Annual Report on Park Maintenance Fiscal Year 2016



City of New York Parks & Recreation Sill de Blasio, Mayor Mitchell J. Silver, FAICP, Commissioner

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Introduction

NYC Parks is the steward of 30,000 acres of land, or 14% of the City. We are responsible for the construction, maintenance and programming of public parks under our jurisdiction. In order to fulfill our mandate, among our employees are landscape architects, architects and engineers who design parks and recreational amenities; forestry staff who plant and care for trees both in parks and on sidewalks; gardeners who grow and plant flowers and shrubs; plumbers, electricians, and other tradespeople who repair park infrastructure; recreation professionals who organize programming to help New Yorkers keep fit and have fun; park rangers who educate us about the natural world and enforce park rules; outreach staff who engage volunteers and non-profit partners in supporting their parks; and park workers and supervisors who are responsible for day-to-day park cleaning and maintenance.

This report focuses on the work of the last group of staff, a distinct subset of our maintenance operation. These park workers open parks each morning, clean and restock comfort stations, remove litter, graffiti, and natural debris, and ultimately ensure that park goers enjoy safe and clean parks.

The release of this data accompanies a larger effort to allow the public a better understanding of how their parks are run, and to engage with them on improving how NYC Parks operates. Indeed, increased transparency has already yielded significant benefits for both New Yorkers and their parks. In 2014, Parks launched an online tracker for park capital improvement projects, allowing anyone to chart project progress from initial design through construction completion. And in 2015, Parks released the data from our decennial tree census, and collaborated with volunteers from New York's technology and tree stewardship communities on how we could use this data to better manage the urban forest, in what was Parks' first open data hackathon – the TreesCount! Data Jam. We hope this report can further public understanding of some of the maintenance efforts that parks receive.

How Parks are Maintained

An individual park will receive a variety of maintenance services from different groups of Parks staff. Parks are grouped together within park districts, which generally align with community boards. One or more park districts are combined into sectors that share resources for daily park maintenance. Some of the largest parks, such as Van Cortlandt Park and Flushing Meadows Corona Park, constitute sectors by themselves.

Sector staff perform daily park maintenance, as well as garbage collection, snow plowing, and basic repairs and upkeep. These staff are tasked with cleaning a park for as long and as often as it takes to make it clean and safe for the public. We have codified standards of cleanliness and safety, as well as expectations of cleaning frequency. To ensure these standards are met, every park receives at least two random audit inspections per year by highly-trained inspectors as part of the Parks Inspection Program (PIP), as well as more frequent inspections by the sector's supervisors. We measure our daily park maintenance by looking at outcomes. Our priority is to ensure that a park is clean and safe, whether it took one hour or four to achieve that outcome.

For regular service, a park may be considered "mobile" or "fixed post." Mobile crew staff visit multiple parks throughout a sector. Fixed post staff are assigned to a single park or group of nearby parks (sometimes known as "split post"), which are generally high-use, high-priority

locations such as playgrounds, or out-of-the-way sites that are not feasible to service by mobile crew. In order to host fixed post staff, a park must have a facility with storage space, a bathroom, and heat – generally a comfort station. A fixed post-eligible site may be cleaned by a mobile crew instead depending on seasonal needs, daily staffing levels, and other priorities as determined by sector supervision.

As parks are cleaned to a standard – and not for a set length of time – the amount of hours spent cleaning an individual park can vary greatly depending on how it was used the previous day. Some of our parks are consistently more heavily utilized than others, or are utilized in a manner that requires additional maintenance resources. For example, a park where weekend barbecues are popular will require a different approach for maintenance than a field used for active recreation, or one used for quiet reflection and appreciation of nature. In other words, not all park acres need the same level of service. Usage can also vary considerably by season.

In addition to sector level services, some maintenance work is performed by more specialized staff who maintain parks throughout a borough. These services are generally more practical or cost effective to provide at a borough level rather than in each sector. Examples of borough-level services include staff whose work involves heavy or specialized equipment, like full-size tractors or roll-off container truckers, or staff whose work requires significant, specialized training, like borough forestry and horticulture operations.

About the Data Used in this Report & Data Caveats

Prior to early September 2015, basic litter and cleaning work was recorded in the Asset Management Parks System (AMPS), which is also used to manage the work of tradespeople and track supplies. To improve the quality and usefulness of the litter and cleaning data, a new "Daily Tasks" application was developed specifically for tracking mobile crew and fixed post work, and we have worked to incorporate that new application into maintenance operations over the past year.

The two systems have different entry processes and requirements, resulting in some inconsistencies in the first quarter of Fiscal Year 2016, as the data had to be combined from both systems, and throughout the rest of the year as staff adapted to the new system. For example, the AMPS system required entering hours worked in fifteen-minute increments, whereas the Daily Tasks system requires distinct start and end times to the nearest minute. In addition, AMPS work was entered entirely after the fact by clerical or supervisory staff based on paper sheets filled out by mobile crew and fixed post staff.

The new Daily Tasks application is optimized for mobile devices, and mobile crew operators are generally expected to enter their crews' data in real time from the field, which reduces data entry burden in the long term but initially required extensive training and habit change. Some mobile crew work is still entered by clerical or supervisory staff along with all fixed post work. Throughout the transition, there have been delays in acquiring mobile devices for entry and in training staff, resulting in some data entry gaps, but the data quality is improving as we update the application and improve our business processes.

Only Daily Tasks work is recorded and reported by park. All other maintenance work in this report is represented by payroll distributions to staff in relevant titles and is reported at the sector or borough level. Depending on needs and resource availability, the same services may be provisioned by different groups at different properties. For example, the sector might take

responsibility for grass trimming at most of its parks, while a borough crew trims grass on long medians. Therefore direct comparison between even similarly sized sectors may be misleading due to differences in park amenities and service provision arrangements.

Apparent anomalies in the data for individual parks may be attributed to one of several variables and where possible we have tried to provide additional context in the footnotes of the report to avoid misinterpretation. In some cases, there are data discrepancies tied to our transition to a new application as described above. In others, a particularly low number of hours reported may be due to a portion of a given park being closed for renovation or a significant percentage of the park consisting of natural areas. Whereas a particularly high number of hours reported may be due to a special initiative being piloted in the park to support citywide operations improvements.

This report presents a summary of spending on general maintenance. It does not include the many other expenditures and efforts that support our mission, from trades work on important park repairs to public programming, ecosystem restoration, volunteer management and community engagement.

Included in this Report

This report includes data for the 100 largest parks under NYC Parks' jurisdiction based on *Functional Acreage*, which is the number of acres in a park that is generally useable by the public and maintained by NYC Parks, as defined by the inspection zone boundaries for the Parks Inspection Program.

- Tracked at the park level in Daily Tasks databases:
 - Litter removal
 - Snow and ice removal
 - Leaf removal
 - Cleaning and stocking of comfort stations
 - Graffiti removal.
- Performed at the sector or borough level, accounted for with payroll data:
 - Locking and unlocking parks and park bathrooms
 - Mechanized beach cleaning
 - Basic structural maintenance
 - Snow plowing
 - Packer operations
 - Grass trimming
 - Weeding
 - Extermination
 - Horticultural maintenance
 - Tree maintenance
 - Power washing
 - Athletic field preparation
 - Sector level supervision and clerical staff
 - Borough operations staff, including Chief and Deputy Chief(s) of Operations.

Not included in this report

- Electricians, plumbers, carpenters and all other trades staff (to be included in the 2017 report)
- Pool, marina, and recreation center operations
- Beach and pool lifeguards
- Fleet operations, including auto mechanics
- Volunteers, including both those working with independent organizations and with our stewardship staff (such as Partnerships for Parks)
- Park conservancy staff or volunteers (reported under Administrative Code Section 18-134)
- Invasive species removal and other services performed by the Parks Natural Resources Group (NRG) Staff/Volunteers

Report Column Definitions and Calculations

Table 1 – Park Cleaning Crews

- **Property Number** The unique identification number assigned to each park.
- **Borough Code** Describes the (abbreviated) borough in which the property is located. All properties fall within a single borough.
- Sign Name The official name of each park.
- **Category** The category assigned to the park for inspection purposes.
- Site Amenities The broad amenities present within each park. The amenities included in this report are athletic facilities, beaches, comfort stations, natural areas, and playgrounds.
- Sector Name The name of a sector. For individual parks, this is the sector that the park belongs to. One or more park district(s) are combined into sectors that share resources for daily park maintenance.
- Sector Description The description of the districts that make up a sector. For individual parks, this is a description of the district(s) that make up the sector that the park is part of. One or more park districts are combined into sectors that share resources for daily park maintenance.
- Functional Acreage The number of acres generally useable by the public and maintained by NYC Parks. This figure is determined by the boundaries inspected under the Parks Inspection Program (PIP). As it excludes undeveloped lots, land underwater, or parkland used for other purposes (for example, the Brooklyn Botanic Garden), this figure is generally smaller than the total acreage. In some cases, it will be larger than the "total" acreage as it also includes perimeter sidewalks.

- **Total Acreage** The number of acres officially mapped as parkland. This can include undeveloped lots or land underwater.
- Average Weekly Hours Calculated from Daily Tasks, the weekly average sum of hours spent servicing a park. This value is calculated separately for each quarter.
- Average Weekly Cost Calculated from Daily Tasks, the average sum of hours spent servicing a park multiplied by the base hourly pay for each job title recorded as providing service. This value is calculated separately for each quarter.
- Average Number of Days Serviced per Week The average number of days per week that a park was cleaned. This value is calculated separately for each quarter.
- Fixed Post Site Sites that are fixed post one day can, depending on available staffing and other operational needs, be cleaned by a mobile crew on another. Since fixed post status for any given park is fluid, a quantitative definition is used in order to determine whether fixed post staff were consistently assigned to a park. This binary yes or no value is calculated separately for each quarter. See Appendix A for details.

Table 2 – Sector-Level Services

• Average Weekly Cost – The average cost per week for staff in each park sector, including overtime and salary differentials, minus the cost of staff already accounted for in the park-by-park ("Average Cost of Service per Week") figures. See Appendix C for more details. This value is calculated separately for each quarter.

Table 3 – Borough-Level Services

• Average Weekly Cost – The average cost per week of services provided at the borough level, derived from the pay, including overtime and salary differentials, of these borough-level staff. Park- and sector-level costs are excluded here as to not double count. This value is calculated separately for each quarter.



100 Largest Parks by Functional Acreage



100 Largest Parks

Other NYC Parks Not Included in Report

Park Sector

NYC Parks' Annual Report on Park Maintenance for Fiscal Year 2016 includes maintenance spending data for the top 100 largest parks under NYC Parks' jurisdiction, which are shown on this map.

For the purposes of this report, the 100 largest parks were selected based on *Functional Acreage*, which is the number of acres in a park that is generally useable by the public and maintained by NYC Parks, as defined by the boundaries inspected under the Parks Inspection Program. Individual parks are grouped together within park districts for management purposes, and further combined into sectors that share resources for daily park maintenance.

These 100 largest parks represent only a small fraction of NYC Parks properties. 100 Largest Parks 0 2.5 5

Produced by Innovation & Performance Management November 2016 Data Source: NYC Parks Copyright 2016 NYC Parks

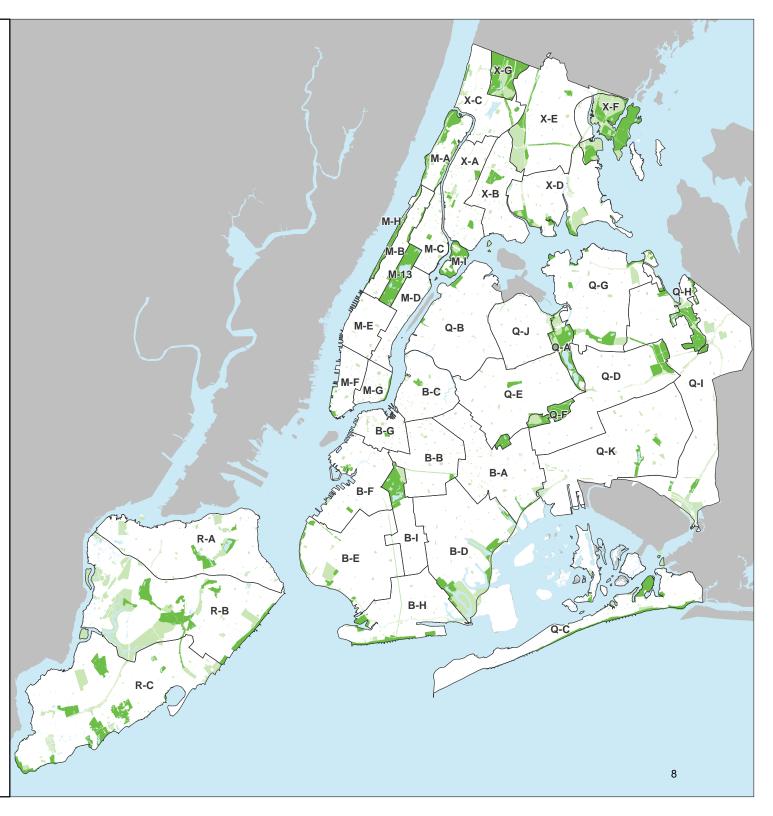


Table 1: NYC Parks Maintenance, Fiscal Year 2016 – Park Cleaning Crews

			Propert		ation				,		ige We					eekly Co			-	ays Vi Week	sited	Fi	xed Po	ost Sit	e [†]
Property Number		Borough Code	Sign Name	Category	Site Amenities	Sector Name	Sector Description	Functional Acreage	Total Acreage	FY16 Q1 (Jul - Sep 2015) [*]	FY16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015) [*]	FY16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	FY16 Q2 (Oct - Dec 2015)	: <u></u> Υ16 - Ма	<u>716</u> - Ju	FY16 Q1 (Jul - Sep 2015)	FY16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	
X039 ^{1, 2}		x	Pelham Bay Park	Large Park	Athletic Facilities, Beaches, Comfort Stations, Natural Area, Playgrounds	Bronx Sector F	Districts 15, 15A	1,108	2,772	1,405	855	456	794	\$ 17,860	\$ 12,191	\$ 7,354	\$ 11,615	6.4	6.9	7.0	6.6	Yes	Yes	No	Yes
R065 ^{1, 3, 4}	1	R	Richmond Parkway	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Staten Island Sector B	Districts 2, 2B	896	874	37	65	51	49	\$ 505	\$ 955	\$ 763	\$ 728	6.4	7.0	6.8	6.6	No	No	No	No
X092 ¹		х	Van Cortlandt Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Bronx Sector G	Districts 13	802	1,146	318	412	289	315	\$ 4,721	\$ 6,132	\$ 4,574	\$ 4,695	5.3	7.0	6.9	6.5	Yes	No	No	Yes
M010 ^{1, 5, 1}	6	М	Central Park	Large Park	Athletic Facilities,	Manhattan District 13	District 13	727	840	2,011	-	-	-	\$ 9,529	-	-	-	4.7	-	-	-	Yes	-	-	-
Q099 ¹		Q	Flushing Meadows Corona Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Queens Sector A	Districts 15	572	898	614	339	322	354	\$ 7,802	\$ 4,306	\$ 4,643	\$ 5,152	6.2	7.0	7.0	6.6	Yes	No	No	No
Q001 ¹		Ø	Alley Pond Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Queens Sector H	Districts 7A	520	636	304	180	131	186	\$ 3,999	\$ 2,623	\$ 1,996	\$ 2,614	5.0	6.2	6.1	5.0	Yes	Yes	Yes	Yes
B073 ^{1, 7}		В	Prospect Park	Large Park	Athletic Facilities,	Brooklyn Sector I	Districts 14, 19	472	526	976	821	1,502	1,771	\$ 9,936	\$ 11,297	\$ 19,316	\$ 17,596	6.2	6.9	7.0	6.6	Yes	Yes	Yes	Yes
Q162 ^{1, 2, 3}	8	Q	Rockaway Beach and Boardwalk	Large Park	Athletic Facilities, Beaches, Comfort Stations, Natural Area, Playgrounds	Queens Sector C	Districts 14	412	1,099	940	111	202	742	\$ 12,147	\$ 1,380	\$ 3,392	\$ 9,628	4.4	5.0	6.5	5.4	Yes	Yes	Yes	Yes
Q015 ¹		Q	Forest Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Queens Sector F	Districts 5A, 16	405	507	898	836	367	670	\$ 12,141	\$ 11,098	\$ 5,271	\$ 9,651	5.5	6.8	7.0	6.8	Yes	Yes	Yes	Yes
Q021 ^{1, 9}		Q	Cunningham Park	Large Park	Athletic Facilities,	Queens Sector D	Districts 8, 9	389	358	155	117	121	167	\$ 1,939	\$ 1,469	\$ 1,581	\$ 2,436	6.2	6.6	6.8	6.6	Yes	Yes	Yes	Yes

		Property	Inform	ation					Avera	age We	ekly H	lours	Av	verage W	/eekly Co	ost	Aver	-	ays Vi: Neek	sited	Fi	xed Po	ost Sit	e [†]
Property Number	Borough Code	Sign Name	Category	Site Amenities	Sector Name	Sector Description	Functional Acreage	Total Acreage	FY16 Q1 (Jul - Sep 2015)*	Fγ16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	<u>γ16</u> - Ju	FY16 Q1 (Jul - Sep 2015)*	FY16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	FY16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	FY16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)
R031 ^{1, 2}	R	Wolfe's Pond Park	Large Park	Athletic Facilities, Beaches, Comfort Stations, Natural Area, Playgrounds	Staten Island Sector C	Districts 3	261	303	94	88	61	87	\$ 1,259	\$ 1,428	\$ 1,243	\$ 1,330	6.2	7.0	6.8	6.0	Yes	Yes	Yes	Yes
Q371	Q	Rockaway Community Park	Large Park	Athletic Facilities, Comfort Station, Playground	Queens Sector C	Districts 14	255	255	25	7	13	16	\$ 330	\$ 103	\$ 214	\$ 235	3.2	3.7	4.2	3.0	No	No	No	No
R119 ¹	R	Blue Heron Park	Large Park	Playgrounds	Staten Island Sector C	Districts 3	242	217	6	8	8	10	\$ 97	\$ 144	\$ 138	\$ 158	5.5	6.5	6.3	5.9	No	No	No	No
M071 ^{1, 10, 11}	М	Riverside Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Manhattan Sector H	Districts 14	242	302	1,426	822	575	750	\$ 16,653	\$ 9,373	\$ 6,678	\$ 8,214	6.3	6.5	5.8	6.4	Yes	Yes	Yes	Yes
R046 ²	R	Franklin D. Roosevelt Boardwalk and Beach	Large Park	Athletic Facilities, Beaches, Comfort Stations, Playgrounds	Staten Island Sector B	Districts 2, 2B	204	644	433	961	377	460	\$ 6,091	\$ 12,657	\$ 4,818	\$ 5,652	6.2	6.9	6.8	5.6	No	Yes	Yes	Yes
M104 ¹²	М	Randall's Island Park	Large Park	Athletic Facilities, Comfort Stations	Manhattan Sector I	Districts 11R	204	256	-	-	209	222	-	-	\$ 1,581	\$ 1,284	-	-	5.1	4.1	-	-	Yes	Yes
R005 ¹	R	Clove Lakes Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Staten Island Sector A	Districts 1	197	193	75	81	114	65	\$ 957	\$ 1,141	\$ 1,524	\$ 931	5.7	6.5	6.9	6.4	No	No	No	No
R120 ¹	R	Arden Woods	Large Park	Natural Area	Staten Island Sector C	Districts 3	191	146	2	2	5	5	\$ 23	\$ 49	\$ 86	\$ 84	1.0	1.8	2.2	1.4	No	No	No	No
X002 ^{1, 13, 14}	x	Bronx Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Bronx Sector B	Districts 2, 3, 6	191	718	399	257	195	264	\$ 5,110	\$ 3,608	\$ 2,878	\$ 3,910	6.4	7.0	6.5	6.5	Yes	Yes	No	No
B057 ¹	в	Marine Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Brooklyn Sector D	Districts 17, 18	187	798	160	109	83	113	\$ 2,113	\$ 1,546	\$ 1,288	\$ 1,587	6.4	5.8	6.2	6.4	No	No	No	No
M042 ¹	м	Inwood Hill Park	Large Park	Natural Area, Playgrounds	Sector A	12, 12A	178	196	399	197	66	219	\$ 5,093	\$ 2,355	\$ 883	\$ 3,245	6.1	6.8	6.6	6.3	Yes	Yes	Yes	Yes
B169 ^{2, 15}	В	Coney Island Beach & Boardwalk	Large Park	Beaches, Comfort Stations	Brooklyn Sector H	Districts 13, 15	158	399	77	68	55	225	\$ 1,053	\$ 953	\$ 900	\$ 3,674	4.3	5.5	5.5	5.4	No	No	No	No

		Property	Inform	ation					Avera	age We	ekly I	Hours	Av	verage W	eekly Co	ost	Aver	-	ays Vi Neek	sited	Fi	xed Po	ost Site	e [†]
Property Number	Borough Code	Sign Name	Category	Site Amenities	Sector Name	Sector Description	Functional Acreage	Total Acreage	FY16 Q1 (Jul - Sep 2015)*	Fγ16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	<u>γ16 C</u> - Jun	FY16 Q1 (Jul - Sep 2015)*	FΥ16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	FY16 Q2 (Oct - Dec 2015)	0 -	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	σu	FY16 Q3 (Jan - Mar 2016)	Y16 (- Jun
R106 ¹	R	Bloomingdale Park	Large Park	Athletic Facilities, Comfort Station, Natural Area, Playgrounds	Staten Island Sector C	Districts 3	146	138	85	61	57	59	\$ 1,587	\$ 1,070	\$ 1,025	\$ 1,043	6.1	6.9	6.8	6.1	Yes	Yes	Yes	Yes
Q024 ¹	Q	Kissena Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Queens Sector G	Districts 7	145	237	106	113	76	146	\$ 1,722	\$ 1,668	\$ 1,198	\$ 2,371	5.8	6.6	6.5	6.6	Yes	Yes	Yes	Yes
Q020 ¹	Q	Highland Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area	Queens Sector F	Districts 5A, 16	140	101	411	262	241	309	\$ 5,283	\$ 3,814	\$ 3,677	\$ 4,614	5.8	5.8	6.9	6.5	Yes	Yes	No	No
R006 ¹	R	Conference House Park	Large Park	Comfort Station, Natural Area	Staten Island Sector C	Districts 3	133	286	14	53	47	47	\$ 237	\$ 990	\$ 1,052	\$ 1,032	5.9	6.6	6.6	5.9	No	Yes	Yes	Yes
X010 ¹⁶	x	Crotona Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Bronx Sector B	Districts 2, 3, 6	133	128	129	54	38	308	\$ 1,680	\$ 733	\$ 566	\$ 5,420	5.7	4.1	3.9	4.9	No	No	No	Yes
X118 ^{1, 14}	x	Soundview Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area	Bronx Sector D	Districts 9, 10	113	205	184	96	83	118	\$ 2,305	\$ 1,337	\$ 1,120	\$ 1,604	6.2	6.6	6.7	6.2	No	No	No	No
B018 ¹	в	Canarsie Park	Large Park	Athletic Facilities, Comfort Station, Natural Area, Playgrounds	Brooklyn Sector D	Districts 17, 18	112	132	111	62	42	61	\$ 1,468	\$ 856	\$ 642	\$ 876	5.7	5.6	6.1	4.9	No	No	No	No
R022	R	Silver Lake Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Staten Island Sector A	Districts 1	110	206	65	83	142	105	\$ 788	\$ 1,093	\$ 1,851	\$ 1,333	5.3	6.4	7.0	6.5	No	No	Yes	Yes
M107 ^{12, 17, 18}	М	Wards Island Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Manhattan Sector I	Districts 11R	106	177	-	-	56	54	-	-	\$ 508	\$ 687	-	-	2.6	2.4	-	-	Yes	Yes
R079 ¹	R	Lemon Creek Park	Large Park	Natural Area, Playground	Staten Island Sector C	Districts 3	105	105	14	9	9	10	\$ 225	\$ 149	\$ 160	\$ 149	6.1	6.5	6.8	6.1	No	No	No	No
M028 ¹	М	Fort Washington Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Manhattan Sector A	Districts 12, 12A	95	184	181	83	68	96	\$ 2,482	\$ 1,334	\$ 1,078	\$ 1,433	6.4	6.7	6.5	6.4	Yes	Yes	Yes	Yes
Q005 ¹⁴	Q	Baisley Pond Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Queens Sector K	Districts 10, 12	90	110	77	135	63	115	\$ 1,081	\$ 1,899	\$ 923	\$ 1,880	5.1	6.8	5.4	4.5	No	Yes	No	Yes
X126	x	Ferry Point Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Bronx Sector D	Districts 9, 10	78	414	137	81	44	64	\$ 1,949	\$ 1,114	\$ 636	\$ 859	6.0	6.4	6.1	4.9	No	No	No	No

		Property	Inform	ation					Avera	ige We	ekly F	lours	A۱	verage W	/eekly Co	ost	Aver	-	ays Vi Week	sited	Fi	xed Po	ost Sit	e [†]
Property Number	Borough Code	Sign Name	Category	Site Amenities	Sector Name	Sector Description	Functional Acreage	Total Acreage	FY16 Q1 (Jul - Sep 2015)*	FΥ16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)*	FΥ16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	FY16 Q2 (Oct - Dec 2015)	<u> </u>	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	σu	FY16 Q3 (Jan - Mar 2016)	≻ ·
B125 ¹	В	Calvert Vaux Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Brooklyn Sector H	Districts 13, 15	77	86	23	55	62	158	\$ 325	\$ 830	\$ 1,059	\$ 2,176	2.1	5.0	5.3	5.9	No	Yes	Yes	Yes
B384 ¹	В	Fresh Creek Nature Preserve	Large Park	Natural Area	Brooklyn Sector D	Districts 17, 18	77	77	16	14	11	15	\$ 216	\$ 189	\$ 172	\$ 207	3.2	3.2	2.5	2.5	No	No	No	No
B166D ¹⁹	В	McGuire Fields	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Brooklyn Sector D	Districts 17, 18	77	77	10	4	6	6	\$ 125	\$ 54	\$ 93	\$ 95	3.6	1.6	2.2	3.6	No	No	No	No
Q300 ^{1, 20}	Q	Kissena Corridor Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Queens Sector G	Districts 7	75	101	147	98	41	49	\$ 1,927	\$ 1,316	\$ 645	\$ 702	5.2	5.9	5.6	5.6	Yes	Yes	No	Yes
M037	М	Highbridge Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Manhattan Sector A	Districts 12, 12A	74	130	1,308	310	226	307	\$ 17,111	\$ 4,235	\$ 3,106	\$ 3,967	6.1	6.5	6.3	6.4	Yes	Yes	No	Yes
M029 ¹	М	Fort Tryon Park	Large Park	Athletic Facilities, Comfort Station, Natural Area, Playgrounds	Manhattan Sector A	Districts 12, 12A	67	67	214	135	73	100	\$ 2,469	\$ 1,703	\$ 1,000	\$ 1,322	6.1	6.8	6.3	6.4	Yes	Yes	Yes	Yes
Q008 ¹	Q	Brookville Park	Large Park	Athletic Facilities, Comfort Station, Natural Area, Playgrounds	Queens Sector I	Districts 11, 13	64	90	157	22	23	7	\$ 2,152	\$ 361	\$ 422	\$ 124	4.6	4.8	5.7	4.9	No	No	No	No
B082	В	Shore Park and Parkway	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Brooklyn Sector E	Districts 10, 11, 12	62	58	88	93	89	52	\$ 1,295	\$ 1,427	\$ 1,443	\$ 857	6.1	6.9	6.8	6.0	Yes	Yes	Yes	Yes
X003 ¹⁴	x	Pelham Parkway	Large Park	None	Bronx Sector E	Districts 11, 12, 14	60	109	26	52	38	52	\$ 355	\$ 752	\$ 523	\$ 765	3.9	4.5	5.1	5.6	No	No	No	No
X033 ²¹	х	Mosholu Parkway	Large Park	Athletic Facilities, Playgrounds	Bronx Sector C	Districts 7, 8	56	81	87	60	46	68	\$ 1,191	\$ 855	\$ 628	\$ 973	5.8	5.9	5.7	5.9	No	No	No	No
Q102	Q	Juniper Valley Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Queens Sector E	Districts 5, 6	55	56	580	518	415	428	\$ 6,189	\$ 5,717	\$ 4,117	\$ 6,034	5.4	5.8	5.9	6.2	Yes	Yes	Yes	Yes
Q004	Q	Astoria Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Queens Sector B	Districts 1, 2	52	60	78	390	275	230	\$ 1,011	\$ 4,889	\$ 3,371	\$ 2,962	6.1	6.1	6.6	6.0	No	Yes	Yes	Yes
Q300A ^{1, 20, 22}	Q	Kissena Corridor Park	Large Park	Athletic Facilities, Comfort Stations, Natural Area, Playgrounds	Queens Sector D	Districts 8, 9	52	49	51	54	36	38	\$ 613	\$ 659	\$ 484	\$ 532	6.0	6.2	6.8	6.4	No	Yes	No	No

			Property	Inform	ation					Avera	age We	ekly H	lours	A۱	verage W	eekly Co	ost	Aver	-	ays Vi Week	sited	Fi	xed Po	ost Sit	e [†]
Property Number	Borough Code	7	Sign Name	Category	Site Amenities	Sector Name	Sector Description	Functional Acreage	Total Acreage	FY16 Q1 (Jul - Sep 2015) [*]	Fγ16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)*	Fγ16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	FY16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	FY16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)
B028	В	C	Dyker Beach Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Brooklyn Sector E	Districts 10, 11, 12	48	217	157	116	80	107	\$ 1,918	\$ 1,580	\$ 1,177	\$ 1,438	6.0	7.0	6.6	6.2	Yes	Yes	Yes	Yes
X088 ¹	х	F	Pugsley Creek Park	Large Park	Athletic Facility, Natural Area	Bronx Sector D	Districts 9, 10	48	84	29	23	19	24	\$ 417	\$ 309	\$ 269	\$ 332	6.2	6.7	6.3	6.3	No	No	No	No
M144	М	I J	John V. Lindsay East River Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Manhattan Sector G	Districts 3	46	46	175	147	100	98	\$ 1,892	\$ 1,127	\$ 866	\$ 900	2.9	4.8	5.7	6.0	Yes	No	No	No
Q012	Q	2	Crocheron Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Queens Sector I	Districts 11, 13	44	46	134	104	67	67	\$ 1,892	\$ 1,381	\$ 887	\$ 950	4.2	5.3	4.2	5.4	Yes	Yes	Yes	Yes
B126 ²³	В	F	Red Hook Recreation Area	Large Park	Athletic Facilities, Comfort Station, Playground	Brooklyn Sector F	Districts 6, 7	44	59	2,297	334	132	340	\$ 20,052	\$ 3,955	\$ 1,616	\$ 3,984	6.5	7.0	6.8	6.6	Yes	No	Yes	Yes
Q452 ^{1, 24}	Q		Jdall's Park Preserve	Large Park	Natural Area	Queens Sector H	Districts 7A	43	43	8	5	4	4	\$ 104	\$ 73	\$ 59	\$ 54	1.8	1.9	1.6	1.0	No	No	No	No
B251 ²	В	N	Manhattan Beach Park	Large Park	Athletic Facilities, Beach, Comfort Stations, Playgrounds	Brooklyn Sector H	Districts 13, 15	41	43	1,192	34	31	911	\$ 16,654	\$ 482	\$ 446	\$ 14,814	4.9	4.0	5.1	6.4	Yes	No	No	Yes
Q007	Q	! E	Bayswater Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Queens Sector C	Districts 14	40	40	354	43	53	210	\$ 4,607	\$ 538	\$ 896	\$ 3,355	4.3	5.1	6.1	5.1	Yes	Yes	Yes	Yes
X008	x	C	Claremont Park	Large Park	Athlatia Casilitian	Bronx Sector A	Districts 1, 4, 5	40	39	124	129	58	91	\$ 1,786	\$ 1,859	\$ 822	\$ 1,170	5.3	6.6	5.0	5.6	Yes	No	No	No
B058	В	N	McCarren Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Brooklyn Sector C	Districts 1	40	36	57	112	87	115	\$ 791	\$ 1,584	\$ 1,405	\$ 1,822	3.8	6.5	6.2	5.7	Yes	Yes	Yes	Yes
Q448 ^{25, 26}	Q	2 F	Roy Wilkins Recreation Center	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Queens Sector K	Districts 10, 12	38	57	100	36	22	20	\$ 1,700	\$ 451	\$ 341	\$ 351	5.1	5.8	5.6	2.7	Yes	Yes	No	Yes
X046 ¹	x	S	Seton Falls Park	Large Park	Natural Area, Playground	Bronx Sector E	Districts 11, 12, 14	37	36	70	23	13	28	\$ 856	\$ 298	\$ 189	\$ 380	4.0	3.7	3.6	4.1	No	No	No	No
X045	x	s	St. Mary's Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Bronx Sector A	Districts 1, 4, 5	37	35	160	214	141	294	\$ 2,018	\$ 2,620	\$ 1,926	\$ 2,442	6.0	6.4	5.8	6.1	Yes	No	No	No
R016 ^{1, 2}	R		Great Kills Park	Large Park	Beaches, Comfort Station, Natural Area	Staten Island Sector C	Districts 3	35	315	110	26	20	58	\$ 1,899	\$ 437	\$ 342	\$ 1,096	5.9	6.8	5.9	5.8	Yes	No	No	No

		Pro	perty Inform	nation					Avera	age We	ekly ł	lours	A۱	verage W	/eekly Co	ost	Aver	-	ays Vi Week	sited	Fi	xed Po	ost Sit	e [†]
Property Number	Borough Code	Sign Name	Category	Site Amenities	Sector Name	Sector Description	Functional Acreage	Total Acreage	FY16 Q1 (Jul - Sep 2015)*	Fγ16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	<u> 716 С</u> - Jun	FY16 Q1 (Jul - Sep 2015)*	Fγ16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	FY16 Q2 (Oct - Dec 2015)		FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	FY16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)
M056	М	Morningside Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Manhattan Sector B	Districts 7, 9	34	30	161	125	128	105	\$ 2,170	\$ 1,594	\$ 1,770	\$ 1,328	6.1	6.7	6.8	6.3	Yes	Yes	Yes	Yes
B065	В	Ocean Parkway Malls	Large Park	None	Brooklyn Sector E	Districts 10, 11, 12	34	140	123	90	87	141	\$ 1,612	\$ 1,200	\$ 1,184	\$ 1,983	6.4	7.0	6.7	6.5	Yes	No	No	No
B371	В	Spring Creek Park	Large Park	Athletic Facility, Comfort Station	Brooklyn Sector A	Districts 4, 5, 16	33	43	-	-	3	1	-	-	\$ 45	\$ 7	-	-	2.0	1.0	-	-	No	No
B032	В	Fort Greene Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Brooklyn Sector G	Districts 2	32	30	260	374	282	282	\$ 3,336	\$ 5,308	\$ 4,086	\$ 4,230	5.2	6.2	6.0	6.1	Yes	Yes	Yes	No
Q010A	Q	Little Bay Park	Large Park	Athletic Facilities, Comfort Station	Queens Sector I	Districts 11, 13	32	55	9	6	32	49	\$ 128	\$ 84	\$ 400	\$ 627	2.4	1.4	3.2	4.6	No	No	Yes	Yes
B129	В	Kaiser Park	Large	Athletic Facilities, Comfort Station	Brooklyn Sector H	Districts 13, 15	30	26	17	-	21	54	\$ 201	-	\$ 342	\$ 877	1.6	-	3.1	4.7	No	-	Yes	Yes
X142 ¹	x	Riverdale Park	Large Park	Natural Area	Bronx Sector C	Districts 7, 8	28	144	7	5	3	1	\$ 97	\$ 74	\$ 44	\$ 19	1.9	1.6	1.5	1.0	No	No	No	No
Q476	Q	College Point Fields	Large Park	Athletic Facilities, Comfort Station	Queens Sector G	Districts 7	27	27	28	28	10	10	\$ 357	\$ 349	\$ 142	\$ 129	5.1	3.8	2.5	2.5	Yes	Yes	No	No
M077	М	St. Nicholas Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Manhattan Sector B	Districts 7, 9	26	23	174	146	158	129	\$ 2,315	\$ 2,043	\$ 2,434	\$ 1,957	5.6	6.6	6.6	5.7	Yes	Yes	Yes	Yes
X030	x	Macombs Dam Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Bronx Sector A	Districts 1, 4, 5	25	44	140	119	69	100	\$ 1,919	\$ 1,629	\$ 1,018	\$ 1,362	6.2	6.7	6.1	6.1	Yes	No	No	No
M283 ²⁷	М	Battery Park City	Large Park	Playgrounds	Manhattan Sector F	Districts 1, 2	24	28	6	-	-	-	\$ 0	-	-	-	1.0	-	-	-	Yes	-	-	-
Q458 ^{14, 28}	Q	Fort Totten Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Queens Sector H	Districts 7A	24	60	7	4	19	56	\$ 102	\$ 55	\$ 248	\$ 731	2.7	1.0	3.0	4.6	No	No	Yes	Yes
Q009	Q	Macneil Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Queens Sector G	Districts 7	24	29	34	32	11	29	\$ 445	\$ 381	\$ 164	\$ 386	5.0	4.3	3.2	4.5	Yes	Yes	No	Yes
B066	В	Owl's Head Park	Large Park	Playgrounds	Brooklyn Sector E	Districts 10, 11, 12	24	24	99	60	59	42	\$ 1,176	\$ 754	\$ 731	\$ 563	5.8	6.3	6.2	5.6	Yes	Yes	Yes	Yes
Q107	Q	Springfield Park	Large Park	Athletic Facilities, Comfort Stations, Playgrounds	Queens Sector I	Districts 11, 13	24	24	37	7	5	3	\$ 509	\$ 112	\$ 97	\$ 57	4.6	4.2	4.7	4.0	No	No	No	No
B087	В	Sunset Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Brooklyn Sector F	Districts 6, 7	24	24	92	147	109	200	\$ 1,274	\$ 1,605	\$ 1,315	\$ 2,371	5.7	6.2	6.2	6.5	Yes	Yes	Yes	Yes

		Property	Inform	nation					Avera	age We	ekly l	lours	Av	verage W	/eekly Co	ost	Avei	-	ays Vi Neek	sited	Fi	xed Po	ost Site	e [†]
Property Number	Borough Code	Sign Name	Category	Site Amenities	Sector Name	Sector Description	Functional Acreage	Total Acreage	FY16 Q1 (Jul - Sep 2015)*	Fγ16 Q2 (Oct - Dec 2015)	FΥ16 Q3 (Jan - Mar 2016)	<u> 716 С</u> - Jun	FY16 Q1 (Jul - Sep 2015)*	FY16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	Fγ16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	FY16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)
R017 ¹	R	Freshkills Park	Large Park	Athletic Facilities, Natural Area	Staten Island Sector B	Districts 2, 2B	23	913	13	11	9	9	\$ 203	\$ 187	\$ 161	\$ 142	6.1	6.2	6.0	5.8	No	No	No	No
R140 ¹	R	King Fisher Park	Large Park	Natural Area	Staten Island Sector C	Districts 3	23	23	4	17	7	10	\$ 59	\$ 317	\$ 139	\$ 165	1.5	1.4	2.2	1.7	No	Yes	Yes	Yes
R121 ¹	R	Siedenburg Park	Large Park	Natural Area	Staten Island Sector C	Districts 3	23	23	3	6	12	10	\$ 38	\$ 101	\$ 236	\$ 172	1.0	1.2	2.0	1.7	No	Yes	Yes	Yes
M005 ²⁹	М	The Battery	Large Park	Comfort Stations	Manhattan Sector F	Districts 1, 2	23	22	342	305	302	296	\$ 1,548	\$ 979	\$ 702	\$ 474	5.9	6.8	7.0	6.5	Yes	Yes	No	No
B054	В	Lincoln Terrace / Arthur S. Somers Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Brooklyn Sector B	Districts 3, 8, 9	22	17	221	701	321	178	\$ 3,045	\$ 9,668	\$ 4,569	\$ 2,427	5.1	6.8	6.3	6.3	Yes	Yes	Yes	Yes
R145	R	Seaside Wildlife Nature Park	Small Park	None	Staten Island Sector C	Districts 3	22	21	14	9	8	9	\$ 204	\$ 156	\$ 150	\$ 166	5.9	6.8	6.4	6.0	No	No	No	No
B080	В	Asser Levy Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Brooklyn Sector H	Districts 13, 15	21	21	9	4	7	47	\$ 110	\$ 43	\$ 77	\$ 754	2.2	1.0	2.0	4.6	No	No	No	Yes
M058	М	Marcus Garvey Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Manhattan Sector C	Districts 10, 11	20	20	232	584	315	368	\$ 1,741	\$ 3,534	\$ 3,684	\$ 4,392	5.1	6.9	6.0	5.6	Yes	Yes	Yes	Yes
Q104	Q	Queensbridge Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Queens Sector B	Districts 1, 2	20	20	45	163	84	127	\$ 554	\$ 1,985	\$ 1,021	\$ 1,910	6.0	5.8	5.6	5.9	No	Yes	Yes	Yes
X104	x	Williamsbridge Oval	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Bronx Sector C	Districts 7, 8	20	20	134	150	139	180	\$ 1,789	\$ 2,043	\$ 1,921	\$ 2,544	5.1	5.8	5.3	5.8	Yes	Yes	Yes	Yes
Q467 ¹	Q	Broad Channel American Park	Large Park	Athletic Facilities, Natural Area	Queens Sector C	Districts 14	19	19	22	4	4	9	\$ 289	\$ 54	\$ 81	\$ 133	5.1	3.7	5.2	4.3	No	No	No	No
B166C	В	Coney Island Boat Basin	Large Park	Athletic Facilities	Brooklyn Sector H	Districts 13, 15	19	37	13	12	9	17	\$ 145	\$ 125	\$ 100	\$ 216	3.3	3.3	4.0	3.9	No	No	No	No
B007	В	Bensonhurst Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Brooklyn Sector E	Districts 10, 11, 12	18	18	64	55	51	44	\$ 888	\$ 873	\$ 857	\$ 801	5.4	6.9	6.2	6.1	Yes	Yes	Yes	Yes
B029	В	Eastern Parkway	Large Park	None	Brooklyn Sector B	Districts 3, 8, 9	18	64	208	119	94	131	\$ 2,246	\$ 1,620	\$ 1,396	\$ 1,903	6.1	6.4	6.0	6.4	Yes	No	No	No
M053	М	Theodore Roosevelt Park	Large Park	None	Manhattan Sector B	Districts 7, 9	18	18	51	73	45	56	\$ 622	\$ 974	\$ 632	\$ 668	4.6	5.8	5.6	5.6	Yes	Yes	No	No
B529	В	Bushwick Inlet Park	Small Park	Athletic Facilities, Comfort Station	Brooklyn Sector C	Districts 1	17	17	22	20	34	41	\$ 313	\$ 337	\$ 588	\$ 609	4.8	4.7	6.3	6.3	Yes	Yes	Yes	Yes

		Property	Inform	ation					Avera	age We	ekly H	lours	A۱	verage W	eekly Co	ost	Aver	-	ays Vi: Week	sited	Fi	xed Pc	ost Site	e [†]
Property Number	Borough Code	Sign Name	Category	Site Amenities	Sector Name	Sector Description	Functional Acreage	Total Acreage	FY16 Q1 (Jul - Sep 2015)*	Fγ16 Q2 (Oct - Dec 2015)	FΥ16 Q3 (Jan - Mar 2016)	<u> Ү16</u> - Ju	FY16 Q1 (Jul - Sep 2015)*	FY16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)	FΥ16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)	FY16 Q1 (Jul - Sep 2015)		FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)
Q126	Q	Francis Lewis Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Queens Sector G	Districts 7	17	17	9	2	5	7	\$ 161	\$ 42	\$ 92	\$ 116	5.1	2.1	2.8	2.9	No	No	No	No
X047	x	Franz Sigel Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Bronx Sector A	Districts 1, 4, 5	17	16	141	90	72	83	\$ 1,917	\$ 1,291	\$ 1,099	\$ 1,158	5.5	6.0	5.2	4.9	Yes	No	No	No
Q012B	Q	John Golden Park	Large Park	Athletic Facilities, Comfort Station	Queens Sector H	Districts 7A	17	17	73	3	4	26	\$ 975	\$ 49	\$ 56	\$ 380	2.7	2.0	2.1	4.9	Yes	No	No	Yes
R048 ¹	R	Jones Woods Park	Large Park	Natural Area	Staten Island Sector A	Districts 1	17	17	5	4	5	5	\$ 57	\$ 58	\$ 69	\$ 78	5.7	5.4	5.2	4.9	No	No	No	No
B052	в	Leif Ericson Park	Large Park	Athletic Facilities, Comfort Station, Playgrounds	Brooklyn Sector E	Districts 10, 11, 12	17	17	101	62	71	79	\$ 1,285	\$ 882	\$ 1,074	\$ 1,156	6.3	6.5	6.2	6.1	Yes	No	No	No
Q461 ¹	Q	Powell's Cove Park	Large Park	Natural Area	Queens Sector G	Districts 7	17	55	4	3	3	4	\$ 72	\$ 56	\$ 66	\$ 67	1.6	1.6	1.8	1.6	No	No	No	No

Note: Values that contain a dash (-) had no data available for the given time period.

* Cleaning activities were recorded in the Asset Management Parks System (AMPS) during most of the first guarter of FY2016. Starting in September, a new "Daily Tasks" system with different entry processes and requirements was used to record this same cleaning work. Specifically, the AMPS system required time to be reported in 15-minute increments while Daily Tasks allows reporting to the nearest minute, so staff hours in AMPS may be slightly inflated compared to the new Daily Tasks entries.

[†] As fixed posts sites vary depending on available staffing, any park withat least four hours of service for 43% (or 3 of every 7 days) or more of the days in a guarter is counted as "Fixed Post."

1) This property contains one or more sizeable natural areas. These areas are serviced by Parks staff only as needed to avoid disturbing the ecosystem.

2) This property contains a swimming beach. Due to the seasonal nature of this amenity, service levels will greatly increase when the beach is open for swimming and decrease once it has closed.

3) Richmond Parkway (R065) includes records for property numbers R030, R065, R088, R118 and R129.

4) Richmond Parkway (R065) is more commonly known as the Greenbelt.

5) Cleaning and maintenance of Central Park is primarily performed by the Central Park Conservancy. Their maintenance costs are not reported here.

6) NYC Parks staff assigned to Central Park ceased entering work in this database after July 2015. All costs of Parks staff in Central Park are reflected in Table 2 - Sector Level Services under Manhattan District 13. 7) Cleaning and maintenance of Prospect Park is shared with the Prospect Park Alliance. Their maintenance costs are not reported here.

8) Rockaway Beach and Boardwalk (Q162) includes records for property numbers Q050, Q162, Q163, Q164, Q162J, Q162H, Q162J01, Q162E, QZ989 and QZ919.

9) Cleaning and maintenance of the Cunningham Park's ballfields is shared with the Mary Louis Academy, St. Francis Prep, and the Auburndale Soccer Club. Their maintenance costs are not reported here. 10) Riverside Park (M071) includes records for property numbers M071, M072 and M353.

11) Cleaning and maintenance of Riverside Park is shared with the Riverside Park Conservancy, which assists with horticultural care of the site. Their maintenance costs are not reported here.

12) Randall's and Wards Island staff began entering work in NYC Parks systems in January 2016. All costs of NYC Parks staff for the first two guarters are reflected in Table 2 - Sector Level Services under Manhattan Sector I.

13) Cleaning and maintenance of Bronx Park is shared with the Bronx River Alliance, which maintains park trails and the area along the Bronx River. Their maintenance costs are not reported here. 14) A portion of the site was closed for construction during FY16.

15) Hours do not include seasonal employees assigned to comfort stations; their hours are reflected in Sector Costs under Brooklyn Sector H.

16) Crotona Park was the subject of a trash management pilot that stationed additional staff in the park starting May 2016.

17) Cleaning and maintenance of Wards Island is primarily performed by the Randall's Island Park Alliance. Their maintenance costs are not reported here.

18) Cleaning and maintenance of Randall's Island is primarily performed by the Randall's Island Park Alliance. Their maintenance costs are not reported here.

19) Cleaning and maintenance of McGuire Fields (B166D) is shared with the Millennium Group. Their maintenance costs are not reported here.

20) The western and eastern Kissena Corridor Park properties (Q300 and Q300A) are listed separately because they are maintained as separate properties by different staff.

21) In March 2016, maintenance of the Mosholu Parkway lawns was taken over by specialized grass-cutting crews. This work is accounted for in the borough-level costs.

22) Q300A includes records for property numbers Q300A and Q300A1.

23) Cleaning and maintenance of the Red Hook Recreation Area (B126) is seasonally supplemented by a crew of Parks staff who perform tasks such as painting and intensive weeding.

24) A natural area makes up most of Udall's Park Preserve (Q452). The property is visited primarily by natural areas maintenance and grass cutting crews, whose work is accounted for in the borough-level costs. 25) Roy Wilkins Recreation Center (Q448) includes records for property numbers Q210 and Q448.

26) Cleaning and maintenance of Roy Wilkins Recreation Center is shared with the Southern Queens Park Alliance. Their maintenance costs are not reported here.

27) Cleaning and maintenance of Battery Park City is primarily performed by the Battery Park City Parks Conservancy. Their maintenance costs are not reported here.

28) Cleaning and maintenance of Fort Totten Park (Q458) is shared with the FDNY. Their maintenance costs are not reported here.

29) Cleaning and maintenance of The Battery is shared with the Battery Conservancy. Their maintenance costs are not reported here.

		Avg. Weekly Cost FY16 Q1	Avg. Weekly Cost FY16 Q2	Avg. Weekly Cost FY16 Q3	Avg. Weekly Cost FY16 Q4
Sector Name	Sector Description	(Jul - Sep 2015) [*]	(Oct - Dec 2015)	(Jan - Mar 2016)	(Apr - Jun 2016)
Bronx Sector A	Districts 1, 4, 5	\$ 46,494	\$ 43,451	\$ 35,223	\$ 40,540
Bronx Sector B	Districts 2, 3, 6	\$ 47,530	\$ 32,964	\$ 26,664	\$ 37,164
Bronx Sector C	Districts 7, 8	\$ 26,201	\$ 29,433	\$ 22,794	\$ 23,228
Bronx Sector D	Districts 9, 10	\$ 20,406	\$ 28,934	\$ 21,270	\$ 25,313
Bronx Sector E	Districts 11, 12, 14	\$ 23,643	\$ 17,389	\$ 15,531	\$ 18,511
Bronx Sector F	Districts 15, 15A	\$ 29,104	\$ 20,421	\$ 15,814	\$ 22,976
Bronx Sector G	Districts 13	\$ 14,775	\$ 18,625	\$ 17,714	\$ 18,083
Brooklyn Sector A	Districts 4, 5, 16	\$ 27,934	\$ 27,655	\$ 23,036	\$ 26,338
Brooklyn Sector B	Districts 3, 8, 9	\$ 46,893	\$ 42,963	\$ 36,606	\$ 33,706
Brooklyn Sector C	Districts 1	\$ 19,948	\$ 22,329	\$ 20,085	\$ 25,184
Brooklyn Sector D	Districts 17, 18	\$ 16,971	\$ 18,815	\$ 17,744	\$ 22,521
Brooklyn Sector E	Districts 10, 11, 12	\$ 29,231	\$ 24,193	\$ 24,059	\$ 24,136
Brooklyn Sector F	Districts 6, 7	\$ 32,625	\$ 28,591	\$ 23,993	\$ 26,518
Brooklyn Sector G	Districts 2	\$ 17,778	\$ 20,129	\$ 20,072	\$ 18,766
Brooklyn Sector H	Districts 13, 15	\$ 40,104	\$ 21,107	\$ 22,456	\$ 55,762
Brooklyn Sector I	Districts 14, 19	\$ 21,641	\$ 21,954	\$ 23,576	\$ 21,582
Manhattan District 13	District 13	\$ 19,680	\$ 18,443	\$ 15,586	\$ 18,114
Manhattan Sector A	Districts 12, 12A	\$ 9,387	\$ 24,935	\$ 22,583	\$ 28,536
Manhattan Sector B	Districts 7, 9	\$ 24,006	\$ 21,729	\$ 19,279	\$ 18,161
Manhattan Sector C	Districts 10, 11	\$ 25,365	\$ 27,654	\$ 13,096	\$ 18,478
Manhattan Sector D	Districts 6, 8, 15	\$ 35,819	\$ 39,162	\$ 30,574	\$ 28,673
Manhattan Sector E	Districts 4, 5	\$ 23,778	\$ 17,723	\$ 15,673	\$ 18,941
Manhattan Sector F	Districts 1, 2	\$ 33,945	\$ 35,657	\$ 33,136	\$ 30,558
Manhattan Sector G	Districts 3	\$ 21,307	\$ 18,951	\$ 21,046	\$ 20,871
Manhattan Sector H	Districts 14	\$ 32,387	\$ 23,928	\$ 19,968	\$ 22,565
Manhattan Sector I	Districts 11R	\$ 6,003	\$ 7,291	\$ 8,871	\$ 8,280
Queens Sector A	Districts 15	\$ 17,449	\$ 12,914	\$ 13,408	\$ 14,414
Queens Sector B	Districts 1, 2	\$ 19,172	\$ 30,975	\$ 25,948	\$ 26,562
Queens Sector C	Districts 14	\$ 55,549	\$ 17,615	\$ 19,080	\$ 31,129
Queens Sector D	Districts 8, 9	\$ 19,283	\$ 19,627	\$ 18,966	\$ 18,840
Queens Sector E	Districts 5, 6	\$ 22,548	\$ 23,656	\$ 14,832	\$ 14,382
Queens Sector F	Districts 5A, 16	\$ 10,596	\$ 13,301	\$ 5,627	\$ 4,194
Queens Sector G	Districts 7	\$ 16,175	\$ 15,441	\$ 13,008	\$ 15,361
Queens Sector H	Districts 7A	\$ 14,065	\$ 10,756	\$ 9,908	\$ 9,170
Queens Sector I	Districts 11, 13	\$ 15,618	\$ 12,790	\$ 11,917	\$ 9,953
Queens Sector J	Districts 3, 4	\$ 17,227	\$ 19,132	\$ 15,592	\$ 14,606
Queens Sector K	Districts 10, 12	\$ 18,504	\$ 24,726	\$ 16,719	\$ 17,202
Staten Island Sector A	Districts 1	\$ 14,860	\$ 17,124	\$ 18,719	\$ 18,342
Staten Island Sector B	Districts 2, 2B	\$ 39,752	\$ 39,548	\$ 35,439	\$ 40,396
Staten Island Sector C	Districts 3	\$ 16,265	\$ 13,854	\$ 13,806	\$ 15,866

Note: Sector-level maintenance activities can include locking and unlocking parks and bathrooms, beach sand cleaning, basic structural maintenance, snow plowing, packer garbage collection operations, grass trimming, weeding, horticultural maintenance, power washing, and athletic field preparation. Most of these activities are not directly tracked, and are instead accounted for using staff payroll data. These figures are exclude cleaning of parks logged in the Daily Tasks application, which is included in the "Park Cleaning Crews" section.

* Cleaning activities were recorded in the Asset Management Parks System (AMPS) during most of the first quarter of FY2016. Starting in September, a new "Daily Tasks" system with different entry processes and requirements was used to record this same cleaning work. Specifically, the AMPS system required time to be reported in 15-minute increments while Daily Tasks allows reporting to the nearest minute, so staff hours in AMPS may be slightly inflated compared to the new Daily Tasks entries.

Borough	Borough Code	Avg. Weekly Cost FY16 Q1 (Jul - Sep 2015)	Avg. Weekly Cost FY16 Q2 (Oct - Dec 2015)	Avg. Weekly Cost FY16 Q3 (Jan - Mar 2016)	Avg. Weekly Cost FY16 Q4 (Apr - Jun 2016)
Brooklyn	В	\$ 168,495	\$ 171,233	\$ 164,853	\$ 161,032
Bronx	Х	\$ 136,857	\$ 141,947	\$ 140,878	\$ 147,610
Manhattan	М	\$ 142,235	\$ 136,684	\$ 134,967	\$ 140,665
Queens	Q	\$ 230,293	\$ 229,050	\$ 233,012	\$ 261,091
Staten Island	R	\$ 114,778	\$ 124,229	\$ 116,637	\$ 127,483

Table 3: NYC Parks Maintenance, Fiscal Year 2016 – Borough-Level Services

Note: Borough-level maintenance activities can include locking and unlocking parks and bathrooms, basic structural maintenance, grass trimming, extermination, horticultural maintenance, tree maintenance, power washing, and athletic field preparation. This also includes borough operations management. Most of these activities are not directly tracked, and are instead accounted for using staff payroll data. These figures are independent of any cleaning of parks logged in the Daily Tasks application, and any sector-level maintenance services.

Parks Enforcement Patrol (PEP) Officers, Fiscal Year (FY) 2016				
Assignment	FY16 Q1 (Jul - Sep 2015)	FY16 Q2 (Oct - Dec 2015)	FY16 Q3 (Jan - Mar 2016)	FY16 Q4 (Apr - Jun 2016)
Bronx	30	30	23	25
Brooklyn	25	26	20	23
Manhattan	35	37	33	36
Queens	32	27	23	26
Staten Island	25	24	21	21
Citywide	9	9	9	9
Grant-Funded*	30	30	27	33
Recruits	_	-	-	42

Table 4: Parks Enforcement Patrol Staffing

*Grant-funded sites include Riverside Park South, West Harlem Piers, Washington Square Park, Madison Square Park, East River Esplanade, Central Park and Randall's Island.

Appendix A: Fixed Post Calculation

For the purposes of this report, a park is considered fixed post if it received fixed post service on 43% or more of the days in the quarter, or about 3 out of 7 days. Fixed post service is defined as:

• The work was entered in the fixed post module of Daily Tasks

OR

• Work was entered in the mobile crew module of Daily Tasks, but the park had been visited by any staff for 4 or more consecutive hours on a given day.¹

Appendix B: Park Cleaning Crews Calculations

I. Average Weekly Costs

Since costs are not directly recorded in the Daily Tasks system, they were calculated from the number of hours reported. The following series of calculations were carried out to arrive at the average weekly park cleaning crew costs:

1. For accuracy and simplicity, costs were calculated by multiplying the number of hours recorded by the average salary for each title. This was done on an entry by entry basis. Job titles on mobile crews include Associate Park Service Workers (APSW), City Park Workers (CPW), City Seasonal Aides (CSA) and Job Training Participants (JTP). These staff were given a 2.5% raise, which took effect on September 3, 2015 under a new collective bargaining agreement, and which is reflected in the calculations.

Cost calculation before 9/3/2015:

 $Cost_{APSW} = Hours_{APSW} * 22.61$

 $Cost_{CPW} = Hours_{CPW} * 17.28$

 $Cost_{CSA} = Hours_{CSA} * 16.05$

 $Cost_{ITP} = Hours_{ITP} * 11.79$

Cost calculation including and after 9/3/2015:

 $Cost_{APSW} = Hours_{APSW} * 23.29$ $Cost_{CPW} = Hours_{CPW} * 17.80$ $Cost_{CSA} = Hours_{CSA} * 16.54$ $Cost_{JTP} = Hours_{JTP} * 12.14$

¹ For reasons of data entry ease, some sectors have preferred to use the mobile crew module to enter split post work. We are developing solutions to improve this process.

2. The costs were then multiplied by the number of workers reported for each title. This calculation was performed on an entry by entry basis.

 $Total \ Cost_{APSW} = Cost_{APSW} * Number \ of \ APSWs$ $Total \ Cost_{CPW} = Cost_{CPW} * Number \ of \ CPWs$ $Total \ Cost_{CSA} = Cost_{CSA} * Number \ of \ CSAs$

Total Cost_{JTP} = Cost_{JTP} * Number of JTPs

3. The total cost for each entry was then calculated by adding costs calculated for each title.

 $Total Cost_{Entry} = Total Cost_{APSW} + Total Cost_{CPW} + Total Cost_{CSA} + Total Cost_{JTP}$

4. The total property-level costs per week were then calculated by summing all entries for a property for each week.

 $Total Weekly Property Costs = For each week and property: \sum_{Entry} Total Cost_{Entry}$

5. Finally the quarterly average property-level costs were calculated by summing the weekly total property-level costs in a given quarter and dividing by the number of weeks of data entered per quarter for a given property. Note that due to missing data, the number of weeks of available data for a given property does not necessarily equal the number of weeks in a quarter.

Average Weekly Property Cost per Quarter =

 $\textit{For each quarter and property:} \sum_{Week} \textit{Total Weekly Property Costs}_{\textit{Week}} \, \textit{/ Weeks of Available Data}$

II. Average Weekly Hours

1. First, the total number of man hours were calculated for each entry. This calculation was done by multiplying the number of hours by the number of workers reported for each crew.

Total Man Hours_{Entry} = Number of Hours_{Entry} * Number of Workers_{Entry}

2. The total number of property-level hours per week were calculated by summing all entries for a property for each week.

$$Total Weekly Property Hours = For each week and property: \sum_{Entry} Total Man Hours_{Entry}$$

3. Finally the quarterly average property-level hours were calculated by summing the weekly total property-level hours in a given quarter and dividing by the number of weeks of data entered per quarter for a given property. Note that due to missing data, the number of weeks of available data for a given property does not necessarily equal the number of weeks in a quarter.

Average Weekly Property Hours per Quarter =

For each quarter and property: \sum_{Week} Total Weekly Property Hours_{Week} / Weeks of Available Data

III. Average Number of Days Serviced per Week

1. For each property and day, properties were assigned binary (0 or 1) values to designate whether a property received service on a given day. If a property received service on a given day it was assigned a value of 1, if it didn't receive service then it was assigned a value of 0.

For each day and property:

If a property was serviced on a day then: Day Serviced = 1 else: Day Serviced = 0

2. The total number of days serviced per week were calculated by summing all days serviced for a property for each week. Note that the resulting values have a finite range from 0 days to 7 days.

Total Number of Days Serviced per Week =

For each week and property: $\sum_{Day} Day Serviced_{Day}$

3. Finally the average number of days serviced per week were calculated by summing the weekly total property-level hours in a given quarter and dividing by 7 (the number of days in a week). Note that due to missing data, the number of weeks of available data for a given property does not necessarily equal the number of weeks in a quarter.

Average Number of Days Serviced per Week =

For each quarter and property:

 $\sum_{Week} Total Number of Days Serviced per W_{Week} / Weeks of Available Data$

Appendix C: Sector-Level Services

Because Daily Task data make up only a portion of the sector-level costs, payroll data had to be used in conjunction with Daily Task data to prevent double counting. In order to arrive at sector costs, the following series of calculations were carried out:

1. The total number of hours reported in Daily Tasks were calculated independently for each title by summing all entries for a sector for each week. Note that Daily Tasks only includes the employee titles that comprise our cleaning crews (APSW, CPW, CSA and JTP).

 $Daily Task Total Weekly Sector Hours_{Title} =$

For each week and sector:
$$\sum_{Title} Daily Task Hours_{Title}$$

2. To calculate the sector-level costs from the payroll data, two separate calculations were performed. This was required in order to account for the cost of employee titles that were already reported in Daily Tasks (cleaning crews of APSW, CPW, CSA and JTP) and employee titles that were not reported in Daily Tasks (Gardeners, Park Supervisors, etc.).

(a) The total number of hours reported in Payroll were calculated independently for each title by summing all entries for a sector for each week. Note that this calculation was performed only for employee titles reported in Daily Tasks (cleaning crews).

Payroll Total Weekly Sector Hours =

For each week and sector:
$$\sum_{Title} Payroll Hours_{Title}$$

(b) The total costs reported in Payroll were calculated independently for each title by summing all entries for a sector for each week. Note that this calculation was performed for all other sector employee titles that were <u>not</u> reported in Daily Tasks.

$$Total Weekly Sector Costs_{Other Titles} = For each sector and week: \sum_{Title} Payroll Cost_{Title}$$

3. The differences in hours reported between Daily Task and payroll were then were calculated independently for each title by subtracting the Daily Task hours from the payroll hours for a sector for each week. Note that this calculation was <u>only</u> performed for employee titles that were reported in Daily Tasks (cleaning crews).

Hour $Difference_{Title} = For each week and sector:$

Payroll Total Weekly Sector Hours_{Title} – Daily Task Total Weekly Sector Hours_{Title}

4. The percent differences in hours were then calculated independently for each title first by dividing the hour differences by the number of hours reported in payroll, and then multiplying the result by 100 for a sector for each week. Note that this calculation was <u>only</u> performed for employee titles that were reported in Daily Tasks (cleaning crews).

Percent Difference $Hours_{Title} =$

For each sector and week: $\left(\frac{Hour Difference_{Title}}{Payroll Total Hours_{Title}}\right) * 100$

5. The total weekly sector costs per title were then calculated independently for each title by first multiplying the percent difference by payroll cost and secondly subtracting the result from the sector payroll cost for a sector for each week. Note that this calculation was <u>only</u> performed for employee titles that were reported in Daily Tasks (cleaning crews).

Total Weekly Sector Cost_{Cleaning Titles} =

For each sector and week: Payroll $Cost_{Title}$ – (Percent Difference_{Title} * Payroll $Cost_{Title}$)

6. The total weekly sector costs for all titles were then calculated by adding together the total weekly sector costs for each of the titles for a sector for each week. Note that this calculation included the addition of employee titles directly cleaning parks and those responsible for other maintenance activities.

Total Weekly Sector Costs = For each sector and week:

Total Weekly Sector Cost_{Cleaning Titles} + Total Weekly Sector Cost_{Other Titles}

7. Finally the quarterly average sector costs were calculated by summing the total weekly sector costs in a given quarter and dividing by the number of weeks, 13, in a quarter.

Average Weekly Sector Cost per Quarter =
$$(\sum_{Week} Total Weekly Sector Costs_{Week})/13$$

Appendix D: Borough-Level Services

Borough services were the most straightforward costs to calculate because these costs were completely independent from both the property-level and sector-level costs. Therefore the borough-level costs were calculated directly from the payroll data as follows:

1. The total borough costs per week were calculated by summing the costs for a borough for each week.

 $\textit{Total Weekly Borough Costs} = \textit{For each week and borough:} \sum_{\textit{Entry}} \textit{Total Cost}_{\textit{Entry}}$

2. Then the quarterly average borough-level costs were calculated by summing the weekly total borough costs in a given quarter and dividing by the number of weeks, 13, in a quarter.

Average Weekly Borough Cost per Quarter =

For each quarter and borough: \sum_{Week} Total Weekly Borough Costs_{Week} / 13