	Arla Foods	Milk Packet	PP	ML	42	274.68	
Mr. Noodles	Cocola Food Products Limited	Noodles Packet	PP	ML	36	183.24	
Tea Time	Cocola Food Products Limited	Biscuit Packet	PP	ML	28	136.64	
Choco Milk	Cocola Food Products Limited	Biscuit Packet	PP	ML	21	102.48	
Twitter	Fu-wang	Biscuit packet	PP	ML	8	39.04	
Lachhe Semai	Bonoful	Semai packet	PP	ML	9	45.81	
Fizz Up	AST beverage	250 mL Bottle	PET	SL	32	319.68	
Royal Tiger	AST beverage	250 mL Bottle	PET	SL	78	779.22	
Rongdhonu	Rongdhanu Agro & Beverage	250 mL Bottle	PET	SL	90	899.1	
Toast Rusk	Keshwan	Biscuit packet	PP	ML	34	165.92	
Head and Shoulder	Procter & Gamble	Shampoo Sachet	PP	ML	43	222.74	
					<b>Total</b>	<b>10834</b>	<b>70326.82g</b>
							<b>70.32682Kg</b>

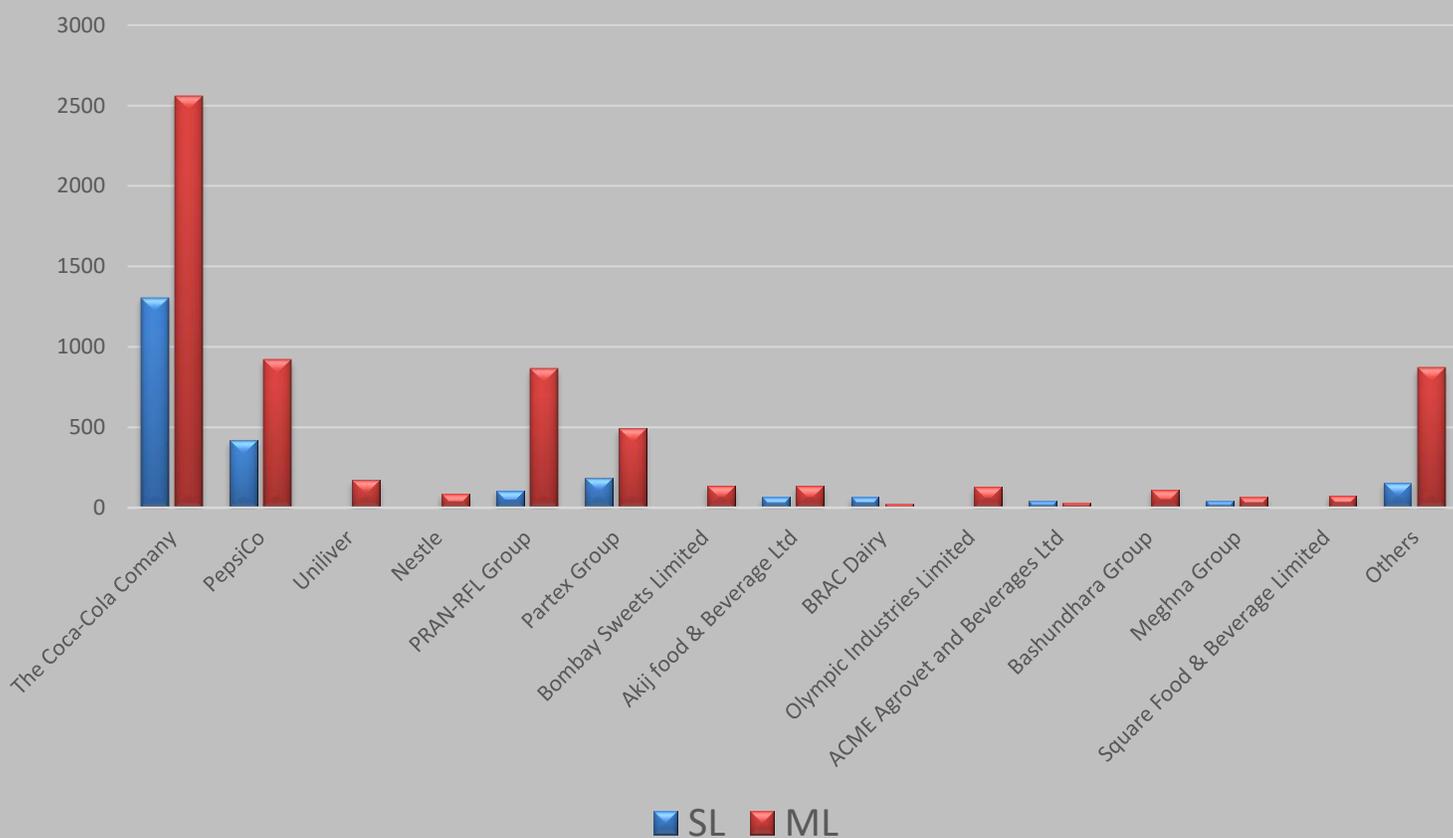
### WEIGHT (%) OF AUDITED SINGLE-USE PLASTIC AS PER PARENT COMPANIES (DHAKA)



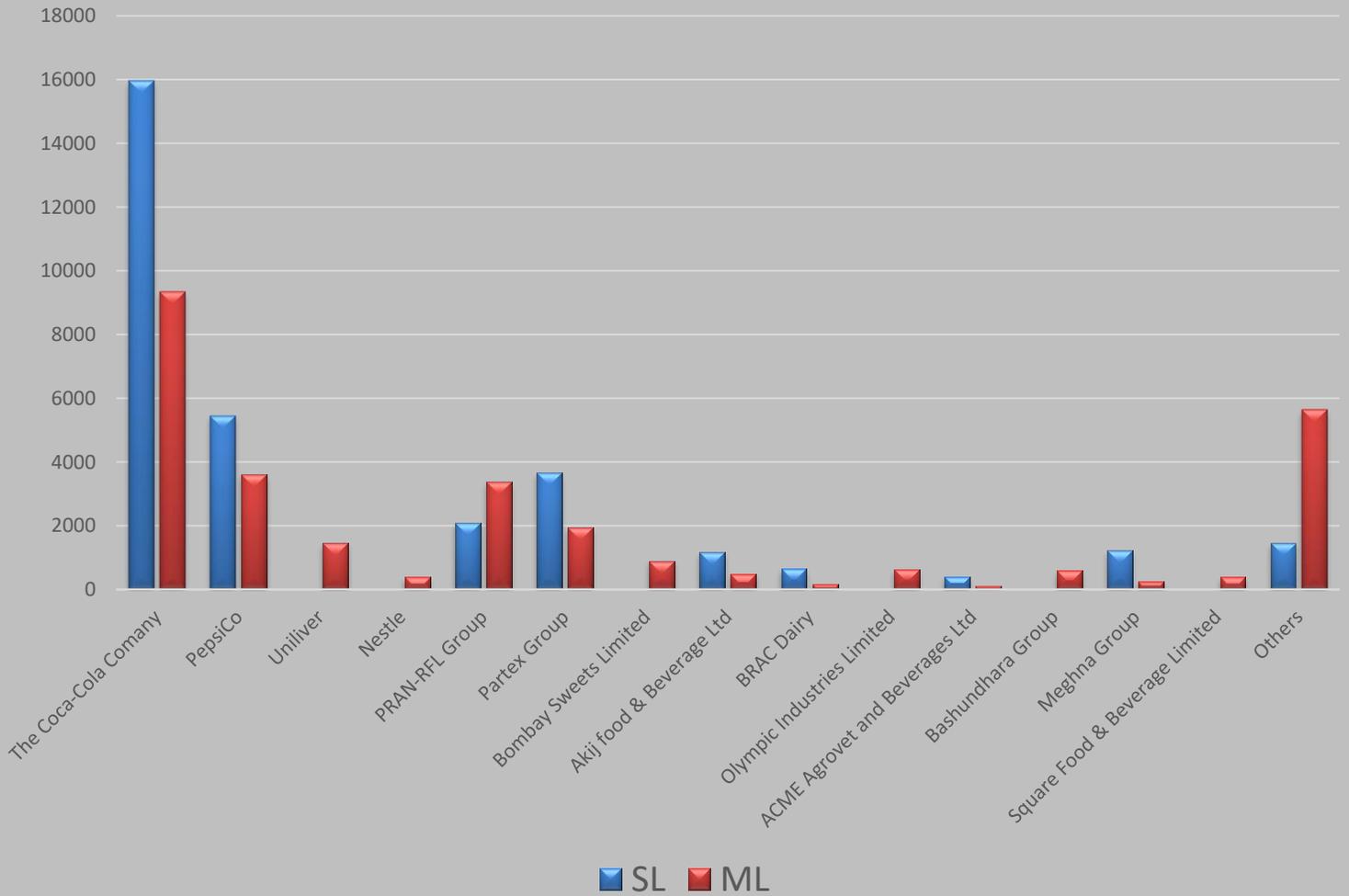
NUMBER (%) OF AUDITED SINGLE-USE PLASTIC AS PER PARENT COMPANIES (DHAKA)



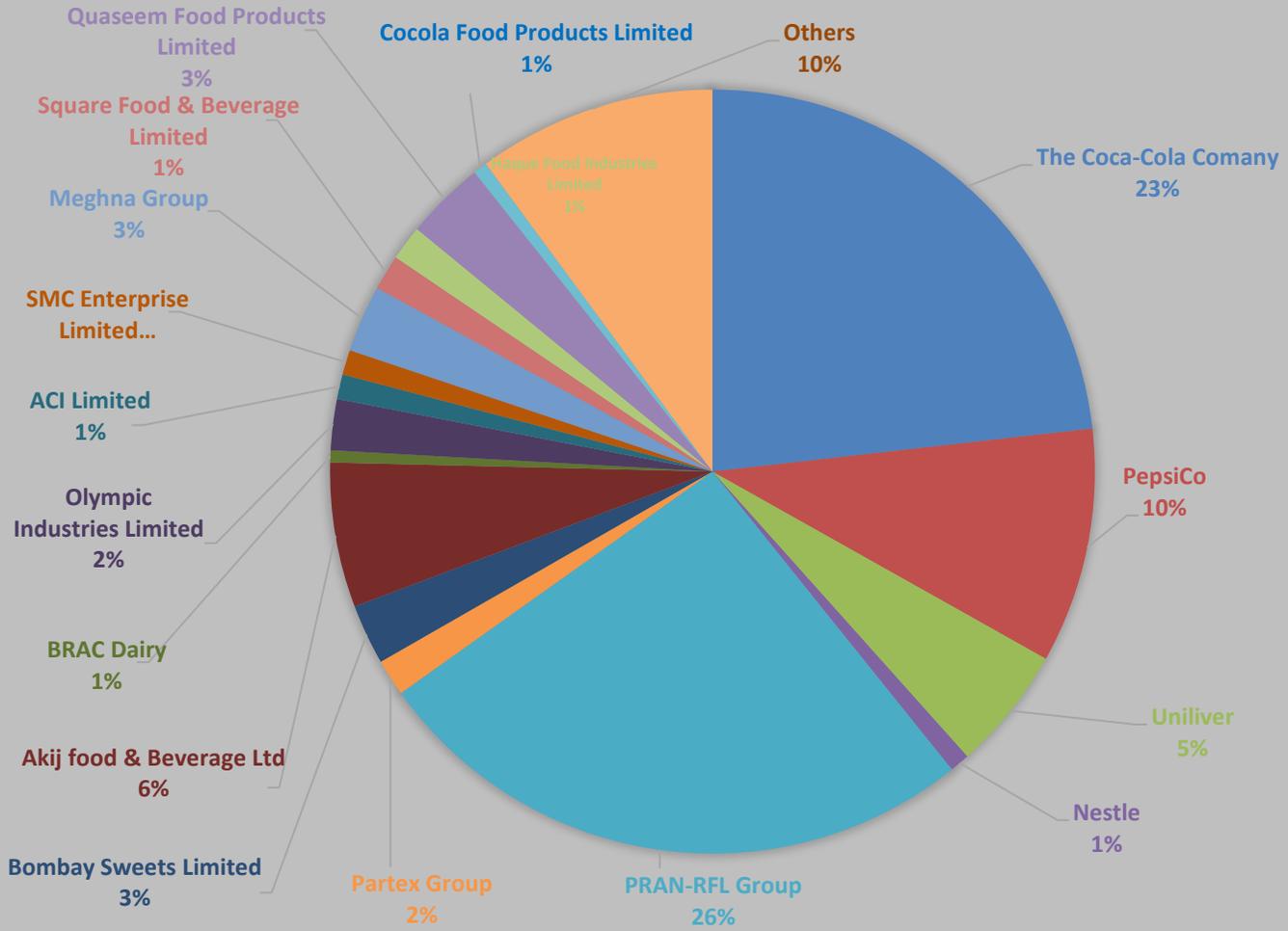
## Number of Audited Single-use Plastic as per Parent Companies (Dhaka)



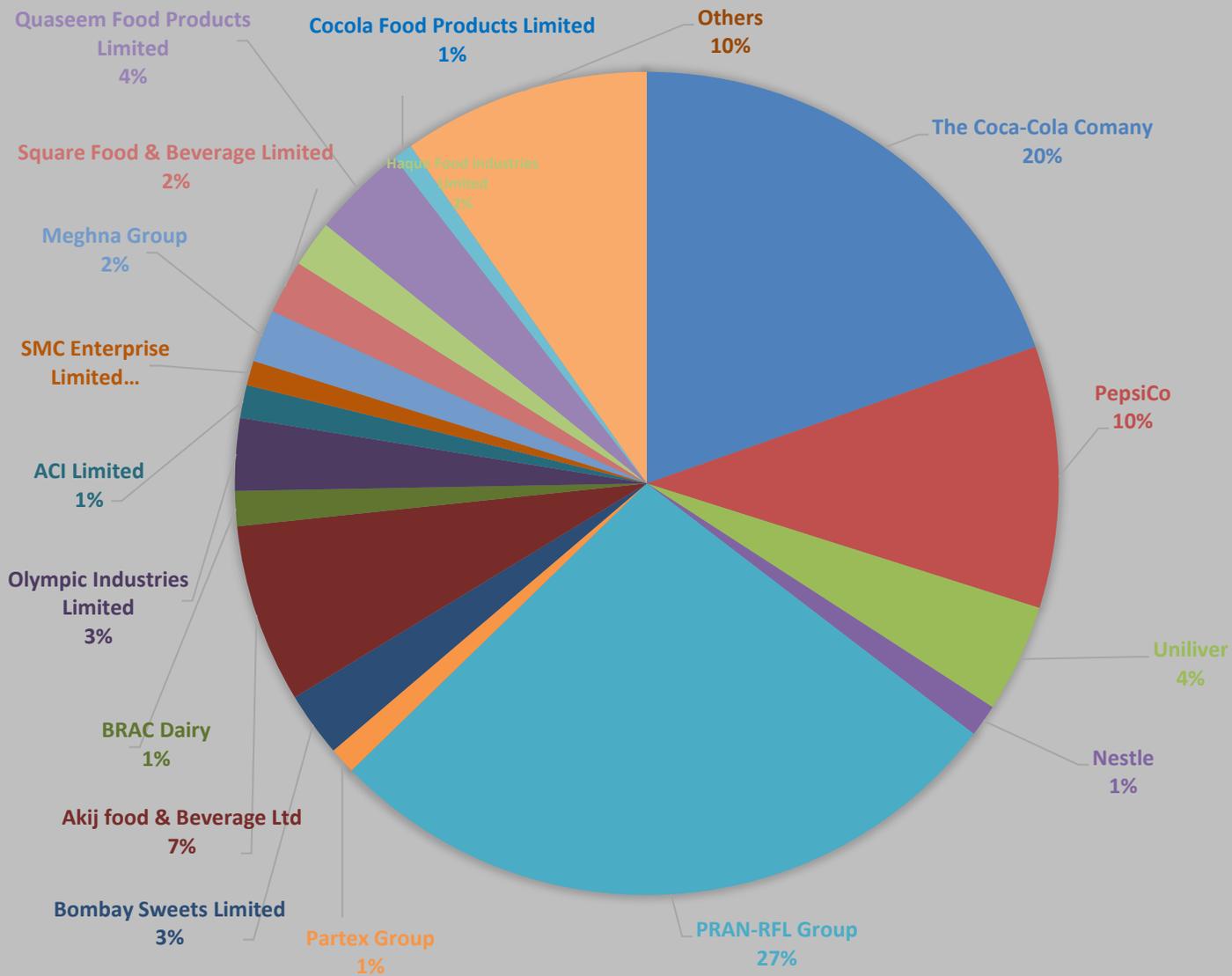
Weight (g) of Single & Multi Layered Audited Single-use Plastic as per Parent Companies (Dhaka)



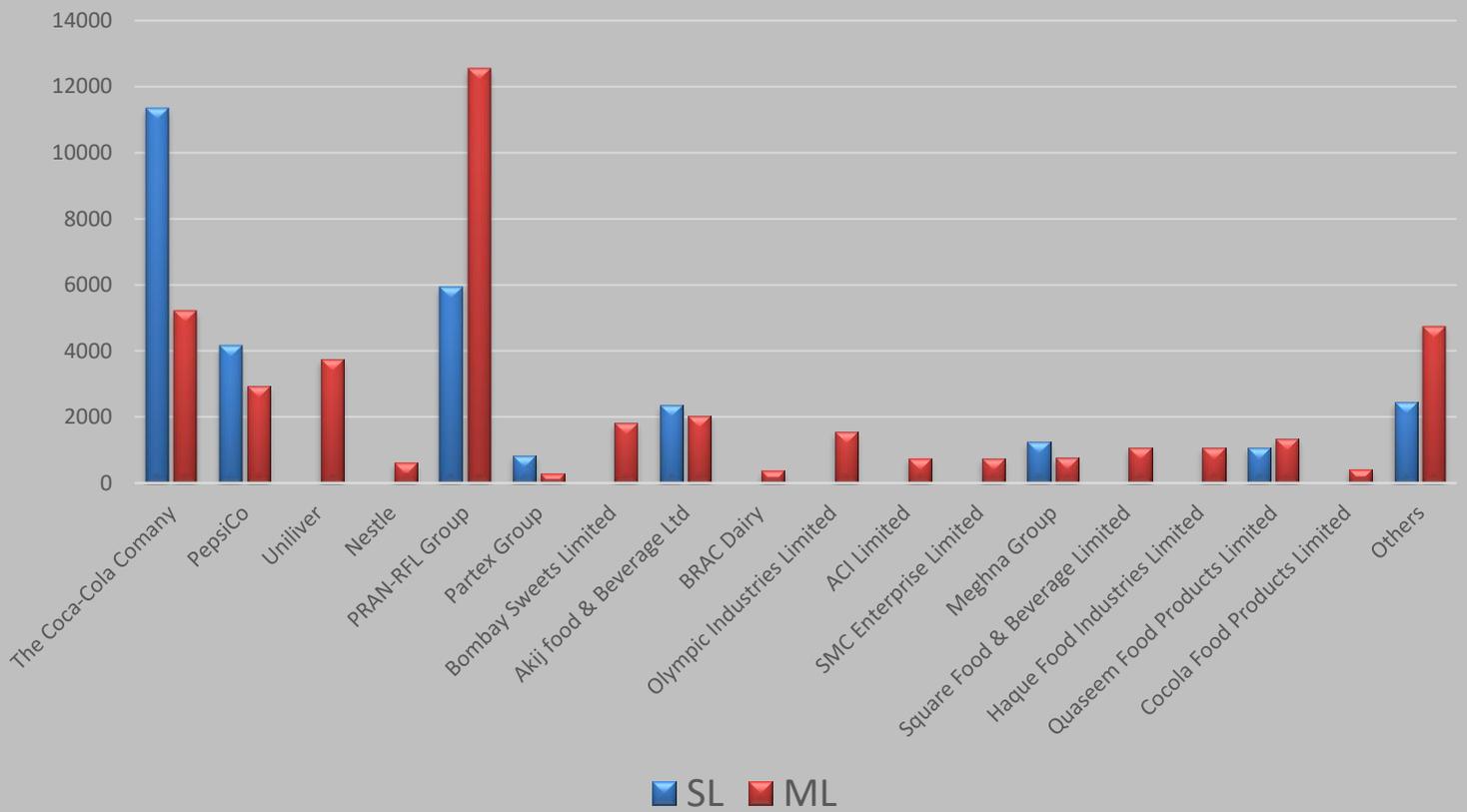
**WEIGHT (%) OF AUDITED SINGLE-USE PLASTIC AS PER PARENT COMPANIES (MYMENSINGH)**



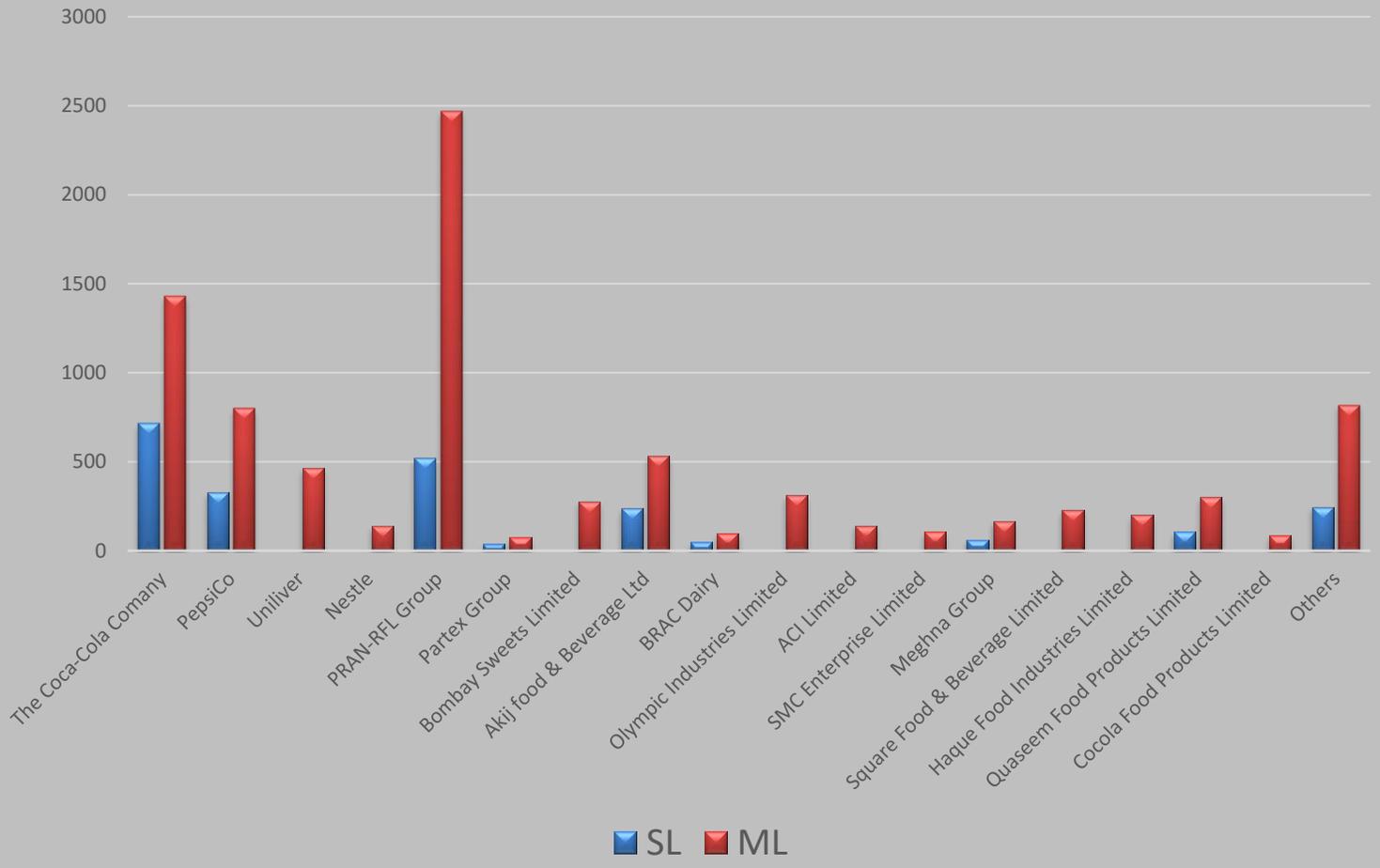
NUMBER (%) OF AUDITED SINGLE-USE PLASTIC AS PER PARENT COMPANIES (MYMENSINGH)



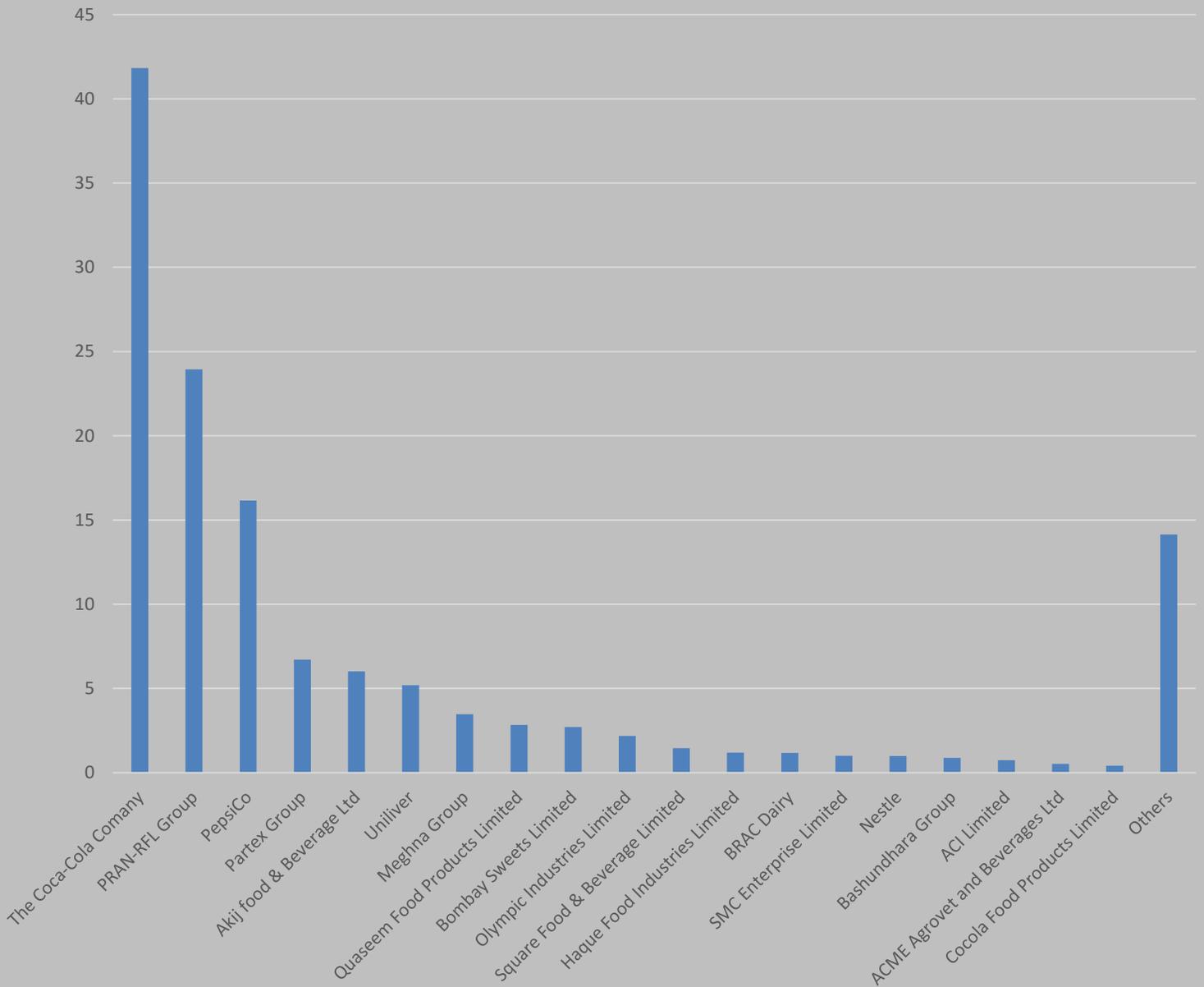
Weight (g) of Single & Multi Layered Audited Single-use Plastic as per Parent Companies (Mymensingh)



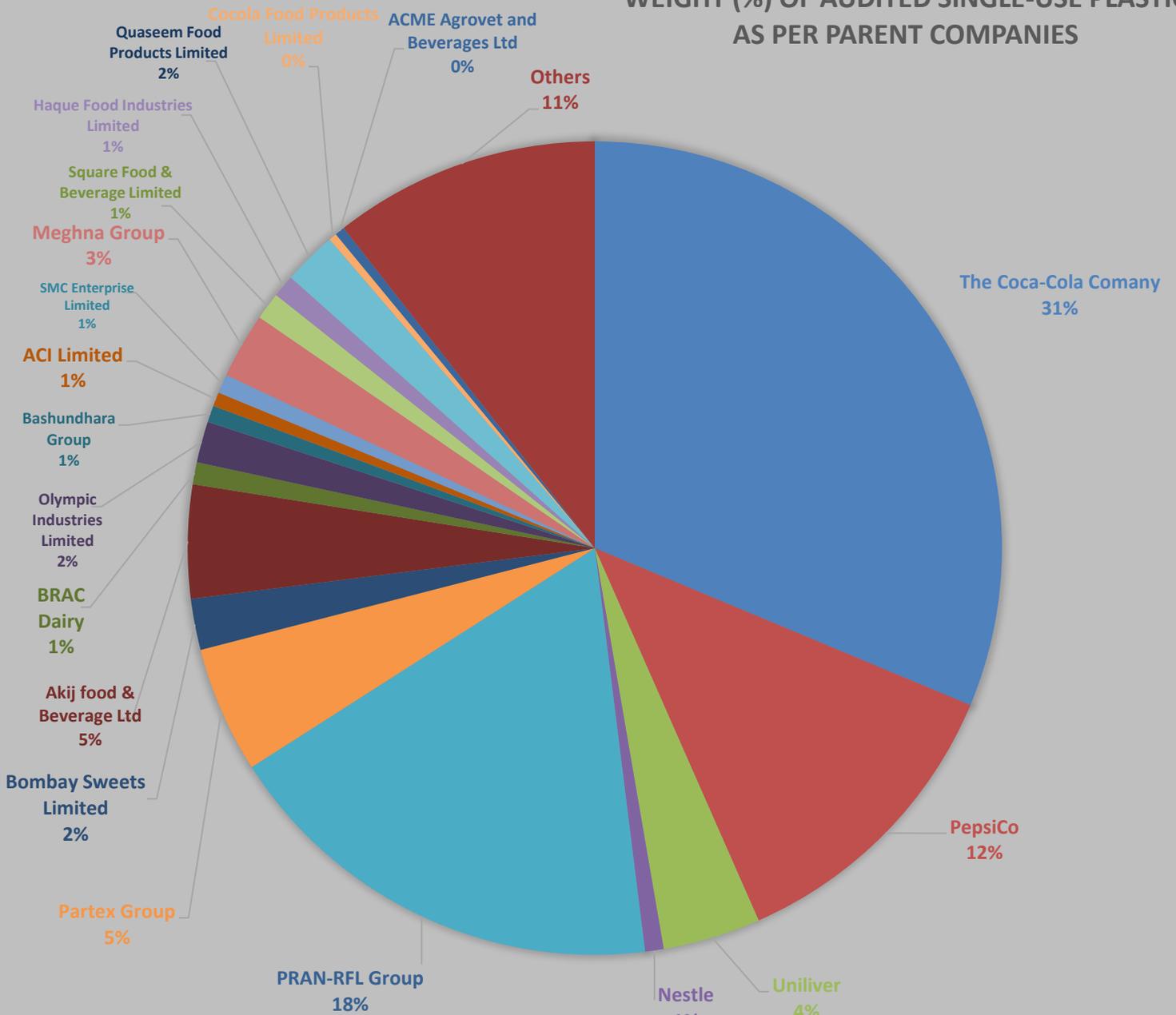
Number of Single & Multi Layered Audited Single-use Plastic as per Parent Companies (Mymensingh)



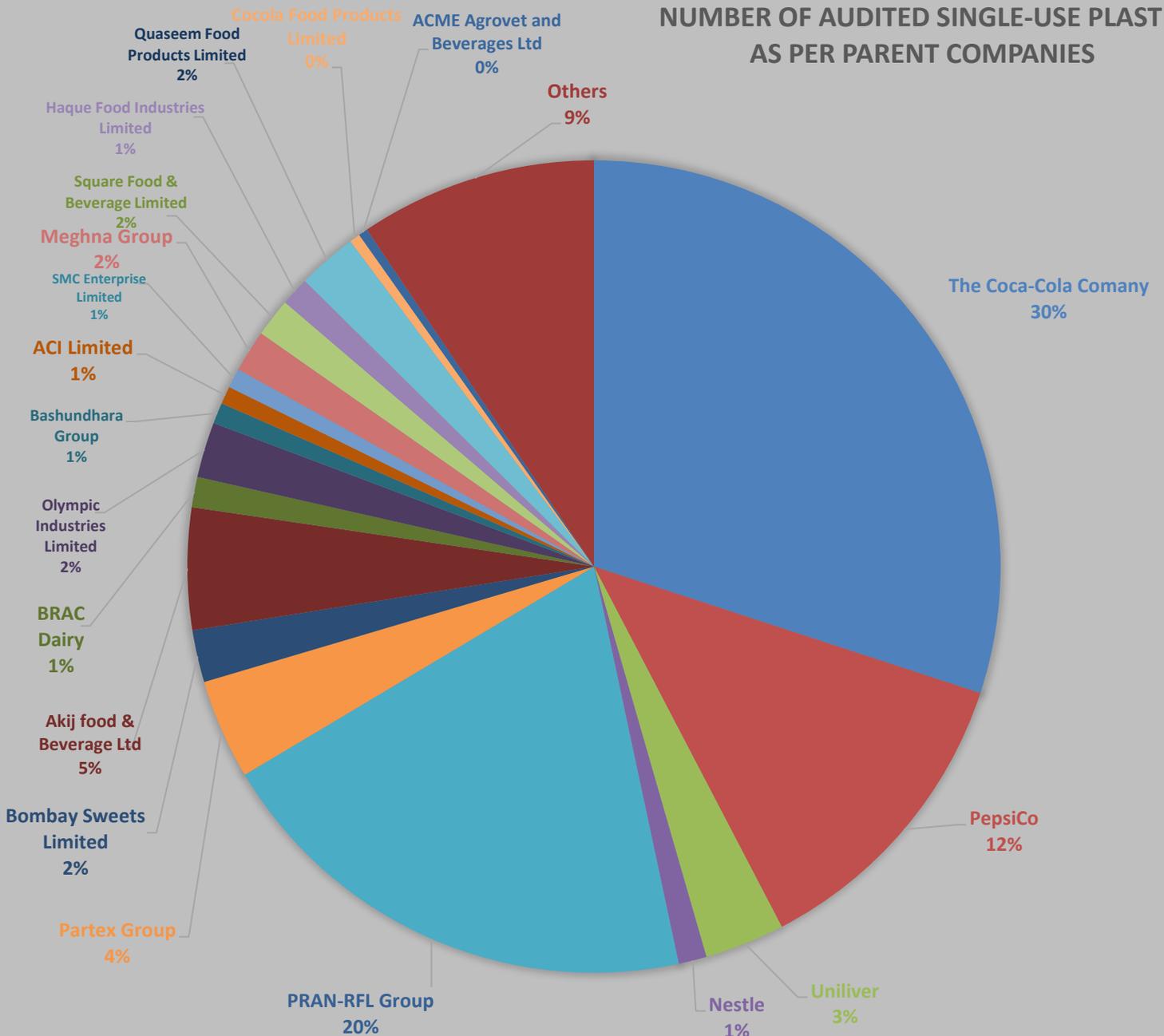
### Weight (in KG) of Audited Single-use Plastic as per Parent Companies



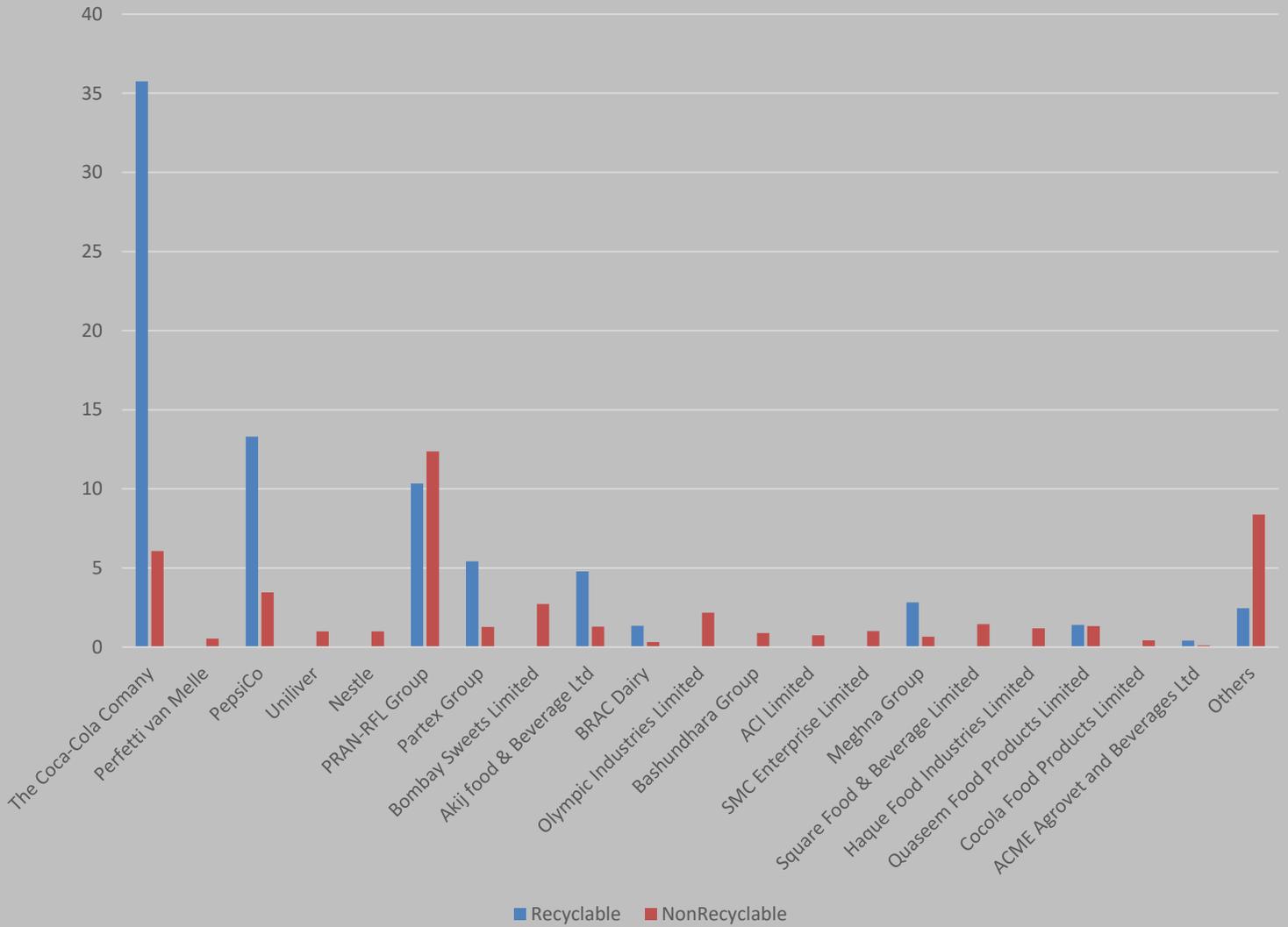
## WEIGHT (%) OF AUDITED SINGLE-USE PLASTIC AS PER PARENT COMPANIES



## NUMBER OF AUDITED SINGLE-USE PLASTIC AS PER PARENT COMPANIES



### Weight (In Kg) Of Recyclable & Non-recyclable Waste As Per Parent Company



The event activities were hampered due to continuous bad weather condition in the event location. During the event day, the movement of the participants was halted to some extent by heavy precipitation condition. However, owing to the overwhelming enthusiasm of the event volunteers, bad weather condition failed to create significant impedance towards successful completion of the event.



- Identified plastic polluter corporations should adopt sustainable, biodegradable and environment friendly alternatives to plastics for the greater sake of health and environment.
- Govt. should pass regulation on controlling manufacture, use and import of all forms of single use plastics in urgent basis.
- Organic and environment friendly alternatives to single use plastic and products such as – paper packaging, leaf made products, bamboo sticks etc should be promoted.
- Cost effective business models to run the businesses of alternative goods should be developed and widely promoted.
- The manufacturers should focus on reducing plastic production rather than recycling.
- The manufacturers should invest in reuse and refill system.
- The present system of buying and selling products need switching to delivery and return system.
- Extended Producer Responsibility should be incorporated.
- Capacity building of local manufacturers in producing sustainable and environment friendly alternatives through education and training.



Single use plastic creates significant adverse environmental and health impacts throughout its entire lifecycle. From the Brand Audit result, it has been evident that, some popular corporations are mostly responsible for generating the largest amounts of single use plastics from our daily use. These corporations need to be aware of the fact and should urgently take immediate actions to minimize their contribution. It is no longer acceptable for companies to continue making a profit by pumping out toxic single-use plastic and expecting communities and local governments to shoulder the burden. Until consumer goods companies like Coca-Cola, Nestlé and PepsiCo embrace the real solution—reusable packaging—we will continue to find their plastic polluting oceans, waterways and communities around the world for generations to come. Companies must take immediate and ambitious action to eliminate single-use plastic packaging through investment in reuse and refill models.





Figure 10: Volunteers Registering Their Name Before Starting the Audit



Figure 11: Dhaka Audit Location-Robindro Shorobor



Figure 12: Sharing Our Activities on social media



Figure 13: Volunteers with our T-shirts



Figure 14: Distributed PPE among volunteers



Figure 15: Waste Collection & Data Entry



Figure 15: Nestle & Pran-RFL Group's Waste



Figure 16: Cadbury Dairy Milk Wrapper



Figure 17: Lays (PepsiCo) Plastic Waste



Figure 18: Coca-Cola Plastic Waste



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