



**The City of New York Action Plan Amendment 23 (non-substantial)**

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**For CDBG-DR Funds, Disaster Relief Appropriations Act of 2013 (P.L. 113-2)**

## Background

Hurricane Sandy hit New York City on October 29, 2012. The City of New York's (City) Action Plan describes how the City will use its award of Community Development Block Grant – Disaster Recovery (CDBG-DR) funds, received from the U.S. Department of Housing and Urban Development (HUD) to support recovery from Hurricane Sandy and to build more resiliently against the challenges of climate change. The programs in this Action Plan include programs to build and support housing, businesses, resiliency, and New York City infrastructure and other City services.

On May 7, 2013, HUD approved the City's initial Action Plan which has subsequently been amended several times through both substantial and non-substantial amendments. The entirety of the City's \$4,213,876,000 CDBG-DR award for Sandy recovery and resiliency is described in the Action Plan, which is periodically amended to reflect program updates and revisions of unmet recovery needs.

Action Plan Amendment 21, which was approved by HUD on June 11, 2020, created a new threshold for New York City's CDBG-DR funds for substantial amendments. Any change greater than \$15 million in funding committed to a certain program, the addition or deletion of a program, or change in the designated beneficiaries of a program, constitutes a substantial amendment. Substantial amendments will be available for public comment for at least 30 days, during which time at least one public hearing will be held, and must be submitted to and approved by HUD.

Action Plan Amendment 23 is a non-substantial amendment to the City of New York's CDBG-DR Action Plan and does not require a public comment period. The Amendment is posted to the City's CDBG-DR website at [www.nyc.gov/cdbgdrr](http://www.nyc.gov/cdbgdrr) and is effective upon HUD's acknowledgement within five days of publication.

## CONTENTS

Background .....	1
Budget Table Summarizing Action Plan Amendment 23 Funding Reallocations .....	3
Summary of Action Plan Amendment 23 Changes.....	4
Details of Action Plan Amendment 23 Changes .....	5
Funding Justifications .....	5
<b>Housing—\$3 Billion</b> .....	5
<b>Business – \$90.88 million</b> .....	5
<b>Infrastructure and Other City Services (IOCS) – \$404.04 million</b> .....	5
<b>Resiliency – \$423.5 million</b> .....	6
<b>Planning and Administration – \$293.27 million</b> .....	6
<b>Housing -- \$3 Billion</b> .....	7
Build It Back - Temporary Disaster Assistance Program (TDAP).....	7
Build It Back Workforce Development .....	9
Public Housing .....	10
<b>Business-- \$90.88M</b> .....	12
Remaining Unmet Economic Needs .....	12
Business PREP (Preparedness and Resiliency Program): .....	12
<b>Infrastructure and Other City Services (IOCS)-- \$404.04M</b> .....	14
Other City Services - Public Services.....	14
Infrastructure - Rehabilitation/Reconstruction of Public Facilities .....	16
<b>Resiliency—\$423.51M</b> .....	17
Raise Shorelines: .....	17
Resiliency Property Purchase Program.....	18
Covered Project: HMGP-Breezy Point Risk Mitigation System.....	18
<b>Planning and Administration—\$293.271M</b> .....	19
Administration: .....	19
<b>Appendix J: Projected Expenditures and Outcomes</b> .....	21

## Budget Table Summarizing Action Plan Amendment 23 Funding Reallocations

<b>Program Allocations</b>	<b>Prior Action Plan Allocations</b>	<b>Action Plan Amendment 23 Reallocations</b>	<b>Resulting Action Plan Allocations</b>
<b>Housing</b>	<b>\$ 3,002,173,230</b>	<b>\$ (13,697)</b>	<b>\$ 3,002,159,533</b>
Build It Back Single-Family	2,263,056,000	-	2,263,056,000
Build It Back Multifamily	411,000,000	-	411,000,000
Build It Back Temporary Disaster Assistance	8,581,270	(10,980)	8,570,290
Build It Back Workforce Development	2,535,960	(2,717)	2,533,243
Public Housing - NYCHA	317,000,000	-	317,000,000
<b>Business</b>	<b>\$ 91,000,000</b>	<b>\$ (115,032)</b>	<b>\$ 90,884,968</b>
Hurricane Sandy Business Loan and Grant	58,000,000	-	58,000,000
RISE:NYC	30,000,000	-	30,000,000
Business PREP	3,000,000	(115,032)	2,884,968
<b>Infrastructure and Other City Services</b>	<b>\$ 403,820,586</b>	<b>\$ 222,804</b>	<b>\$ 404,043,390</b>
Public Services	223,107,101	(34,470)	223,072,631
Debris Removal/Clearance	6,654,089	-	6,654,089
Rehab/Reconstruction of Public Facilities	76,930,000	257,274	77,187,274
Interim Assistance	97,129,396	-	97,129,396
<b>Resiliency</b>	<b>\$ 432,237,000</b>	<b>\$ (8,720,333)</b>	<b>\$ 423,516,667</b>
Raise Shoreline	6,700,000	4,050,000	10,750,000
Breezy Point Risk Mitigation	14,537,000	(13,570,333)	966,667
Sheepshead Bay Courts Infrastructure	20,000,000	-	20,000,000
Resiliency Property Purchase Program	5,000,000	800,000	5,800,000
Staten Island University Hospital	28,000,000	-	28,000,000
East Side Coastal Resiliency	338,000,000	-	338,000,000
Hunts Point Lifelines	20,000,000	-	20,000,000
<b>Planning &amp; Admin</b>	<b>\$ 284,645,184</b>	<b>\$ 8,626,258</b>	<b>\$ 293,271,442</b>
Planning	92,720,000	-	92,720,000
Administration	191,925,184	8,626,258	200,551,442
<b>GRAND TOTAL</b>	<b>\$ 4,213,876,000</b>	<b>-</b>	<b>\$ 4,213,876,000</b>

## Summary of Action Plan Amendment 23 Changes

**Action Plan Amendment 23 makes the following changes to the City's CDBG-DR Action Plan, in summary:**

### Throughout the Document

- Updates budget tables, information on beneficiaries and accomplishments, and project milestones throughout the Action Plan document to reflect current information

### Housing

- Updates facts, figures, and timeline within the Build It Back Single Family section previously allocated funds to the program updates and updates that came from a 2020 HUD monitoring
- Reallocates \$10,980 of surplus funds from TDAP
- Reallocates \$2,717 of surplus funds from Workforce Development
- Updates unmet needs analysis for NYCHA recovery and resiliency NYCHA: program updates

### Business

- Reallocates \$115,032 of surplus from BPREP for use in another program area

### Infrastructure and Other City Services (IOCS)

- Reallocates \$34,469.53 from Public Services for use in another program area as a result of the final FEMA PW for NYPD.
- Reallocates \$257,274 to Rehab/Reconstruction of Public Facilities to fully fund the 10% local match requirement for the FEMA project for the Trust for Governor's Island

### Resiliency

- Reallocates \$13.5M from Breezy Point for use in another program area given that the FEMA project will not progress beyond Phase 1 FEMA project.
- Reallocates \$4.05M to Raise Shorelines to fund Coney Island Creek, solve for capital eligibility, and fund other improvements to various other Raise Shorelines sites.
- Reallocates \$800,000 to the Resiliency Property Purchase Program to cover additional properties

### Planning and Administration

- Reallocates \$8.6M to Administration, within the 5% cap on administrative funds

## Details of Action Plan Amendment 23 Changes

**Changes to the following chapters will be made to reflect updated program allocations as a result of Action Plan Amendment 23. These types of changes include updates to charts and text to be consistent with the changes described in this amendment.**

### Funding Justifications

**Changes to the Funding Justifications can be found starting on page 15 of the Action Plan.**

### Housing—\$3 Billion

The City will use CDBG-DR to fund the following Housing programs:

**Build It Back:** \$3.002 billion to fully complete the permanent housing recovery program that will address the identified remaining unmet need for single-family and multifamily applicants.

Within this program, the City has further broken down funding into the following categories:

1. \$2.263 billion to provide for the rehabilitation and reconstruction of one- to four- unit homes that are either occupied by the homeowner or year-round tenants. This is an increase of \$50 million above what was approved in the prior Action Plan, as of Amendment 20. In addition, the City is allocating its own resources towards Build It Back, as of the City of New York's Preliminary Fiscal Year 2021 Financial Plan in January 2020.
2. \$411 million to provide for the rehabilitation and resiliency of multifamily buildings (five or more units). This is a decrease of \$15 million from the prior Action Plan.
3. \$8.5 million for the Temporary Disaster Assistance Program (TDAP) rental subsidy program to serve low-income households displaced by Hurricane Sandy. This represents a reallocation of \$10,980 of program surplus as part of this amendment.
4. \$2.533 million for a workforce development program as part of Build It Back. This represents a reallocation of \$2717 of program surplus as part of this amendment. .

For further details on these funds regarding updated unmet needs, please see the Needs Assessment within Chapter VII (Housing) of this Action Plan below.

### Business – \$90.88 million

The City will use CDBG-DR to fund the following Business programs:

**Business PREP (Preparedness and Resiliency Program):** \$2.7 million to assist businesses to implement operational and physical resiliency measures through one-on-one site visits and assessments, grants to help businesses implement low-cost resiliency improvements, business resiliency online resources, and emergency preparedness workshops.

### Infrastructure and Other City Services (IOCS) – \$404.04 million

As permitted in the March 5, 2013 Federal Register, much of the CDBG-DR funds for IOCS will be used to fund the required non-federal share ("local match") of FEMA Public Assistance disaster grants and other federal grants. The City is allocating \$403.6 million to direct City agency costs associated with local cost shares on other federal recovery funds. The remainder of the required match will be funded using City funds,

particularly in the Capital Plan for FEMA Permanent Work. The City will use CDBG-DR to fund the following Infrastructure and Other City Services programs:

- \$223.1 million has been allocated for public service activities that assisted the public during and after the storm. This includes a reduction of \$34k in APA 23, which is a result of the City of New York finalizing a FEMA PWs which covers NYPD overtime related to Sandy. As a result of the closeout process, FEMA is reducing the overall PW amount, leading to a smaller match requirement by \$34K. The City of New York intends to reduce this amount in this APA and then make a DRGR adjustment to align the activities and reduce a subsequent draw by that \$34K.
- \$6.7 million has been allocated for debris removal and clearance,
- \$97.1 million has been allocated for interim assistance, and
- \$77.1 million has been allocated for the rehabilitation and reconstruction of public facilities. This includes an increase of \$257,274 to Rehab/Reconstruction of Public Facilities to provide for 10% match of for the Trust for Governor's Island.

The category of public facilities is associated with Infrastructure projects and the other categories are associated with Other City Services. Activities in the Public Services activity have been completed. The allocation reflects actual expenditures, with an application of a credit as the result of audit reconciliation having been applied.

### Resiliency – \$423.5 million

The City will use CDBG-DR to fund the following Coastal Resiliency programs:

**Raise Shorelines:** \$10.75 million for (1) feasibility assessments, preliminary design, technical studies; (2), planning for the installation of armor stone revetments; (3), repairing, installing, and raising bulkheads; and (4), developing integrated flood protection systems at various locations throughout the city. Amendment 23 reallocates \$2.854M for Coney Island Resiliency Improvements to advance resiliency measures throughout the Coney Island peninsula. APA 23 also adds \$1.196M to the entire Raise Shorelines portfolio of projects.

**Breezy Point Risk Mitigation:** \$996,667 to cover the 25 percent local match contribution to a FEMA Hazard Mitigation Grant Program (HMGP) Section 404 award to provide coastal protection in the Breezy Point community of the Rockaways. This project was previously funded in the IOCS section of the Action Plan and is now being described under Coastal Resiliency.

FEMA concluded that this project does not have a path forward to create public beach access to the project site upon completion of the mitigation activity, and therefore cannot fulfill requirements set forth in Policy 8 of the City's Waterfront Revitalization Program. Therefore, FEMA determined that the Breezy Point Risk Mitigation Systems project does not meet eligibility criteria for Phase II funding under the HMGP. Phase I of this project has been terminated, and 25% of eligible Phase I implementation costs will be reimbursed with the CDBG-DR funds.

**Resiliency Property Purchase Program:** \$5.8 million for a pilot program to purchase property to facilitate the implementation of resilient infrastructure projects in Sandy-impacted areas that will be funded through a variety of federal, State and local sources

### Planning and Administration – \$293.27 million

The City will use CDBG-DR funds for long-term community planning and rebuilding efforts, such as the planning and implementation of neighborhood recovery strategies; citywide zoning changes; urban design;

geographic, demographic, and legal support; environmental review; zoning and land use changes; and integration of coastal protections into local land use and waterfront planning.

Additionally, the City must provide administrative and support services necessary to formulate, implement, and evaluate the City's CDBG-DR programs. These overall grant management activities include preparing and amending the CDBG-DR Action Plan; ensuring the public is aware of and understands the Plan; developing program policies and procedures; monitoring program expenditures; ensuring compliance with all requirements; and creating reporting functionality on Recovery websites, etc. Planning and Administration also includes program-specific planning and administration costs.

## Housing -- \$3 Billion

**Changes to the Build It Back Multifamily and Public Housing programs can be found starting on page 51 of the Action Plan.**

### Build It Back - Temporary Disaster Assistance Program (TDAP)

**PROGRAM OBJECTIVE AND DESCRIPTION:** The City will use CDBG-DR funds to create a rental subsidy program, Temporary Disaster Assistance Program (TDAP), to serve households displaced by Hurricane Sandy. The period of assistance will be up to 24 months.

The City will assist households in finding apartments in the existing affordable housing portfolio, or participants may identify their own apartment. Clients will sign leases directly with the property owners, and will be responsible for paying up to 30 percent of income in rent. The City will use CDBG-DR to cover the gap between the contract rent and tenant share. To the extent practical, the program will be modeled to follow the regulations and procedures of Section 8 (units must pass Housing Quality Standards, etc.).

The New York City Department of Housing Preservation and Development (HPD), which will oversee the program, successfully created a rental subsidy program from HOME funding to meet emergency rental assistance needs in the past, which was also based on the Section 8 model. All applicants must provide a prestorm address and an explanation as to why they cannot return to their pre-storm residence. The City recognizes that a CDBG-DR rental subsidy is only a bridge to permanent housing. During the two year subsidy period, the City will continue to work with families to ensure they remain stably housed.

The City anticipates some flow of Public Housing and potentially Section 8 units may become available. The City will transition participants to any vacancies that open during the 24 month period on a flow basis (i.e. households need not have exhausted their two years of rental assistance to qualify for a vacancy). HPD will also outreach to owners and managers of various properties with project-based subsidies that will have vacancies over time, to create another pipeline of permanent housing options.

Finally, the City will seek ways to boost household income, so that participants are better able to afford suitable housing after program expiration. For example, the City will attempt to link households to income support payments for which they are eligible, but not currently enrolled. Outreach to participants will be ongoing during the two year subsidy period to try to avoid emergency situations at the end of the subsidy window. Households may also be linked to financial counseling. Initial outreach is proactively made to applicants during workshops and briefings. HPD will use a case manager to work with eligible TDAP participants to assist in the transition to more sustainable housing. This case manager will perform a needs assessment and coordinate counseling and case management sessions and/or referrals for needs outside of housing.

Since 2013, the New York City Department of Housing Preservation and Development (HPD) assisted 225 households through TDAP. In June 2015, when Section 8 vouchers became available, all potentially eligible

TDAP participants were provided the opportunity to apply for long-term Section 8 voucher assistance. For some families, there were delays in their application for Section 8 assistance which led to rental arrears. Delays can be attributed to applicants' uncertainty as to whether they would like to remain in their TDAP assisted apartment or to their confusion regarding changing application processes due to the change in source of subsidy.

A limited number of households experienced a gap in subsidy. Section 8 assistance could not begin before a tenant submitted a complete Section 8 application, an owner formally accepted the tenant under the Section 8 program, and a unit passed inspection. Although participants continued to pay their share of the rent, the landlord could no longer receive the subsidy to close the gap between the tenant share and the actual rent for the unit under TDAP.

The City will use a portion of the current CDBG-DR TDAP allocation to make one-time payments of arrears directly to landlords to prevent eviction and possible homelessness during affected households' transition to Section 8.

**ELIGIBILITY CRITERIA:** Eligibility for the Rental Assistance program will initially be limited to displaced households at or below 50 percent of Area Median Income. After the initial launch of this program, HPD will open eligibility to include households at or below 50 percent of AMI which relocated following Hurricane Sandy and which now pay more than 40 percent of income in rent.

The TDAP program is currently unable to serve households with undocumented members. Eligibility for the CDBG-DR housing programs is determined by HUD. In accordance with HUD guidance, only "qualified aliens," as defined in Section 431 of the Personal Responsibility and Work Opportunity Reconciliation Act of 1996 (PRWORA), are eligible to receive non-exempted Federal public benefits. The City has received a private grant which funds a parallel program to serve these households.

**PROGRAM PRIORITIES:** To prevent homelessness among low-income households that were displaced by Hurricane Sandy and face significant barriers to relocation. After the initial launch of the program, priority was given to households that meet at least one of the following criteria:

1. Households residing in transitional housing placements (hotels, shelters) due to the storm
2. Households with expiring FEMA rental assistance
3. Households registered through the HPD Housing Portal and not offered placements
4. Households that had relocated as a result of Sandy but are unable to afford their current housing due to a high rent burden

**GRANT/LOAN SIZE LIMIT:** Households may lease apartments with rents up to 110 percent of New York City Fair Market Rent. Subsidies will last up to two years. Actual subsidy per household will vary by household income and size, rent, and duration of subsidy.

**HUD ELIGIBILITY CATEGORY:** Housing Services – Tenant Based Rental Assistance, 4/19/13 Waiver (78 FR 23580, 4.)

**NATIONAL OBJECTIVE:** Low- to Moderate-Income Housing

**CDBG-DR ALLOCATION:** \$8,570,290

**PROJECTED ACCOMPLISHMENTS:** 242 households

**PERFORMANCE SCHEDULE:** Rent subsidies will be limited to 24 months.

**OTHER FUNDING SOURCES:** Although CDBG-DR funded rental assistance may bridge to other rental subsidies, tenants may not receive more than one rental subsidy simultaneously.



## Build It Back Workforce Development

### a. Sandy Impact Area Workforce1 Center

**PROGRAM OBJECTIVE AND DESCRIPTION:** The destruction and impact of Hurricane Sandy continues to pose significant challenges for residents of impacted communities. The New York City Department of Small Business Services (SBS) and the Mayor's Office of Housing Recovery Operations (HRO) have developed a partnership, Sandy Recovery Workforce1, to support the Build It Back Program and other Hurricane Sandy rebuilding and resiliency efforts in coordination with the Workforce1 system. Through this partnership, Sandy Recovery Workforce1 will connect qualified residents to job opportunities generated as a result of rebuilding efforts. To expand this effort beyond the resources and services already provided by the City in the Rockaways and Staten Island, HRO and SBS will open one or more Sandy Recovery Workforce1 Centers, the first of which is proposed to be located in Southern Brooklyn to serve low or moderate income residents of nearby Sandy-impacted neighborhoods.

The Sandy Recovery Workforce1 centers will deliver an economic improvement program with workforce development and supportive services tailored to the needs of Sandy-impacted neighborhoods that result in higher quality, full-time employment outcomes for the community by leveraging job opportunities available through the broader Workforce1 system, as well as those generated as part of the rebuilding effort. At least 51 percent of residents in the Center's service area will be low- or moderate-income persons as defined by HUD.

Employment services delivered through Sandy Recovery Workforce1 centers will include but are not limited to:

- Referrals to jobs (related to rebuilding and through broader Workforce1 system)
- Resume support
- Interview preparation
- Sector specific job preparation (information about the sector, common employer expectations, etc.)
- Screening, assessment and referrals to occupational training for in-demand occupations

Additional supportive services may include but are not limited to: financial empowerment counseling, entrepreneurship education, and job retention support.

**ELIGIBILITY CRITERIA:** Eligibility for employment services provided through the Center will be limited to residents of New York City and will initially be targeted to persons that are at or below 80% of Area Median Income.

**PROGRAM PRIORITIES:** To boost long-term recovery by supplying participants with the necessary skills to increase household income.

**GRANT/LOAN SIZE LIMIT:** The grant value for each participant will be 100 percent of the cost of the employment services provided to the participant at the Workforce1 Center.

**HUD ELIGIBILITY CATEGORY:** Public Services (24 CFR 570.201(e))

**NATIONAL OBJECTIVE:** Low-Moderate Income Area Benefit

**CDBG-DR ALLOCATION:** \$2,533,243

**PROJECTED ACCOMPLISHMENTS:** 9,520 unique New Yorkers served

**PERFORMANCE SCHEDULE:** The City will begin outreach to eligible persons in early 2015. The provision of services to eligible participants commenced in March 2015 and ended in March 2017.

**OTHER FUNDING SOURCES:** None

## Public Housing

**Mitigation and Resiliency** - Critical to NYCHA's recovery and the City's overall effort to preserve public housing will be to ensure that campus-wide infrastructure serving residential buildings across each Hurricane Sandy damaged development is replaced in a manner that reduces the risk of repetitive damages from future storms. For facilities to be compliant with current building code requirements, a broad combination of flood mitigation measures will be employed that protect housing units, operations and maintenance facilities, as well as a variety of administrative and community service areas. These measures include raising new boiler equipment and electrical control rooms above the design flood elevation (DFE). Additional 'flood-hardening' approaches include the use of floodwalls, gates, doors, panels, and storm-resistant windows. Watertight and weather-resistant equipment enclosures as well as protective coating treatments are also being considered to achieve cost-efficient mitigation.

A variety of resiliency measures have been funded by FEMA as part of NYCHA's permanent storm recovery. Foremost among these will provide the Authority with the ability to continue serving residents if equipment were to fail or critical services were to be interrupted. The provision of standby power generators for all buildings located in storm-damaged public housing developments is a good example of these measures. Additional building enhancements for resiliency do not necessarily protect existing equipment but instead reduce facility dependence on the regional power grid, as well as operational costs. These may include the use of combined heat and power plants using a variety of energy sources, or the re-cladding of facades that better weatherproof certain buildings. All of these elements of work are not eligible for insurance reimbursement but might be eligible for FEMA funding. CDBG-DR allocations under this element of the program will be assigned to cover the required local match associated with FEMA funding, as well as resiliency measures not funded by FEMA.

Projects currently identified for CDBG-DR resiliency funding include the following:

- Installation and monthly rental costs for temporary mobile boilers at seven (7) of NYCHA's developments located throughout Coney Island. As a result of Hurricane Sandy, multiple developments were left without electricity, heat, and hot water due to flooding. In order to provide the essential services to its residents, the Authority secured emergency contracts for the developments affected by Hurricane Sandy. CDBG-DR will be used to fund a portion of costs associated with the provision of these services. Implementation of basic mitigation measures for vulnerable buildings located in the updated flood zones: Among these initiatives, NYCHA is considering the provision of new boilers in enclosed, elevated structures, the elevation of other mechanical and electrical equipment above the floodplain, and/or the installation of pumps along with floodgates and panels to otherwise flood proof critical building systems.
- Façade Improvements: More than 400 NYCHA buildings at 97 developments in all five boroughs sustained moderate damage, mostly due to wind damage to roofs and building facades. Pending available funding, NYCHA will evaluate advanced approaches to improve building façades using Exterior Insulation and Finish System (EIFS), the installation of prefabricated rain screens or other façade treatments to vulnerable buildings, where appropriate. Such façade systems are expected to further preserve the building envelope and prevent water intrusion. Added benefits may include thermal efficiency, increase in property value, and presenting buildings to the insurance marketplace in better light.

- Roof replacements to include insulation and structural improvements: At buildings targeted for boiler replacement, new electrical service and rooftop installation of standby power generators, roof replacement may be the preferred option to roof repair. NYCHA anticipates significant thermal efficiencies could be achieved especially where structural improvements are already required to support rooftop installation of standby power generators.
- Replacement of windows that include insulation and impact resistant treatments: Residential buildings targeted for boiler replacement and new electrical service would be considered appropriate for window improvements if significant thermal efficiencies could be gained.
- Restoration of grounds within the development campus that are disturbed either as a result of the storm or construction associated with storm repairs or implementation of mitigation measures. These restoration efforts include replacement of trees, bushes, plantings and other landscaping

**ELIGIBILITY CRITERIA:** With a wide variety of building types in all five boroughs and a program with multiple priorities, the threshold and other criteria for determining eligible developments may vary slightly. Despite FEMA’s designation of damaged buildings, NYCHA developments affected by Hurricane Sandy are campus-like facilities located within the updated flood zones, their connected buildings are vulnerable to future flooding or other weather extremes, and are therefore eligible to be targeted with funds for mitigation and resiliency-strengthening work elements.

**HUD ELIGIBILITY CATEGORY:** Rehabilitation/Reconstruction of Residential Structures (24 CFR 570.202), Public Services (24 CFR 570.201(e)), Public Facilities and Improvements (24 CFR 570.201(c))

**NATIONAL OBJECTIVE:** The Public Housing Rehabilitation and Resiliency program will meet the Low- and Moderate-Income Housing (LMH) or the Low-Moderate Income Limited Clientele (LMC) National Objectives.

**CDBG-DR ALLOCATION:** \$317,000,000

Note: This amount includes the NYCHA Workforce Development program described below.

**PROJECTED ACCOMPLISHMENTS:** The program is expected to directly benefit approximately 20,600 housing units and 53,000 low income residents of NYCHA public housing, dependent upon the availability of funds.

**PERFORMANCE SCHEDULE:** NYCHA continues to move forward with design, environmental review, and procurement associated with its FEMA 428 program. All developments have completed the design phase. All of NYCHA’s developments in the 428 program have been bid and awarded contracts, and all are in construction. As of the publication of Action Plan Amendment 22 in June 2021, 7 of NYCHA’s 35 developments are substantially complete and 28 developments are under construction. The 8 developments receiving CDBGDR funds for construction are part of the 28 developments under construction. As of June 2021, NYCHA has received \$265.2 million for CDBG-DR reimbursement associated with its Sandy Recovery efforts. NYCHA has spent approximately \$2.71 billion across Emergency Work, Design, Construction, and Other Sandy-related costs. The majority of NYCHA’s emergency response work has been completed; however, some activities such as maintenance of temporary boilers as well as emergency, electrical, and mechanical repairs are ongoing.

As NYCHA continues to progress these complex large-scale infrastructure projects, many elements are complete or installed, including 189 roofs, 1006 CCTV cameras, 1,536 exterior lights, 139 emergency generators placed (of which 46 are operational) 160 hot water heaters, 56 new boilers set in place, including three developments with fully operational new boiler systems, 71 doors with new security systems.

Additionally, 35 new elevated buildings to house critical equipment have been erected with another 75 new buildings in progress. The majority of NYCHA’s emergency response work has been completed; however, some activities such as maintenance of temporary boilers as well as emergency, electrical, and mechanical repairs are ongoing. Lower East Side V permanent repair and mitigation rehabilitation is substantially

complete and entering the closeout phase. The scope of work associated with additional buildings in NYCHA's portfolio that have been deemed "lesser damaged" and are not part of the 428 program is still in development.

## Business-- \$90.88M

**Changes to the Business programs can be found starting on page 66 of the Action Plan.**

### Remaining Unmet Economic Needs

"Using a combination of insured loss estimates from multiple insurance and risk management companies and estimates of past storm ratios of insured-to-uninsured losses, initial cost estimates following Hurricane Sandy placed private direct losses, both commercial and residential, at \$8.6 billion, \$3.8 billion of which was insured and \$4.8 billion of which was uninsured. Internal analysis based on industry sources estimated the commercial share of private uninsured losses to range from 40 to 50 percent or from \$1.9 to \$2.4 billion. While NYCEDC and SBS acted quickly to make capital available to impacted businesses immediately following the storm, these estimates, combined with the strong demand for the City's emergency loan and grant program indicated that there was significant unmet commercial need, especially amongst the significant amount of business owners, SMEs, and industrial companies that lacked business continuity or flood insurance to help weather the storm."

#### Business PREP (Preparedness and Resiliency Program):

"During Hurricane Sandy, approximately 23,400 businesses were located in the inundation area, many in areas that were outside FEMA's 100-year flood zone. With greater winds and more rain, Sandy could have had an even more serious impact on the areas of Staten Island, Southern Brooklyn, and South Queens that experienced the most devastation during the storm. Furthermore, according to the Special Initiative for Resiliency and Recovery, had Hurricane Sandy arrived at a slightly different time, it likely would have had significant effects on New York's northernmost neighborhoods, damaging small businesses in Hunts Point and many other vulnerable businesses in surrounding areas that were able to avoid damages during Sandy. Sea level rise will further expand vulnerable areas, and unchecked storm surges in the future could cause damage equal to or greater than Hurricane Sandy.

The revised FEMA Preliminary Flood Insurance Rate Maps (FIRMs) have nearly doubled the number of buildings and increased the number of businesses located in the 100-year flood zone. If protective measures are not taken, approximately 71,500 buildings, 15,000 businesses, and 291,000 jobs will be at an increased risk from future climate events.

Much of the Sandy-related damage to businesses was non-structural in nature, and instead, was largely due to the flooding of building systems, equipment and inventory. The City's outreach to businesses and stakeholders, however, revealed that the majority of small businesses have implemented few, if any, flood mitigation measures and/or business continuity and recovery planning following Hurricane Sandy.

In order to ensure that businesses throughout New York City are better prepared for future severe weather events, this program will use CDBG-DR funds to assist businesses in enhancing the resiliency of their operations, assets, and physical space. The program is expected to provide the following activities:

- One-on-one site visits to businesses for resiliency assessments. Qualified consultants will assess the physical infrastructure, business operations, and insurance coverage of participating small businesses and provide a report outlining the businesses' risks, detailed recommendations for risk mitigation and resiliency measures, and recommended items or equipment eligible for purchase under the terms of the associated grant program.

- SBS will provide a grant to eligible small businesses to complement the on-site risk assessments. The grants must be used to purchase specific resiliency-related items or equipment based on recommendations from the resiliency assessment.
- SBS will design and develop online resiliency resources for disaster preparedness and business continuity planning.
- SBS will provide neighborhood-based workshops and webinars on operational resiliency and emergency preparedness. For information about upcoming workshops, please visit: [nyc.gov/businessprep](http://nyc.gov/businessprep).”

**HUD ELIGIBILITY CATEGORY:** Special Economic Development Activities (24 CFR 570.203); Public Services (24 CFR 570.201(e))

**NATIONAL OBJECTIVE:** Urgent Need; Low to Moderate - Income Area; and Low- and Moderate Income Limited Clientele (Microenterprise)

**CDBG-DR ALLOCATION:** \$2,884,968

**PROJECTED ACCOMPLISHMENTS:** The City expects to directly assist approximately 1300 businesses through workshops and an additional 560 businesses through the assessment and grant component.

**PROGRAM ADMINISTRATION:** This program will be administered by the City’s Department of Small Business Services (SBS). SBS will procure technical expertise to conduct program activities as needed.

**ELIGIBLE APPLICANTS/PROPERTIES:** Workshops/webinars and online resources are available to small businesses operating within the City. Eligible businesses that can demonstrate impact as a result of Hurricane Sandy will be eligible for one-on-one assessments and grants.

**ELIGIBILITY CRITERIA:** The program will benefit businesses located in the City-wide federally declared Disaster Area by bolstering their preparation for future disasters.

**GRANT/LOAN SIZE LIMIT:** Eligible small businesses that participate in the on-site assessments may qualify for grants up to \$3,000 to implement specific preparedness-related recommendations.

**PROGRAM PRIORITIES:** The program will provide services to eligible applicants on a first-come, first-served basis with priority for one-on-one resiliency assessments and workshops given to high-risk businesses that sustained direct physical damage as a result of Hurricane Sandy, were located in the inundation area of the storm, are located within FEMA’s revised 100-year floodplain, and/or are located within the City’s Hurricane Evacuation zone. Priority will also be given to businesses that demonstrate a benefit to low and moderate-income populations.

The workshops will primarily be held in neighborhoods that faced the most extensive damage during Hurricane Sandy.

**GEOGRAPHIC AREA(S) TO BE SERVED:** The one-on-one site visits will be targeted to businesses that sustained direct physical damage from Sandy, were located in the inundation area of the storm, or are within FEMA’s revised 100-year floodplain, and/or are located within the City’s Hurricane Evacuation zone. The workshop and resiliency assessment tool will be made available to businesses citywide.

The City reserves the right to target outreach by geography as necessary to address imbalances and incongruities in service delivery or other program components.

**PROGRAM START AND END DATES:** Key program milestones and timing:

- Announced program launch (Q4 2015)
- Launched business continuity planning workshop series (Q4 2015)
- Launch assessment and grant program (Q4 2016)

- Award first grants (Q3 2017)
- Procure vendor to conduct research for design of online resources (Q4 2017)
- Procure vendors to develop online resources based on research (Q3 2020)
- Complete online resources (Q2 2021)

## Infrastructure and Other City Services (IOCS)-- \$404.04M

**Changes to the Infrastructure and Other City Services (IOCS) can be found starting on page 77 of the Action Plan.**

For the purposes of this Action Plan, IOCS is broken into two sections: 1) **Other City Services** is comprised of Public Services, Debris Removal/Clearance, and Interim Assistance activities; and 2) **Infrastructure** is comprised of Rehabilitation/Reconstruction of Public Facilities. Please note that previously planned IOCS projects no longer being funded by CDBG-DR (as of Amendment 12) are listed in Appendix I.

As permitted in the March 5, 2013 Federal Register, much of the CDBG-DR funds for IOCS are being used to fund the required non-federal share ("local match") of FEMA Public Assistance disaster grants and other federal grants. These Infrastructure and Other City Services programs include:

- \$223.07 million for public service activities that assisted the public during and after the storm
- \$6.7 million for debris removal and clearance
- \$77.187 million for the rehabilitation and reconstruction of public facilities
- \$97.1 million for interim assistance associated with the Rapid Repair Program.

### Other City Services - Public Services

**PROGRAM OBJECTIVE AND DESCRIPTION:** Public Services activity includes: H+H Operational Readiness, DPR Emergency Protective Measures, FDNY Emergency Protective Measures, HRA Disaster Assistance Services Centers, and NYPD Overtime.

The City mobilized its vast workforce to provide various public services before, during, and following Hurricane Sandy to protect communities and to provide for the health, safety, and welfare of City residents. Detailed below are the services for which CDBG-DR funds will be used to leverage other federal funding sources, primarily FEMA Public Assistance.

Some of these costs were incurred prior to the preparation of the City's original Action Plan approved by HUD in May 2013. Although the City incurred significant costs to prepare for the storm, the City will only use CDBG-DR funds to reimburse costs incurred from the date of the storm in accordance with the CDBG-DR rules. The City will ensure that all CDBG-DR reimbursements for such activities are consistent with the requirement of HUD's March 5, 2013 Notice, with regard to pre-award requirements. The City is subject to the provisions of 24 CFR 570.200(h) but may reimburse itself or its subrecipients for otherwise allowable costs incurred on or after the incident date of the covered disaster.

To provide for the immediate protection of health and safety for communities endangered by the storm surge, high winds, damaged infrastructure, and debris-clogged transportation systems, emergency services included, but were not limited to, activities from the following City agencies:

**Public Services - NYC Health + Hospitals (H+H) [formerly Health and Hospitals Corporation (HHC)]:**

H+H is a public benefit not-for-profit corporation controlled by the City of New York that primarily serves low-income residents. H+H provided healthcare services to the public during and after the storm and incurred expenses in three areas: (1) the provision of new services to alleviate emergency conditions in impacted communities, (2) restoring facilities serving low- to moderate-income patients to their full operational capacity, and (3) hastening service readiness to more quickly serve vulnerable populations. A total of \$204 million of currently available CDBG-DR funds is allocated towards the Public Services provided by H+H. Of this \$204 million, \$202 million of CDBG-DR funds have been reimbursed to the City for this activity.

**Public Services - Department of Parks and Recreation (DPR):** “Safe Up, Clean Up”: The City’s beaches, including Rockaway Beach in Queens, Coney Island in Brooklyn, and the beaches of Staten Island, suffered heavy damage from Hurricane Sandy. Sand washed from the beach and was deposited across parks, playgrounds, into buildings and onto roads and other public right of ways. Water and floating debris washed away portions of the boardwalk, features of parks and buildings, sidewalks and asphalt areas, leaving behind debris and creating hazardous and unsafe conditions. The City drew down for emergency “Safe Up, Clean Up” work performed by DPR.

A total of \$0.9 million of currently available CDBG-DR funds is allocated towards the Public Services activity provided by DPR.

**Public Services - Fire Department of New York (FDNY):** The Fire Department doubled staffing levels for FDNY and EMS at the 911 Dispatch Center to handle the surge in 911 calls, as well as the Department’s Operations Center. EMS staffed all operational ambulances and EMS conditions cars (used by EMS officers), which, in addition to responding to emergencies, assisted with the evacuation of NYU Langone Medical Center.

During the storm, fire companies added a fifth firefighter to 40 engine companies in Zone A, activated the Fire Incident Management Team, deployed all seven brush-fire units to assist EMS response in Zone A, and deployed eight swift-water rescue boat teams throughout the City. Despite deploying an additional 500 firefighters, the number of units available to respond to emergencies dropped from the average level of 90 percent to 9 percent. There were a total of 94 fires the night of Hurricane Sandy; the most devastating in Breezy Point destroyed 126 homes and damaged 22 more.

A total of \$1.4 million of currently available CDBG-DR funds is allocated towards the Public Services activity provided by FDNY.

**Public Services - Human Resources Administration (HRA):** In response to the Hurricane, New York City opened Disaster Assistance Service Centers (DASCs), later converted to Restoration Centers, in the areas most affected by Hurricane Sandy. The multiservice DASCs/Restoration Centers were established to administer critical information and resources to individuals, families, and businesses devastated by Sandy.

HRA oversaw several Disaster Assistance Centers, which provided a mix of services to impacted New Yorkers, including the distribution of food and emergency commodities, and information. Additional Emergency Protective Measures conducted by HRA include the management of emergency/mass feeding program, emergency supplies and materials, security services for HRA personnel and locations, janitorial services, and fuel tank rental for temporary generators.

A total of \$1 million of currently available CDBG-DR funds is allocated towards the Public Services activity provided by HRA. **Public Services - New York City Police Department (NYPD):** The NYPD’s citywide uniform and civilian deployment levels significantly increased by extending daily tours of duty from eight to twelve hours per day. The NYPD provided increased deployments to all five boroughs of New York City with larger deployments concentrated in Lower Manhattan and the shore areas of Brooklyn, Staten Island, and Queens.

Uniform and civilian personnel coordinated and performed all types of rescue and security operations in areas that were affected to save lives and property prior to, during, and after the storm. A total of \$17.4 million of currently available CDBG-DR funds is allocated towards the Public Services activity provided by NYPD.

**HUD ELIGIBILITY CATEGORY:** Public Services (24 CFR 570.201(e))

**NATIONAL OBJECTIVE:** Low- and Moderate-Income Area; and Urgent Need

**CDBG-DR ALLOCATION:** \$223,072,631

**PROJECTED ACCOMPLISHMENTS:** 8.2 million persons served with various service areas throughout the City benefited.

**PROGRAM ADMINISTRATION:** NYC Health and Hospitals, Department of Citywide Administrative Services, Department of Parks and Recreation, Fire Department, Human Resources Administration, New York City Police Department, NYC Economic Development Corporation

**ELIGIBLE APPLICANTS/PROPERTIES:** All members of the public impacted by Hurricane Sandy.

**PROGRAM PRIORITIES:** To provide for the health, safety, and welfare of City residents.

**GEOGRAPHIC AREA TO BE SERVED:** Citywide

**PROGRAM START AND END DATES:** October 29, 2012 – June 30, 2016

**OTHER FUNDING SOURCES:** FEMA Public Assistance

**15 PERCENT PUBLIC SERVICES CAP:** The estimated Public Services IOCS activity of \$223.1 million, the Housing program activities of Build It Back Workforce Development activity of \$2.5 million, the workforce development activities of NYCHA of \$1.4 million under Housing, and a maximum \$3 million for Business PREP under Business will account for 5.5 percent of the total \$4.2 billion in grant funds, well under the 15 percent cap.

## Infrastructure - Rehabilitation/Reconstruction of Public Facilities

**HUD ELIGIBILITY CATEGORY:** Rehabilitation/Reconstruction of Public Facilities and/or Improvements (24 CFR 570.201(c));

**NATIONAL OBJECTIVE:** Low- and Moderate-Income Limited Clientele; Low- and Moderate-Income Area; Urgent Need

**CDBG-DR ALLOCATION:** \$77,187,274

**PROJECTED ACCOMPLISHMENTS:** CDBG-DR funding will provide local match to projects that will result in the following accomplishments:

- Reconstruction of the 5.5 mile Rockaway Boardwalk between Beach 9th and Beach 126th Street;
- Construction of infrastructure and resiliency improvements to Coney Island Hospital;
- Replacement of two custom New York City Fire Department vehicles;
- Repairs to 8 FDNY facilities and firehouses throughout the City;

**PROGRAM ADMINISTRATION:** NYC Health and Hospitals; Department of Parks and Recreation; City Council; Department of Design and Construction; Department of Environmental Protection; Economic Development Corporation; Fire Department of New York; Mayor's Office; Office of Emergency Management; Housing Recovery Office; and the Office of Resiliency;



**PROGRAM PRIORITIES:** Public facilities and infrastructure projects have been prioritized both for the speed with which funds can be expended as well as for their direct benefit to low- and moderate-income clientele.

**GEOGRAPHIC AREA TO BE SERVED:** Citywide

**PROGRAM START AND END DATES:** October 31, 2012–September 20th, 2022.

**OTHER FUNDING SOURCES:** FEMA Public Assistance, FEMA 404 HMGP, 428 Public Assistance Alternative Procedures (PAAP), USACE (some beach replenishment)

Resiliency—\$423.51M

**Changes to the Resiliency can be found starting on page 135 of the Action Plan.**

### Raise Shorelines:

**PROGRAM OBJECTIVE AND DESCRIPTION:** After citywide damage due to Hurricane Sandy, the NYC Special Initiative for Rebuilding and Resiliency released “A Stronger, More Resilient New York” plan (SIRR Report), which contains actionable recommendations both for rebuilding the communities impacted by Sandy and increasing the resilience of infrastructure and buildings citywide.

Based on the SIRR Report, the Raise Shorelines program aims to protect neighborhoods and infrastructure that were adversely impacted by Sandy by strengthening coastal protection measures. The baseline goal of this project is to study, design, and construct infrastructure and shoreline improvements to prevent the effects of sea level rise at the 2050 water level at select locations across the city. These measures include, but are not limited to, the construction or reconstruction of revetments, bulkheads, crown walls, sea walls, tide gates at municipal outfalls, berms, elevated roadways, modification of roadway drainage, and stormwater retention areas. These efforts will also protect other publicly funded repair (including CDBG-DR and FEMA Public Assistance), restoration, and improvement efforts, which will ensure the long-term viability of those investments.

Under the Raise Shorelines program, approximately \$10.75 million in CDBG-DR funding will be used for design and permitting for coastal protection measures in low-lying neighborhoods throughout the City, including a number of low- and moderate-income communities impacted by Hurricane Sandy, to minimize inland tidal flooding. CDBG-DR funding will be used for design and permitting only. The City will report accomplishments once the first shoreline improvements are completed. The first completions are anticipated to occur in the first quarter of 2023.

Approximately \$10.75 million in CDBG-DR funding will be used to facilitate the implementation of coastal protection measures in low-lying neighborhoods throughout the City, including a number of low- and moderate-income communities impacted by Hurricane Sandy, to minimize inland tidal flooding. City capital funding of \$102 million will be used to install coastal protection measures in areas where Sandy’s water damage caused significant physical damage and left neighborhoods exposed to additional flooding.

**CDBG-DR ALLOCATION:** \$10,750,000

**HUD ELIGIBILITY CATEGORY:** Planning and Administration (24 CFR 570.205 & 570.206)

**NATIONAL OBJECTIVE:** Urgent Need, Low- and Moderate-Income Area Benefit, Low-Moderate Income Buyout

**PROJECTED ACCOMPLISHMENTS:** Reduced risk of coastal wave action, erosion, and flooding in targeted neighborhoods.

**PROGRAM ADMINISTRATION:** Mayor’s Office of Recovery and Resiliency, New York City Economic Development Corporation

**PROGRAM PRIORITIES:** Sites subject to wave action, erosion, and flooding—particularly in areas with large low and moderate-income populations. Efficient and cost-effective flood protection that does not disrupt the urban environment.

**GEOGRAPHIC AREA TO BE SERVED:** Impacted communities within the 100-year floodplain and critical infrastructure assets affected by Sandy’s impact.

**PROGRAM START AND END DATES:** Various sites are in various stages of design

## Resiliency Property Purchase Program

**CDBG-DR ALLOCATION:** \$5,800,000

**HUD ELIGIBILITY CATEGORY:** Clearance and Remediation Activities (24 CFR 570.201(d)) and Acquisition of Real Property (Buyout of Residential Properties or Redevelopment of Acquired Properties) (3/5/13 HUD CPD Notice, 78 FR 14345, 31 and 78 FR 32262).

**NATIONAL OBJECTIVE:** The City will purchase properties under the Urgent Need, Low/Moderate Income Buyout, or Slum and Blight National Objectives. The properties that will be purchased demonstrate an urgent need as they are located within a Presidentially-declared disaster zone and properties that are being purchased will be utilized to mitigate flood risks and increase the resiliency of the City of New York to future flood events consistent with the requirements stated in 78 FR 32262.

**PROJECTED ACCOMPLISHMENTS:** The City plans to purchase up to 40 properties to support mitigation and resiliency projects throughout the City.

**PERFORMANCE SCHEDULE:** The City’s schedule is as follows:

- Initiation of the Resiliency Property Purchase Program: Winter 2018
- Preliminary Identification of Properties: Winter 2018
- Initiation of Offers: Spring 2018
- Completion of Purchases: Winter 2021
- Completion of Disposition: Fall 2021

## Covered Project: HMGP-Breezy Point Risk Mitigation System

The Breezy Point Risk Mitigation Project is a critical part of barrier island protection for both the Breezy Point and Roxbury communities and the Jamaica Bay watershed and floodplain. The proposed project consists of new protective measures on the bayside and tie-ins to an existing dune system on the beach-side. Protection of the bayside of Breezy Point will be accomplished by creating a complementary series of bayside flood and erosion protection devices. These devices will be applied on a reach by reach basis along the bayside shoreline by applying engineering standards and practices to the underlying geological setting and observed flooding parameters to develop a consistent and coherent flood protection system.

The cost of the project is estimated at \$58.2 million and is expected to mitigate damages, such as those incurred by Sandy (Sandy damages amounted to over \$400 million). Breezy Point Risk Mitigation System funding and included FEMA Hazard Mitigation Grant Program funding.

FEMA approved \$1.2 million for Phase 1 and \$3.86 million for Phase 1B. Phase 1 and Phase 1B both carry a 25% local match requirement, which the City intends to cover with CDBG-DR.

Phase 2 of this project is estimated to be \$53.1 million and carries a 25% local match requirement, which the City intends to cover with CDBG-DR.

However, because New York City and the Breezy Point Cooperative, the owner of the property on which the Breezy Point Risk Mitigation Project will be constructed, were not able to come to an agreement regarding the incorporation of public access into the Project design, and therefore the Breezy Point Risk Mitigation Project cannot fulfil requirements set forth in Policy 8 of the City's Waterfront Revitalization Program, FEMA has determined that the Breezy Point Risk Mitigation Systems project does not meet eligibility criteria for Phase II funding under the Hazard Mitigation Grant Program (HMGP). The Breezy Point Cooperative has conveyed an intention to construct the Breezy Point Risk Mitigation Project without public funding, and the City has conveyed project designs to the Breezy Point Cooperative for this purpose.

**CDBG-DR ALLOCATION:** \$996,667

**HUD ELIGIBILITY CATEGORY:** Housing Rehabilitation and Preservation, per waiver in August 25, 2015 Federal Register Notice (80 FR 51589)

**PROJECTED ACCOMPLISHMENTS:** Coastal protection features anticipated to span an estimated 16,650 linear feet around the Breezy Point community.

**NATIONAL OBJECTIVE:** Urgent Need, Low to Moderate Income Buyout.

## Planning and Administration—\$293.271M

**Changes to the Planning and Administration chapter begin on page 151 of the Action Plan.**

### Administration:

This section provides an overview of Administration costs for the implementation of CDBG-DR programs. The City received funding extensions from HUD through September 2022. Accordingly, the City has reallocated funding to this category to cover the costs associated with administering the corresponding programs that received the timeline extension, particularly associated with the Rebuild by Design projects of Hunts Point and Eastside Coastal Resiliency. Without this reallocation, the City would be responsible for funding these administrative costs.

**PROGRAM OBJECTIVE AND DESCRIPTION:** This function provides administrative and support services for the management and citizen participation necessary to formulate, implement, and evaluate the City's CDBG-DR Program. These activities have already included and will include in the future:

- Ensuring citizen participation (including publication of public notices).
- Preparation of the required CDBG-DR quarterly reports.
- Maintenance of the CDBG-DR website.

- Maintenance and development of portions of a Sandy funding reporting website covered under Local Law 140 of 2013.
- Monitoring of the expenditures for CDBG-DR programs.
- Monitoring of subrecipients, contractors, and City agencies.
- Delineation of population groups served by CDBG-DR programs.
- Liaison function with HUD, FEMA, and other Federal departments.
- Certification and maintenance of the necessary records that demonstrate that Federal requirements for environmental review, fair housing, relocation, labor standards, equal opportunity, and citizen participation are met.

Furthermore, Administration funds will be used to cover eligible costs associated with the administration of particular Program activities, such as Housing and Business recovery, and Coastal Resiliency.

**HUD ELIGIBILITY CATEGORY:** Administration (24 CFR 570.206).

**NATIONAL OBJECTIVE:** There is no HUD national objective for Administration activities.

**CDBG-DR ALLOCATION:** \$204,778,224

**ADMINISTRATION RESPONSIBILITIES:** The Mayor's Office of Housing Recovery Operations; Department of Housing Preservation and Development; the New York City Housing Authority; Department of Small Business Services; the NYC Economic Development Corporation; Department of City Planning; Department of Design and Construction; the Mayor's Office of Recovery and Resiliency; Office of Management and Budget; the Mayor's Office, and other central staff.

**PROGRAM START AND END DATES:** The total Administration funding will be for the duration of the entire CDBG-DR grant

Appendix J: Projected Expenditures and Outcomes

**Projections of CDBG-DR Expenditures and Actual CDBG-DR Expenditures to Date for Coastal Resiliency Programs**  
(Updated July 2021)

Coastal Resiliency Programs	Calendar Year 2013			Calendar Year 2014				Calendar Year 2015				Calendar Year 2016				Calendar Year 2017			
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Projected Disbursements by Quarter</b>	-	-	-	-	-	-	-	-	-	9.10	1.75	1.81	1.08	7.61	7.69	5.67	2.51	2.37	1.06
Raise Shorelines	-	-	-	-	-	-	-	-	-	0.38	0.49	-	-	-	0.24	0.13	0.05	-	-
Staten Island University Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Side Coastal Resiliency	-	-	-	-	-	-	-	-	-	8.72	1.26	1.81	1.08	7.61	7.45	4.24	1.22	2.14	0.78
Hunts Point Resiliency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.30	1.10	-	0.28
Breezy Point Risk Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheepshead Bay Courts Infrastructure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	0.23	0.01
Resiliency Property Purchase Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Projected Cumulative Disbursements</b>	-	-	-	-	-	-	-	-	-	9.10	10.84	12.65	13.74	21.34	29.03	34.70	37.21	39.59	40.65
Raise Shorelines	-	-	-	-	-	-	-	-	-	0.38	0.87	0.87	0.87	0.87	1.11	1.24	1.29	1.29	1.29
Staten Island University Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Side Coastal Resiliency	-	-	-	-	-	-	-	-	-	8.72	9.98	11.79	12.87	20.48	27.92	32.16	33.38	35.52	36.30
Hunts Point Resiliency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.30	2.40	2.40	2.68
Breezy Point Risk Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheepshead Bay Courts Infrastructure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	0.38	0.39
Resiliency Property Purchase Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Actual Quarterly Disbursements (from QPRs)</b>	-	-	-	-	-	-	-	-	-	-	9.10	1.75	1.81	1.08	7.61	7.69	5.67	2.51	2.37
Raise Shorelines	-	-	-	-	-	-	-	-	-	-	0.38	0.49	-	-	-	0.24	0.13	0.05	-
Staten Island University Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Side Coastal Resiliency	-	-	-	-	-	-	-	-	-	-	8.72	1.26	1.81	1.08	7.61	7.45	4.24	1.22	2.14
Hunts Point Resiliency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.30	1.10	-
Breezy Point Risk Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheepshead Bay Courts Infrastructure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	0.23
Resiliency Property Purchase Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Actual Cumulative Disbursements</b>	-	-	-	-	-	-	-	-	-	-	9.10	10.84	12.65	13.74	21.34	29.03	34.70	37.07	39.21
Raise Shorelines	-	-	-	-	-	-	-	-	-	-	0.38	0.87	0.87	0.87	0.87	1.11	1.24	1.29	1.29
Staten Island University Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Side Coastal Resiliency	-	-	-	-	-	-	-	-	-	-	8.72	9.98	11.79	12.87	20.48	27.92	32.16	33.38	35.52
Hunts Point Resiliency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.30	2.40	2.40
Breezy Point Risk Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheepshead Bay Courts Infrastructure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	0.38
Resiliency Property Purchase Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(All \$ amounts in Millions)

*Note: this chart reflects expenditures as defined by HUD. Projections show the estimated date of City reimbursement of CDBG-DR funds, not the date of service delivery. Thus, service deliveries may occur much earlier than the dates associated with the projected expenditures in these charts.*

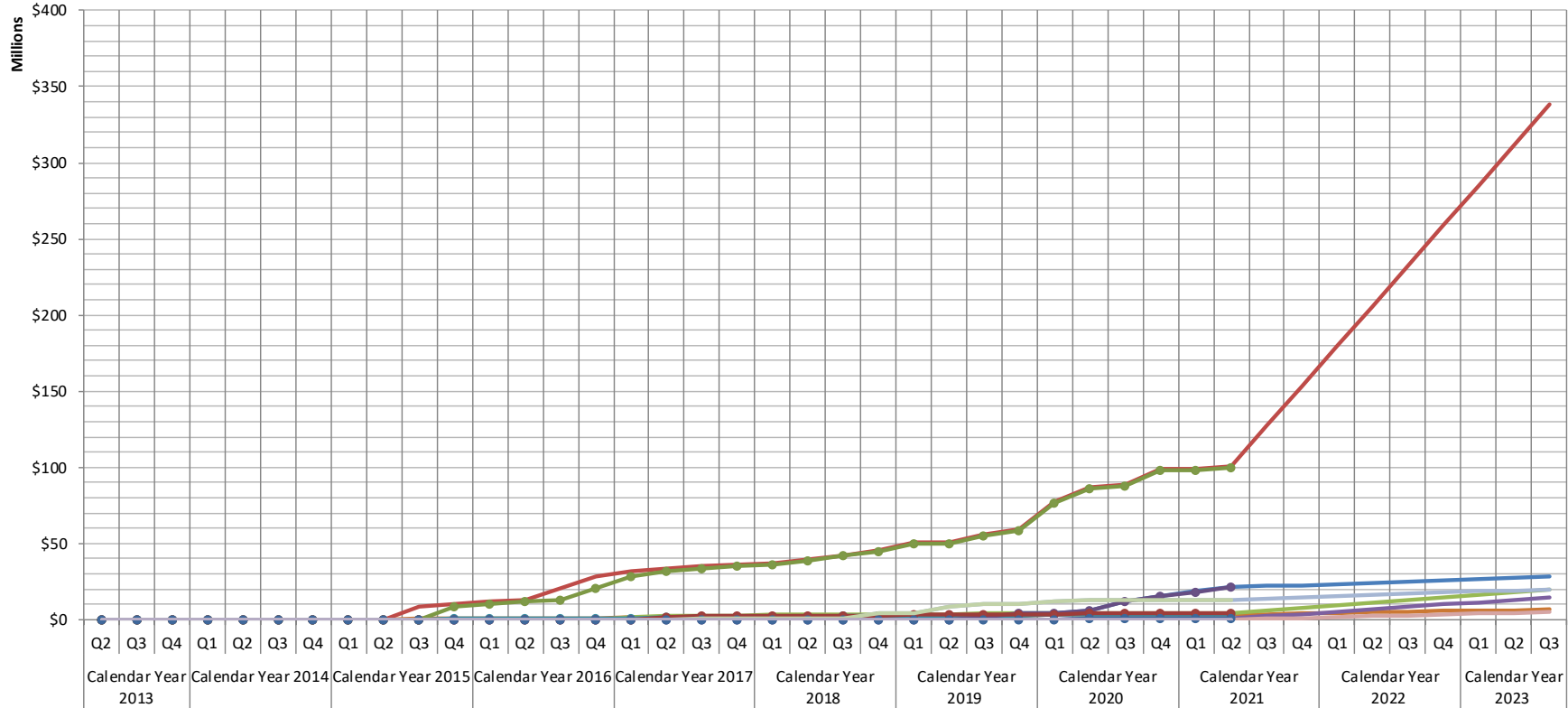
	Calendar Year 2018				Calendar Year 2019				Calendar Year 2020				Calendar Year 2021				Calendar Year 2022			
Coastal Resiliency Programs	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Projected Disbursements by Quarter</b>	1.06	2.45	4.17	7.15	6.14	5.30	7.15	6.99	20.31	12.48	7.06	14.11	3.02	4.51	32.19	32.19	32.19	32.19	32.19	32.19
Raise Shorelines	-	0.06	1.00	-	0.06	-	-	0.45	0.30	-	-	-	-	-	0.39	0.39	0.39	0.39	0.39	0.39
Staten Island University Hospital	-	-	-	-	-	1.20	-	2.90	0.47	1.67	5.52	3.69	3.02	2.67	0.76	0.76	0.76	0.76	0.76	0.76
East Side Coastal Resiliency	0.78	2.23	3.16	3.15	5.29	-	4.86	3.64	17.66	9.95	1.47	10.30	-	1.84	26.37	26.37	26.37	26.37	26.37	26.37
Hunts Point Resiliency	0.28	0.16	-	-	0.50	-	0.30	-	-	0.19	0.05	-	-	-	1.76	1.76	1.76	1.76	1.76	1.76
Breezy Point Risk Mitigation	-	-	-	-	0.29	-	-	0.01	-	0.19	-	-	-	-	1.56	1.56	1.56	1.56	1.56	1.56
Sheepshead Bay Courts Infrastructure	0.01	-	-	3.99	-	4.10	1.98	-	1.88	0.49	0.03	0.11	-	-	0.78	0.78	0.78	0.78	0.78	0.78
Resiliency Property Purchase Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.56	0.56	0.56	0.56	0.56	0.56
<b>Projected Cumulative Disbursements</b>	41.71	44.16	48.33	55.47	61.61	66.92	74.06	81.06	101.37	113.85	120.91	135.02	138.04	142.55	174.73	206.92	239.11	271.30	303.49	335.67
Raise Shorelines	1.29	1.34	2.35	2.35	2.41	2.41	2.41	2.86	3.16	3.16	3.16	3.16	3.16	3.16	3.55	3.94	4.34	4.73	5.13	5.52
Staten Island University Hospital	-	-	-	-	-	1.20	1.20	4.10	4.57	6.24	11.75	15.44	18.46	21.13	21.89	22.66	23.42	24.18	24.95	25.71
East Side Coastal Resiliency	37.07	39.30	42.46	45.62	50.91	50.91	55.77	59.41	77.07	87.02	88.48	98.79	98.79	100.63	127.00	153.38	179.75	206.13	232.50	258.88
Hunts Point Resiliency	2.95	3.12	3.12	3.12	3.62	3.62	3.92	3.92	3.92	4.11	4.16	4.16	4.16	4.16	5.92	7.68	9.44	11.20	12.96	14.72
Breezy Point Risk Mitigation	-	-	-	-	0.29	0.29	0.29	0.30	0.30	0.49	0.49	0.49	0.49	0.49	2.05	3.61	5.17	6.73	8.30	9.86
Sheepshead Bay Courts Infrastructure	0.40	0.40	0.40	4.39	4.39	8.49	10.47	10.47	12.35	12.84	12.87	12.98	12.98	12.98	13.76	14.54	15.32	16.10	16.88	17.66
Resiliency Property Purchase Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.56	1.11	1.67	2.22	2.78	3.33
<b>Actual Quarterly Disbursements (from QPRs)</b>	1.05	2.45	4.17	3.15	6.14	-	6.37	6.89	18.43	12.00	7.03	13.99	3.02	4.51	-	-	-	-	-	-
Raise Shorelines	-	0.06	1.00	-	0.06	-	-	0.45	0.30	-	-	-	-	-	-	-	-	-	-	-
Staten Island University Hospital	-	-	-	-	-	-	1.20	2.80	0.47	1.67	5.52	3.69	3.02	2.67	-	-	-	-	-	-
East Side Coastal Resiliency	0.78	2.23	3.16	3.15	5.29	-	4.86	3.64	17.66	9.95	1.47	10.30	-	1.84	-	-	-	-	-	-
Hunts Point Resiliency	0.28	0.16	-	-	0.50	-	0.30	-	-	0.19	0.05	-	-	-	-	-	-	-	-	-
Breezy Point Risk Mitigation	-	-	-	-	0.29	-	-	0.01	-	0.19	-	-	-	-	-	-	-	-	-	-
Sheepshead Bay Courts Infrastructure	0.01	-	-	3.99	-	4.10	1.98	-	1.88	0.49	0.03	0.11	-	-	-	-	-	-	-	-
Resiliency Property Purchase Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Actual Cumulative Disbursements</b>	40.26	42.71	46.88	50.03	56.17	56.17	62.54	69.43	87.86	99.86	106.89	120.88	123.90	128.41	-	-	-	-	-	-
Raise Shorelines	1.29	1.34	2.35	2.35	2.41	2.41	2.41	2.86	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16
Staten Island University Hospital	-	-	-	-	-	-	1.20	4.00	4.47	6.14	11.65	15.34	18.36	21.03	-	-	-	-	-	-
East Side Coastal Resiliency	36.30	38.52	41.69	44.84	50.13	50.13	55.00	58.63	76.30	86.24	87.71	98.01	98.01	99.85	-	-	-	-	-	-
Hunts Point Resiliency	2.68	2.84	2.84	2.84	3.34	3.34	3.64	3.64	3.64	3.83	3.88	3.88	3.88	3.88	-	-	-	-	-	-
Breezy Point Risk Mitigation	-	-	-	-	0.29	0.29	0.29	0.30	0.30	0.49	0.49	0.49	0.49	0.49	-	-	-	-	-	-
Sheepshead Bay Courts Infrastructure	0.39	0.39	0.39	4.38	4.38	8.48	10.46	10.46	12.34	12.83	12.86	12.97	12.97	12.97	-	-	-	-	-	-
Resiliency Property Purchase Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Coastal Resiliency Programs	Calendar Year 2023		
	Q1	Q2	Q3
<b>Projected Disbursements by Quarter</b>	32.19	32.19	32.19
Raise Shorelines	0.39	0.39	0.39
Staten Island University Hospital	0.76	0.76	0.76
East Side Coastal Resiliency	26.37	26.37	26.37
Hunts Point Resiliency	1.76	1.76	1.76
Breezy Point Risk Mitigation	1.56	1.56	1.56
Sheepshead Bay Courts Infrastructure	0.78	0.78	0.78
Resiliency Property Purchase Program	0.56	0.56	0.56
<b>Projected Cumulative Disbursements</b>	367.86	400.05	432.24
Raise Shorelines	5.91	6.31	6.70
Staten Island University Hospital	26.47	27.24	28.00
East Side Coastal Resiliency	285.25	311.63	338.00
Hunts Point Resiliency	16.48	18.24	20.00
Breezy Point Risk Mitigation	11.42	12.98	14.54
Sheepshead Bay Courts Infrastructure	18.44	19.22	20.00
Resiliency Property Purchase Program	3.89	4.44	5.00
<b>Actual Quarterly Disbursements (from QPRs)</b>	-	-	-
Raise Shorelines			
Staten Island University Hospital			
East Side Coastal Resiliency			
Hunts Point Resiliency			
Breezy Point Risk Mitigation			
Sheepshead Bay Courts Infrastructure			
Resiliency Property Purchase Program			
<b>Actual Cumulative Disbursements</b>	-	-	-
Raise Shorelines			
Staten Island University Hospital			
East Side Coastal Resiliency			
Hunts Point Resiliency			
Breezy Point Risk Mitigation			
Sheepshead Bay Courts Infrastructure			
Resiliency Property Purchase Program			



# City of New York Disaster Recovery Program

Coastal Resiliency Expenditure Projection and Actuals



- Raise Shorelines Projections
 — Staten Island University Hospital Projections
— East Side Coastal Resiliency Projections
— Hunts Point Resiliency Projections
- Breezy Point Risk Mitigation Projections
 — Sheepshead Bay Courts Infrastructure Projection
— Resiliency Property Purchase Program Projection
— Raise Shorelines Actuals
- Staten Island University Hospital Actuals
 — East Side Coastal Resiliency Actuals
— Hunts Point Resiliency Actuals
— Breezy Point Risk Mitigation Actuals
- Sheepshead Bay Courts Infrastructure Actuals
 — Resiliency Property Purchase Program Actuals

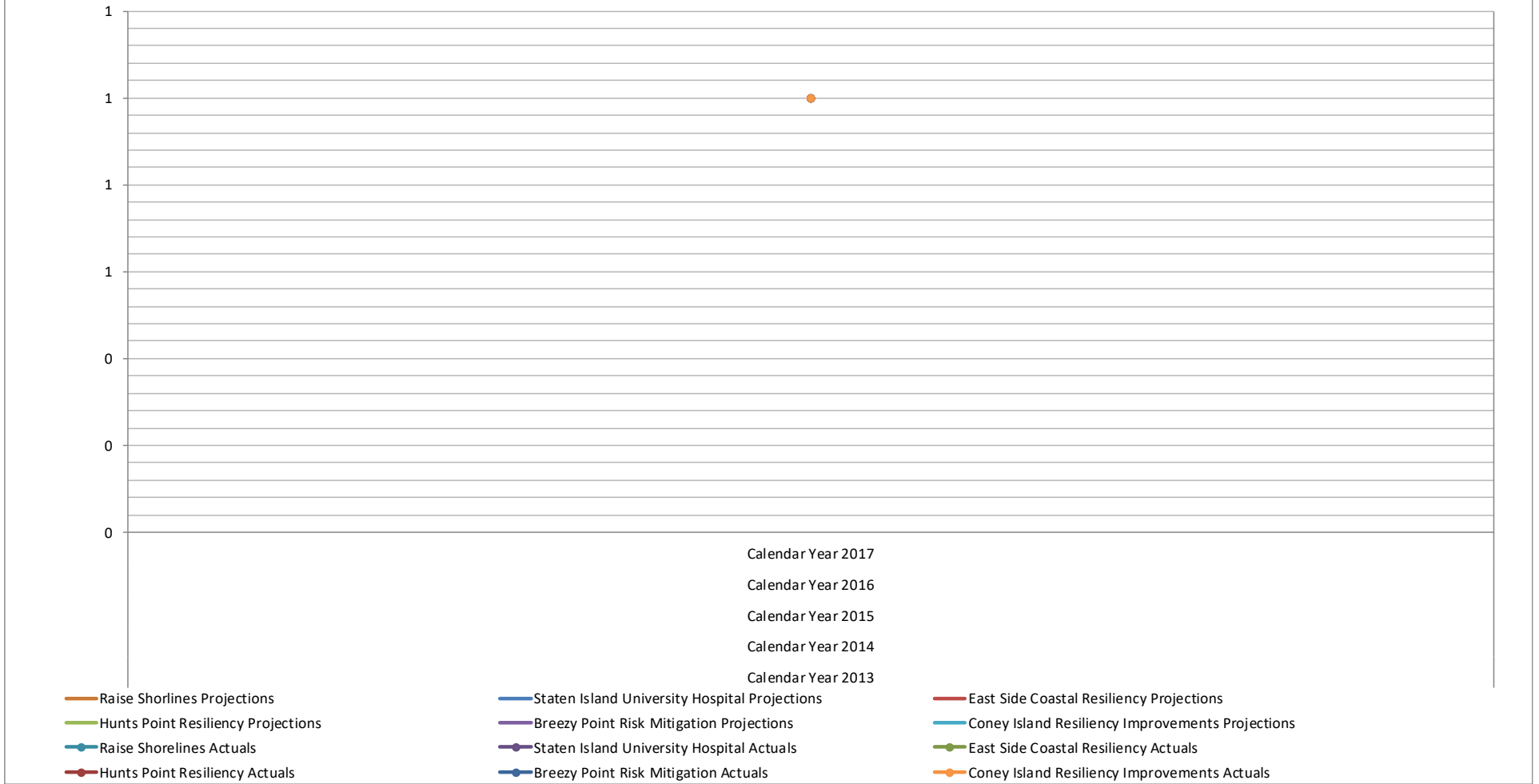
# Projections of CDBG-DR Outcomes and Actual CDBG-DR Outcomes to Date for Coastal Resiliency Programs

(Updated January 2020)

Coastal Resiliency Programs	Calendar Year 2018				Calendar Year 2019				Calendar Year 2020				Calendar Year 2021				Calendar Year 2022		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
<b>Raise Shorelines</b>																			
Projected # Linear Feet Improved (Cumulative)	-	-	-	-	-	-	272	1,146	2,006	3,367	4,728	6,089	7,449	8,954	10,601	12,249	18,749	22,778	22,778
Projected # Linear Feet Improved (by Quarter)	-	-	-	-	-	-	272	874	860	1,361	1,361	1,361	1,361	1,504	1,647	1,647	6,500	4,029	-
Actual # Linear Feet Improved (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # Linear Feet Improved ( from QPRs)																			
<b>Staten Island University Hospital</b>																			
Projected # Public Facilities (Cumulative)	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	2	2	2	2
Projected # Public Facilities (by Quarter)	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
Actual # Public Facilities (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # Public Facilities ( from QPRs)																			
<b>East Side Coastal Resiliency</b>																			
Projected # Linear Feet Improved (Cumulative)	-	-	-	-	-	-	-	50	150	350	750	1,550	3,150	6,350	9,550	11,550	11,563	11,563	11,563
Projected # Linear Feet Improved (by Quarter)	-	-	-	-	-	-	-	50	100	200	400	800	1,600	3,200	3,200	2,000	13	-	-
Actual # Linear Feet Improved (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # Linear Feet Improved ( from QPRs)																			
<b>Hunts Point Resiliency</b>																			
Projected # Non-Residential Buildings (Cumulative)	-	-	-	-	-	1	1	2	2	2	3	3	3	3	5	6	8	8	8
Projected # Non-Residential Buildings (by Quarter)	-	-	-	-	-	1	-	1	-	-	1	-	-	-	2	1	2	-	-
Actual # Non-Residential Buildings (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # Non-Residential Buildings ( from QPRs)																			
<b>Coney Island Resiliency Improvements</b>																			
Projected # Linear Feet Improved (Cumulative)	-	-	-	-	-	-	-	-	-	-	50	150	350	550	800	900	950	950	950
Projected # Linear Feet Improved (by Quarter)	-	-	-	-	-	-	-	-	-	-	50	100	200	200	250	100	50	-	-
Actual # Linear Feet Improved (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # Linear Feet Improved ( from QPRs)																			
<b>Breezy Point Risk Mitigation</b>																			
Projected # Linear Feet Improved (Cumulative)	-	-	-	-	-	-	-	-	-	500	1,000	3,000	5,500	8,000	11,500	16,000	18,500	19,500	20,000
Projected # Linear Feet Improved (by Quarter)	-	-	-	-	-	-	-	-	-	500	500	2,000	2,500	2,500	3,500	4,500	2,500	1,000	500
Actual # Linear Feet Improved (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # Linear Feet Improved ( from QPRs)																			
<b>Sheepshead Bay Courts Infrastructure</b>																			
Projected # Linear Feet Improved (Cumulative)	-	-	-	400	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
Projected # Linear Feet Improved (by Quarter)	-	-	-	400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # Linear Feet Improved (Cumulative)	-	-	-	-	-	-	-	10,369	-	-	-	-	-	-	-	-	-	-	-
Actual # Linear Feet Improved ( from QPRs)																			
<b>Resiliency Property Purchase Program</b>																			
Projected # Buildings (Cumulative)	-	-	-	1	1	1	6	6	11	11	16	21	26	31	36	39	40	40	40
Projected # Buildings (by Quarter)	-	-	-	1	-	-	5	-	5	-	5	5	5	5	5	3	1	-	-
Actual # Buildings (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # Buildings ( from QPRs)																			

# City of New York Disaster Recovery Program

Coastal Resiliency Accomplishment Projection and Actuals



# Projections of CDBG-DR Expenditures and Actual CDBG-DR Expenditures to Date for Planning and Administration

(Updated July 2021)

Planning and Administration	Calendar Year 2013			Calendar Year 2014				Calendar Year 2015				Calendar Year 2016				Calendar Year 2017			
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Projected Disbursements by Quarter</b>	-	0.02	0.75	0.66	1.24	5.28	12.01	1.82	5.89	14.21	10.26	6.60	12.35	6.45	10.20	11.68	22.31	18.27	9.40
Planning	-	-	-	0.04	-	2.08	9.02	0.12	3.12	3.28	3.11	2.44	7.51	1.83	3.76	2.27	14.63	7.92	2.67
Administration	-	0.02	0.75	0.62	1.24	3.20	2.99	1.70	2.76	10.93	7.15	4.16	4.84	4.62	6.44	9.41	7.68	10.35	6.73
<b>Projected Cumulative Disbursements</b>	-	0.02	0.76	1.42	2.66	7.94	19.96	21.78	27.66	41.87	52.13	58.73	71.08	77.54	87.74	99.42	121.73	140.00	149.40
Planning	-	-	-	0.04	0.04	2.13	11.15	11.27	14.39	17.67	20.78	23.22	30.73	32.56	36.32	38.59	53.22	61.14	63.81
Administration	-	0.02	0.76	1.38	2.62	5.82	8.81	10.51	13.27	24.20	31.36	35.51	40.35	44.97	51.42	60.83	68.50	78.86	85.59
<b>Actual Quarterly Disbursements (from QPRs)</b>	-	0.02	0.75	0.66	1.24	5.28	12.01	1.82	5.89	14.21	10.26	6.60	12.35	6.45	10.20	11.68	22.31	18.27	9.40
Planning	-	-	-	0.04	-	2.08	9.02	0.12	3.12	3.28	3.11	2.44	7.51	1.83	3.76	2.27	14.63	7.92	2.67
Administration	-	0.02	0.75	0.62	1.24	3.20	2.99	1.70	2.76	10.93	7.15	4.16	4.84	4.62	6.44	9.41	7.68	10.35	6.73
<b>Actual Cumulative Disbursements</b>	-	0.02	0.76	1.42	2.66	7.94	19.96	21.78	27.66	41.87	52.13	58.73	71.08	77.54	87.74	99.42	121.73	140.00	149.40
Planning	-	-	-	0.04	0.04	2.13	11.15	11.27	14.39	17.67	20.78	23.22	30.73	32.56	36.32	38.59	53.22	61.14	63.81
Administration	-	0.02	0.76	1.38	2.62	5.82	8.81	10.51	13.27	24.20	31.36	35.51	40.35	44.97	51.42	60.83	68.50	78.86	85.59

Planning and Administration	Calendar Year 2018				Calendar Year 2019				Calendar Year 2020				Calendar Year 2021				Calendar Year 2022			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Projected Disbursements by Quarter</b>	8.47	10.08	5.87	3.02	9.07	2.98	2.23	22.57	2.63	7.56	1.78	6.87	4.12	7.97	4.45	4.45	4.45	4.45	4.45	4.45
Planning	3.79	6.41	2.80	1.20	0.00	-	-	-	-	-	-	4.05	1.27	3.13	0.69	0.69	0.69	0.69	0.69	0.69
Administration	4.67	3.67	3.08	1.82	9.06	2.98	2.23	22.57	2.63	7.56	1.78	2.82	2.85	4.84	3.75	3.75	3.75	3.75	3.75	3.75
<b>Projected Cumulative Disbursements</b>	157.86	167.94	173.81	176.83	185.90	188.88	191.11	213.68	216.31	223.87	225.65	232.51	236.64	244.60	249.05	253.50	257.95	262.40	266.85	271.30
Planning	67.61	74.02	76.81	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	82.07	83.34	86.47	87.16	87.86	88.55	89.25	89.94	90.64
Administration	90.26	93.92	97.00	98.82	107.88	110.86	113.09	135.66	138.29	145.85	147.63	150.45	153.30	158.13	161.89	165.64	169.40	173.15	176.91	180.66
<b>Actual Quarterly Disbursements (from QPRs)</b>	8.47	10.08	5.87	3.02	9.07	2.98	2.23	22.57	2.63	7.56	1.78	6.87	4.12	7.97	-	-	-	-	-	-
Planning	3.79	6.41	2.80	1.20	0.00	-	-	-	-	-	-	4.05	1.27	3.13						
Administration	4.67	3.67	3.08	1.82	9.06	2.98	2.23	22.57	2.63	7.56	1.78	2.82	2.85	4.84						
<b>Actual Cumulative Disbursements</b>	157.86	167.94	173.81	176.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Planning	67.61	74.02	76.81	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	82.07	83.34	86.47						
Administration	90.26	93.92	97.00	98.82	107.88	110.86	113.09	135.66	138.29	145.85	147.63	150.45	153.30	158.13						

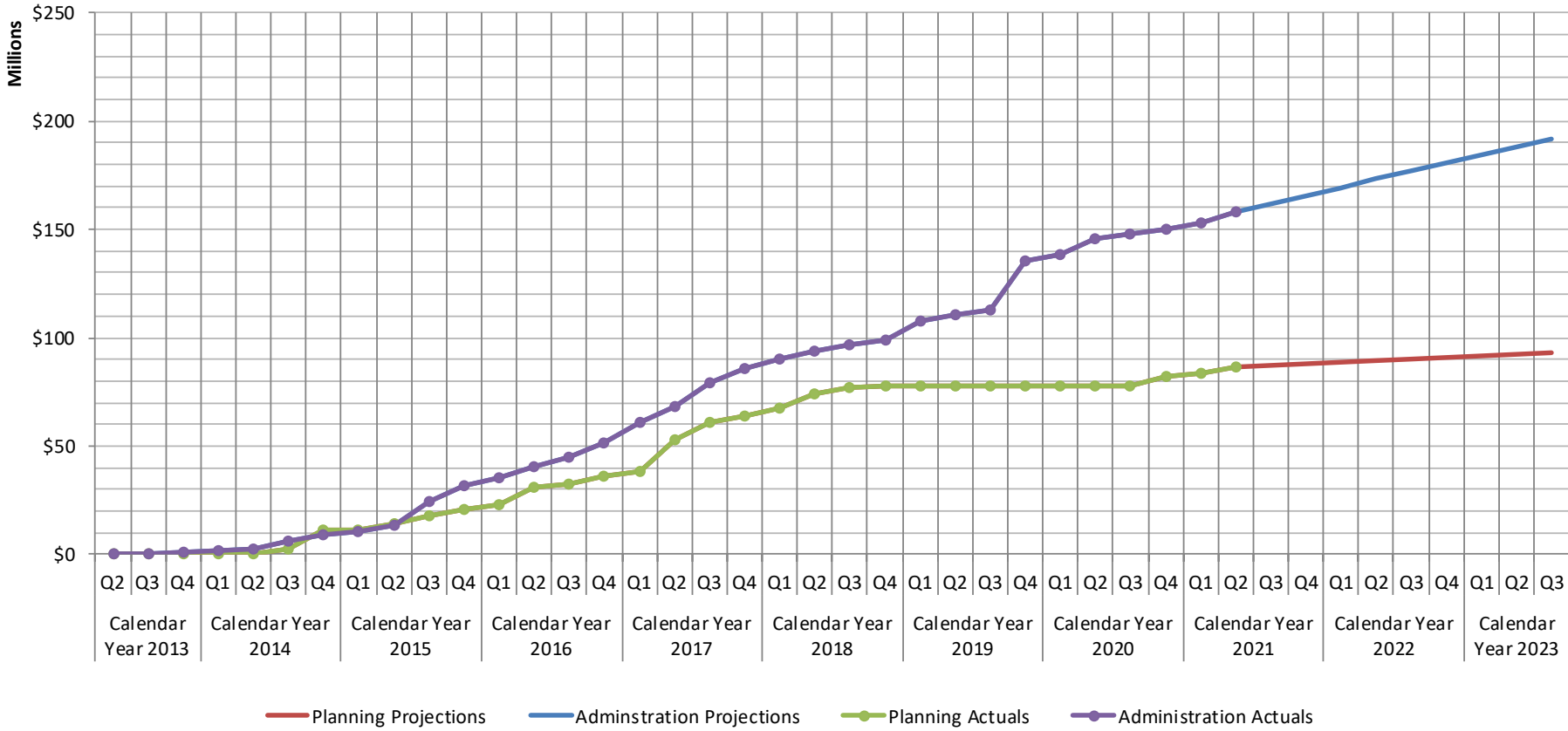
Planning and Administration	Calendar Year 2023		
	Q1	Q2	Q3
<b>Projected Disbursements by Quarter</b>	4.45	4.45	4.45
Planning	0.69	0.69	0.69
Administration	3.75	3.75	3.75
<b>Projected Cumulative Disbursements</b>	275.75	280.20	284.65
Planning	91.33	92.03	92.72
Administration	184.42	188.17	191.93
<b>Actual Quarterly Disbursements (from QPRs)</b>	-	-	-
Planning			
Administration			
<b>Actual Cumulative Disbursements</b>	-	-	-
Planning			
Administration			

(All \$ amounts in Millions)

Note: this chart reflects expenditures as defined by HUD. Projections show the estimated date of City reimbursement of CDBG-DR funds, not the date of service delivery. Thus, service deliveries may occur much earlier than the dates associated with the projected expenditures in these charts.

# City of New York Disaster Recovery Program

Planning and Administration Expenditure Projection and Actuals



# Projections of CDBG-DR Expenditures and Actual CDBG-DR Expenditures to Date for Housing Programs

(Updated July 2021)

Housing Programs	Calendar Year 2013			Calendar Year 2014				Calendar Year 2015				Calendar Year 2016				Calendar Year 2017			
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Projected Disbursements by Quarter</b>	-	-	0.25	0.61	12.90	2.72	2.18	48.77	40.25	172.56	98.16	92.81	65.88	144.20	107.50	170.77	155.54	279.93	176.73
Build it Back Single Family	-	-	-	0.22	12.58	2.72	1.35	45.87	37.06	162.72	94.35	68.43	57.06	137.04	93.81	165.79	142.56	220.19	153.43
Build it Back Multi-Family	-	-	-	-	-	-	-	0.89	2.95	9.33	3.81	3.55	0.38	1.58	11.88	1.11	12.90	51.46	14.39
Build it Back TDAP (Rental Assistance)	-	-	0.25	0.39	0.32	-	0.82	2.01	0.24	0.51	-	1.00	-	0.83	-	2.07	0.02	-	0.01
Build it Back Workforce Development	-	-	-	-	-	-	-	-	-	-	-	-	0.06	0.20	0.03	0.89	0.05	1.30	-
NYCHA Rehab & Resilience	-	-	-	-	-	-	-	-	-	-	-	19.82	8.38	4.55	1.77	0.91	-	6.98	8.89
<b>Projected Cumulative Disbursements</b>	-	-	0.25	0.86	13.77	16.49	18.66	67.43	107.68	280.25	378.40	471.21	537.09	681.29	788.79	959.56	1,115.09	1,395.02	1,571.75
Build it Back Single Family	-	-	-	0.22	12.81	15.52	16.88	62.75	99.81	262.53	356.88	425.30	482.36	619.40	713.21	879.00	1,021.56	1,241.75	1,395.19
Build it Back Multi-Family	-	-	-	-	-	-	-	0.89	3.84	13.17	16.98	20.53	20.91	22.49	34.37	35.49	48.39	99.85	114.24
Build it Back TDAP (Rental Assistance)	-	-	0.25	0.64	0.96	0.96	1.79	3.79	4.04	4.55	4.55	5.55	5.55	6.38	6.38	8.45	8.47	8.47	8.48
Build it Back Workforce Development	-	-	-	-	-	-	-	-	-	-	-	-	0.06	0.26	0.29	1.18	1.24	2.53	2.53
NYCHA Rehab & Resilience	-	-	-	-	-	-	-	-	-	-	-	19.82	28.20	32.75	34.53	35.43	35.43	42.41	51.31
<b>Actual Quarterly Disbursements (from QPRs)</b>	-	-	0.25	0.61	12.90	2.72	2.18	48.77	40.25	172.56	98.16	92.81	65.88	144.20	107.50	170.77	155.54	279.93	176.73
Build it Back Single Family	-	-	-	0.22	12.58	2.72	1.35	45.87	37.06	162.72	94.35	68.43	57.06	137.04	93.81	165.79	142.56	220.19	153.43
Build it Back Multi-Family	-	-	-	-	-	-	-	0.89	2.95	9.33	3.81	3.55	0.38	1.58	11.88	1.11	12.90	51.46	14.39
Build it Back TDAP (Rental Assistance)	-	-	0.25	0.39	0.32	-	0.82	2.01	0.24	0.51	-	1.00	-	0.83	-	2.07	0.02	-	0.01
Build it Back Workforce Development	-	-	-	-	-	-	-	-	-	-	-	-	0.06	0.20	0.03	0.89	0.05	1.30	-
NYCHA Rehab & Resilience	-	-	-	-	-	-	-	-	-	-	-	19.82	8.38	4.55	1.77	0.91	-	6.98	8.89
<b>Actual Cumulative Disbursements</b>	-	-	0.25	0.86	13.77	16.49	18.66	67.43	107.68	280.25	378.40	471.21	537.09	681.29	788.79	959.56	1,115.09	1,395.02	1,571.75
Build it Back Single Family	-	-	-	0.22	12.81	15.52	16.88	62.75	99.81	262.53	356.88	425.30	482.36	619.40	713.21	879.00	1,021.56	1,241.75	1,395.19
Build it Back Multi-Family	-	-	-	-	-	-	-	0.89	3.84	13.17	16.98	20.53	20.91	22.49	34.37	35.49	48.39	99.85	114.24
Build it Back TDAP (Rental Assistance)	-	-	0.25	0.64	0.96	0.96	1.79	3.79	4.04	4.55	4.55	5.55	5.55	6.38	6.38	8.45	8.47	8.47	8.48
Build it Back Workforce Development	-	-	-	-	-	-	-	-	-	-	-	-	0.06	0.26	0.29	1.18	1.24	2.53	2.53
NYCHA Rehab & Resilience	-	-	-	-	-	-	-	-	-	-	-	19.82	28.20	32.75	34.53	35.43	35.43	42.41	51.31

Housing Programs	Calendar Year 2018				Calendar Year 2019				Calendar Year 2020				Calendar Year 2021				Calendar Year 2022			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Projected Disbursements by Quarter</b>	193.68	264.60	138.73	159.26	156.67	91.22	71.41	45.95	38.25	65.93	24.31	26.09	32.01	14.07	12.02	12.02	12.02	12.02	12.02	12.02
Build it Back Single Family	140.83	176.94	99.46	85.10	90.58	63.10	40.57	9.84	23.38	60.65	19.13	23.95	22.91	2.72	0.97	0.97	0.97	0.97	0.97	0.97
Build it Back Multi-Family	12.07	61.66	22.39	35.96	34.95	18.46	11.18	26.04	13.33	4.86	3.83	1.31	0.17	10.22	4.48	4.48	4.48	4.48	4.48	4.48
Build it Back TDAP (Rental Assistance)	0.02	0.00	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Build it Back Workforce Development	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NYCHA Rehab & Resilience	40.77	26.01	16.81	38.20	31.14	9.66	19.66	10.07	1.53	0.42	1.35	0.84	8.93	1.13	6.58	6.58	6.58	6.58	6.58	6.58
<b>Projected Cumulative Disbursements</b>	1,765.43	2,030.03	2,168.76	2,328.02	2,484.70	2,575.92	2,647.33	2,693.28	2,731.53	2,797.46	2,821.77	2,847.86	2,879.87	2,893.94	2,905.97	2,917.99	2,930.02	2,942.04	2,954.06	2,966.09
Build it Back Single Family	1,536.02	1,712.96	1,812.42	1,897.52	1,988.11	2,051.21	2,091.79	2,101.63	2,125.01	2,185.66	2,204.78	2,228.73	2,251.64	2,254.35	2,255.32	2,256.29	2,257.25	2,258.22	2,259.19	2,260.16
Build it Back Multi-Family	126.31	187.96	210.35	246.31	281.26	299.72	310.90	336.94	336.94	355.13	358.97	360.28	360.45	370.67	375.15	379.63	384.11	388.59	393.08	397.56
Build it Back TDAP (Rental Assistance)	8.50	8.50	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57
Build it Back Workforce Development	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53
NYCHA Rehab & Resilience	92.07	118.08	134.89	173.08	204.22	213.89	233.54	243.61	245.15	245.56	246.92	247.75	256.68	257.82	264.39	270.97	277.54	284.12	290.70	297.27
<b>Actual Quarterly Disbursements (from QPRs)</b>	193.76	264.60	138.73	159.26	156.67	91.22	71.41	45.95	38.25	65.93	24.31	26.09	32.01	14.07	12.02	12.02	-	-	-	-
Build it Back Single Family	140.83	176.94	99.46	85.10	90.58	63.10	40.57	9.84	23.38	60.65	19.13	23.95	22.91	2.72	0.97	0.97	-	-	-	-
Build it Back Multi-Family	12.15	61.66	22.39	35.96	34.95	18.46	11.18	26.04	13.33	4.86	3.83	1.31	0.17	10.22	4.48	4.48	-	-	-	-
Build it Back TDAP (Rental Assistance)	0.02	0.00	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Build it Back Workforce Development	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NYCHA Rehab & Resilience	40.77	26.01	16.81	38.20	31.14	9.66	19.66	10.07	1.53	0.42	1.35	0.84	8.93	1.13	6.58	6.58	-	-	-	-
<b>Actual Cumulative Disbursements</b>	1,765.51	2,030.11	2,168.84	2,328.10	2,484.77	2,576.00	2,647.41	2,693.36	2,731.61	2,797.54	2,821.85	2,847.94	2,879.95	2,894.02	2,906.05	2,918.07	-	-	-	-
Build it Back Single Family	1,536.02	1,712.96	1,812.42	1,897.52	1,988.11	2,051.21	2,091.79	2,101.63	2,125.01	2,185.66	2,204.78	2,228.73	2,251.64	2,254.35	2,255.32	2,256.29	-	-	-	-
Build it Back Multi-Family	126.39	188.04	210.43	246.39	281.34	299.79	310.98	337.01	337.01	355.21	359.05	360.36	360.52	370.75	375.15	379.63	-	-	-	-
Build it Back TDAP (Rental Assistance)	8.50	8.50	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	8.57	-	-	-	-
Build it Back Workforce Development	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	-	-	-	-
NYCHA Rehab & Resilience	92.07	118.08	134.89	173.08	204.22	213.89	233.54	243.61	245.15	245.56	246.92	247.75	256.68	257.82	264.39	270.97	-	-	-	-

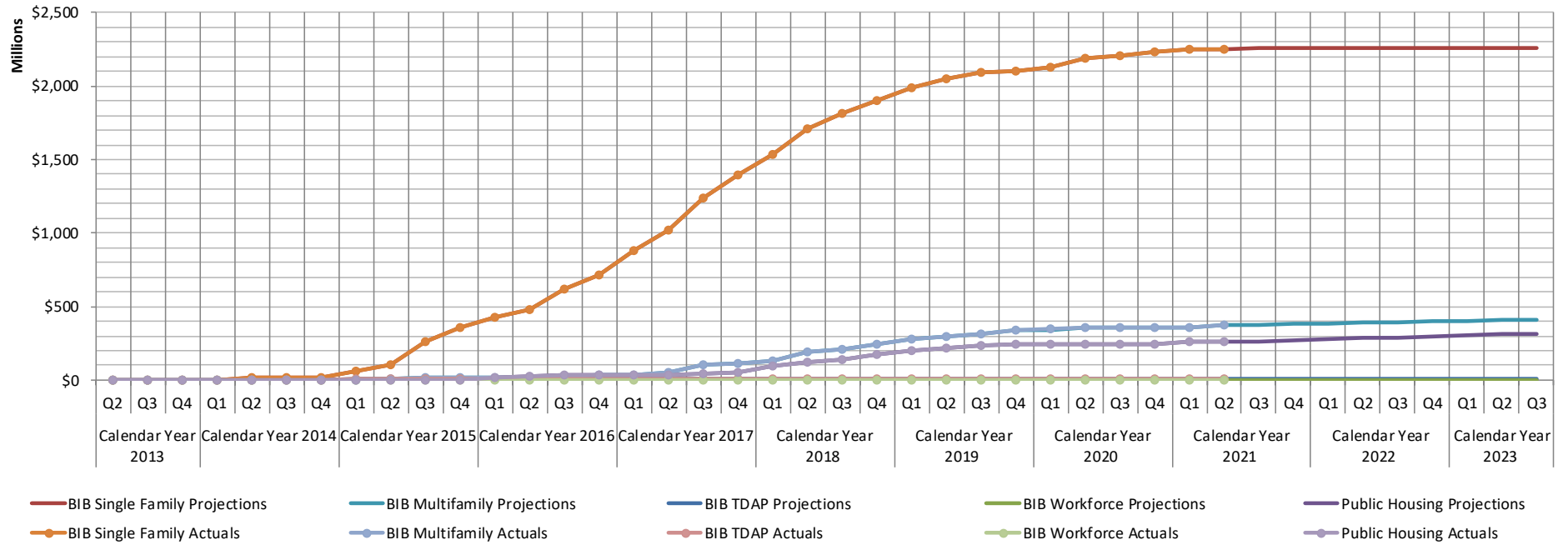
	Calendar Year 2023		
Housing Programs	Q1	Q2	Q3
<b>Projected Disbursements by Quarter</b>	12.02	12.02	12.02
Build it Back Single Family	0.97	0.97	0.97
Build it Back Multi-Family	4.48	4.48	4.48
Build it Back TDAP (Rental Assistance)	-	-	-
Build it Back Workforce Development	-	-	-
NYCHA Rehab & Resilience	6.58	6.58	6.58
<b>Projected Cumulative Disbursements</b>	2,966.09	2,978.11	2,990.14
Build it Back Single Family	2,261.12	2,262.09	2,263.06
Build it Back Multi-Family	402.04	406.52	411.00
Build it Back TDAP (Rental Assistance)	8.57	8.57	8.57
Build it Back Workforce Development	2.53	2.53	2.53
NYCHA Rehab & Resilience	303.85	310.42	317.00
<b>Actual Quarterly Disbursements (from QPRs)</b>	-	-	-
Build it Back Single Family			
Build it Back Multi-Family			
Build it Back TDAP (Rental Assistance)			
Build it Back Workforce Development			
NYCHA Rehab & Resilience			
<b>Actual Cumulative Disbursements</b>	-	-	-
Build it Back Single Family			
Build it Back Multi-Family			
Build it Back TDAP (Rental Assistance)			
Build it Back Workforce Development			
NYCHA Rehab & Resilience			

(All \$ amounts in Millions)

*Note: this chart reflects expenditures as defined by HUD. Projections show the estimated date of City reimbursement of CDBG-DR funds, not the date of service delivery. Thus, service deliveries may occur much earlier than the dates associated with the projected expenditures in these charts.*

# City of New York Disaster Recovery Program

## Housing Expenditure Projection and Actuals





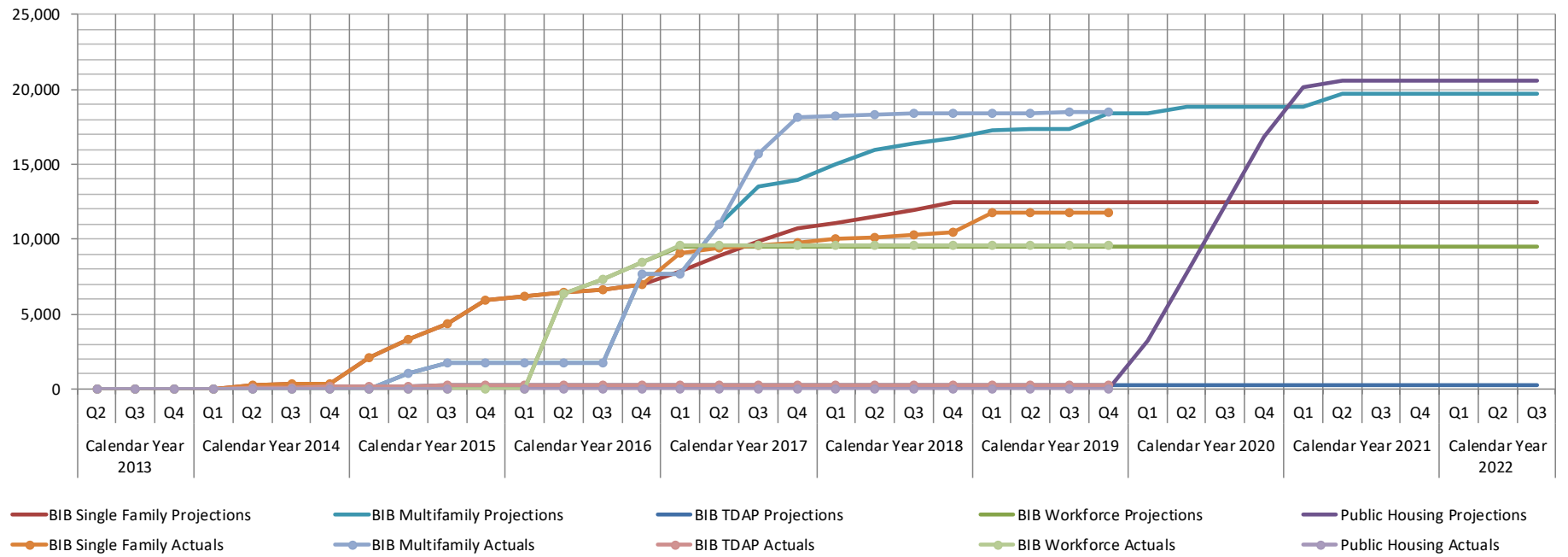
# Projections of CDBG-DR Outcomes and Actual CDBG-DR Outcomes to Date for Housing Programs

(Updated January 2020)

Housing Programs	Calendar Year 2013			Calendar Year 2014				Calendar Year 2015				Calendar Year 2016				Calendar Year 2017			
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Build it Back Single Family</b>																			
Projected # of Units (Cumulative)	-	-	-	-	263	331	331	2,126	3,349	4,365	5,929	6,175	6,441	6,591	6,939	7,882	8,882	9,882	10,682
Projected # of Units (by Quarter)	-	-	-	-	263	68	-	1,795	1,223	1,016	1,564	246	266	150	348	943	1,000	1,000	800
Actual # of Units (Cumulative)	-	-	-	-	263	331	331	2,126	3,349	4,365	5,929	6,175	6,441	6,591	6,939	9,039	9,390	9,603	9,798
Actual # of Units ( from QPRs)	-	-	-	-	263	68	-	1,795	1,223	1,016	1,564	246	266	150	348	2,100	351	213	195
<b>Build it Back Multi-Family</b>																			
Projected # of Units (Cumulative)	-	-	-	-	-	-	-	-	1,030	1,702	1,702	1,752	1,754	1,771	7,645	7,645	10,974	13,474	13,974
Projected # of Units (by Quarter)	-	-	-	-	-	-	-	-	1,030	672	-	50	2	17	5,874	-	3,329	2,500	500
Actual # of Units (Cumulative)	-	-	-	-	-	-	-	-	1,030	1,702	1,702	1,752	1,754	1,771	7,645	7,645	10,991	15,703	18,149
Actual # of Units ( from QPRs)	-	-	-	-	-	-	-	-	1,030	672	-	50	2	17	5,874	-	3,346	4,712	2,446
<b>Build it Back TDAP (Rental Assistance)</b>																			
Projected # of Households (Cumulative)	-	-	15	15	65	65	131	176	176	219	225	225	225	225	242	242	242	242	242
Projected # of Households (by Quarter)	-	-	15	-	50	-	66	45	-	43	6	-	-	-	17	-	-	-	-
Actual # of Households (Cumulative)	-	-	15	15	65	65	131	176	176	219	225	225	225	225	242	242	242	242	242
Actual # of Households ( from QPRs)	-	-	15	-	50	-	66	45	-	43	6	-	-	-	17	-	-	-	-
<b>Build it Back Workforce Development</b>																			
Projected # Cases Opened (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	6,332	7,316	8,464	9,520	9,520	9,520	9,520
Projected # Cases Opened (by Quarter)	-	-	-	-	-	-	-	-	-	-	-	-	6,332	984	1,148	1,056	-	-	-
Actual # Cases Opened (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	6,332	7,316	8,464	9,550	9,550	9,550	9,550
Actual # Cases Opened ( from QPRs)	-	-	-	-	-	-	-	-	-	-	-	-	6,332	984	1,148	1,086	-	-	-
<b>NYCHA Rehab and Resilience</b>																			
Projected # of Units (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Projected # of Units (by Quarter)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # of Units (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # of Units ( from QPRs)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Housing Programs	Calendar Year 2018				Calendar Year 2019				Calendar Year 2020				Calendar Year 2021				Calendar Year 2022		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
<b>Build it Back Single Family</b>																			
Projected # of Units (Cumulative)	11,082	11,482	11,932	12,432	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500
Projected # of Units (by Quarter)	400	400	450	500	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # of Units (Cumulative)	9,988	10,142	10,291	10,439	11,771	11,771	11,773	11,774											
Actual # of Units ( from QPRs)	190	154	149	148	1,332	-	2	1											
<b>Build it Back Multi-Family</b>																			
Projected # of Units (Cumulative)	14,974	15,974	16,374	16,774	17,274	17,374	17,374	18,374	18,374	18,874	18,874	18,874	18,874	19,700	19,700	19,700	19,700	19,700	19,700
Projected # of Units (by Quarter)	1,000	1,000	400	400	500	100	-	1,000	-	500	-	-	-	826	-	-	-	-	-
Actual # of Units (Cumulative)	18,259	18,352	18,439	18,439	18,439	18,439	18,488	18,488											
Actual # of Units ( from QPRs)	110	93	87	-	-	-	49	-											
<b>Build it Back TDAP (Rental Assistance)</b>																			
Projected # of Households (Cumulative)	242	242	242	242	242	242	242	242	242	242	242	242	242	242	242	242	242	242	242
Projected # of Households (by Quarter)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # of Households (Cumulative)	242	242	242	242	242	242	242	242											
Actual # of Households ( from QPRs)	-	-	-	-	-	-	-	-											
<b>Build it Back Workforce Development</b>																			
Projected # Cases Opened (Cumulative)	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520
Projected # Cases Opened (by Quarter)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # Cases Opened (Cumulative)	9,550	9,550	9,550	9,550	9,550	9,550	9,550	9,550											
Actual # Cases Opened ( from QPRs)	-	-	-	-	-	-	-	-											
<b>NYCHA Rehab and Resilience</b>																			
Projected # of Units (Cumulative)	-	-	-	-	-	-	-	-	3,200	7,778	12,228	16,873	20,178	20,600	20,600	20,600	20,600	20,600	20,600
Projected # of Units (by Quarter)	-	-	-	-	-	-	-	-	3,200	4,578	4,450	4,645	3,305	422	-	-	-	-	-
Actual # of Units (Cumulative)	-	-	-	-	-	-	-	-											
Actual # of Units ( from QPRs)	-	-	-	-	-	-	-	-											

## City of New York Disaster Recovery Program Housing Accomplishment Projection and Actuals



## Projections of CDBG-DR Expenditures and Actual CDBG-DR Expenditures to Date for Business Programs

(Updated July 2021)

Business Programs	Calendar Year 2013			Calendar Year 2014				Calendar Year 2015				Calendar Year 2016				Calendar Year 2017			
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Projected Disbursements by Quarter</b>	-	0.01	0.66	0.38	1.19	4.99	0.66	3.76	9.60	6.97	9.56	6.40	3.83	0.17	6.21	5.68	2.84	1.26	1.05
Hurricane Sandy Business Loan and Grant	-	0.01	0.66	0.38	1.19	4.99	0.66	3.76	9.60	6.97	9.56	6.40	3.78	0.04	4.65	2.63	1.26	0.30	0.05
Business PREP	-	-	-	-	-	-	-	-	-	-	-	-	0.06	0.08	0.03	0.09	0.02	0.12	0.24
RISE:NYC	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	1.53	2.95	1.55	0.84	0.75
<b>Projected Cumulative Disbursements</b>	-	0.01	0.67	1.05	2.24	7.23	7.89	11.65	21.25	28.22	37.78	44.18	48.01	48.18	54.40	60.07	62.91	64.17	65.22
Hurricane Sandy Business Loan and Grant	-	0.01	0.67	1.05	2.24	7.23	7.89	11.65	21.25	28.22	37.78	44.18	47.95	47.99	52.64	55.27	56.53	56.83	56.88
Business PREP	-	-	-	-	-	-	-	-	-	-	-	-	0.06	0.14	0.17	0.26	0.28	0.40	0.64
RISE:NYC	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	1.59	4.54	6.10	6.94	7.69
<b>Actual Quarterly Disbursements (from QPRs)</b>	-	-	0.01	0.66	0.38	1.19	4.99	0.66	3.76	9.60	6.97	9.56	6.40	3.83	0.17	6.21	5.68	2.84	1.26
Hurricane Sandy Business Loan and Grant	-	-	0.01	0.66	0.38	1.19	4.99	0.66	3.76	9.60	6.97	9.56	6.40	3.78	0.04	4.65	2.63	1.26	0.30
Business PREP	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06	0.08	0.03	0.09	0.02	0.12
RISE:NYC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	1.53	2.95	1.55	0.84
<b>Actual Cumulative Disbursements</b>	-	-	0.01	0.67	1.05	2.24	7.23	7.89	11.65	21.25	28.22	37.78	44.18	48.01	48.18	54.40	60.07	62.91	64.17
Hurricane Sandy Business Loan and Grant	-	-	0.01	0.67	1.05	2.24	7.23	7.89	11.65	21.25	28.22	37.78	44.18	47.95	47.99	52.64	55.27	56.53	56.83
Business PREP	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06	0.14	0.17	0.26	0.28	0.40
RISE:NYC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	1.59	4.54	6.10	6.94

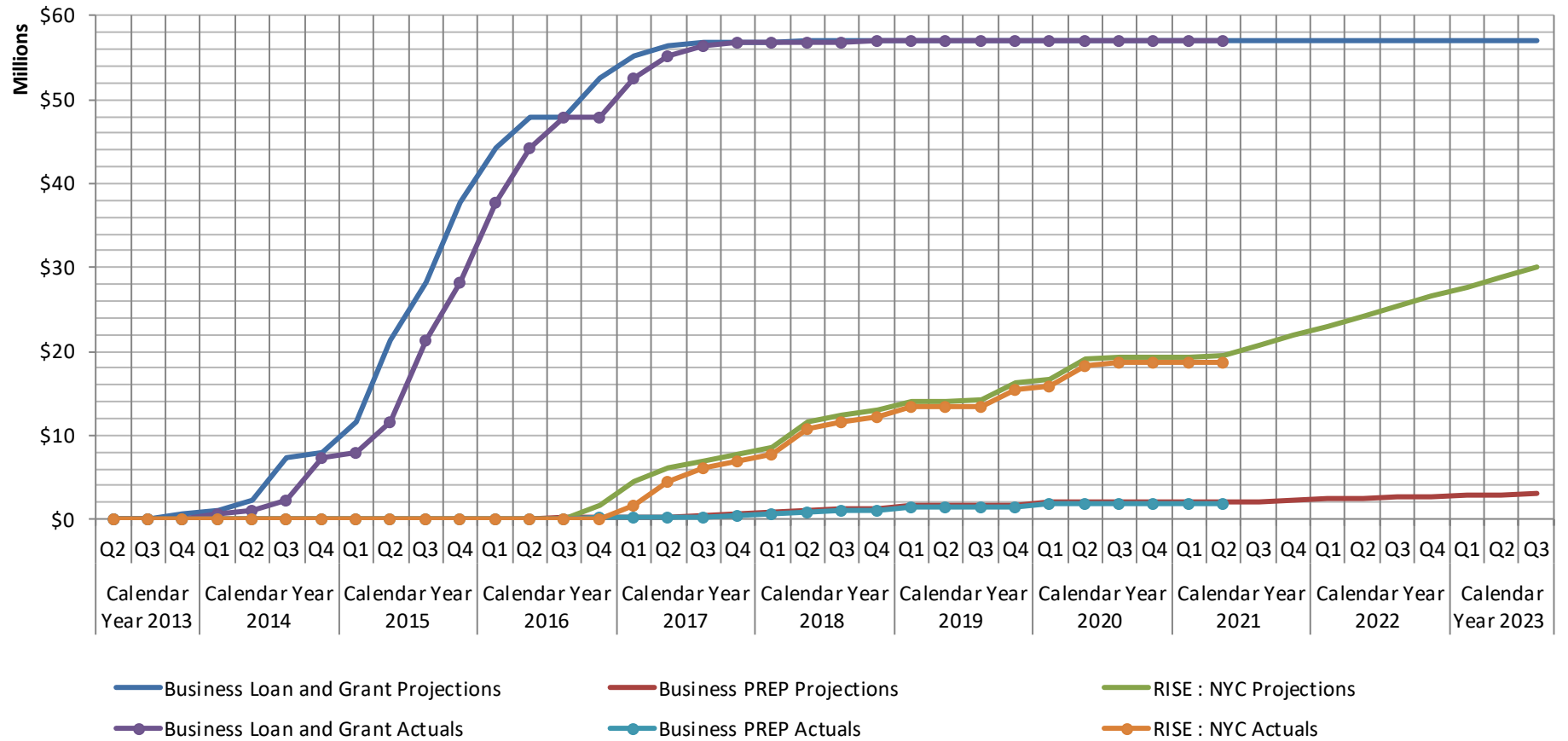
Business Programs	Calendar Year 2023		
	Q1	Q2	Q3
<b>Projected Disbursements by Quarter</b>	1.32	1.30	1.27
Hurricane Sandy Business Loan and Grant	0.05	0.03	-
Business PREP	0.11	0.11	0.11
RISE:NYC	1.16	1.16	1.16
<b>Projected Cumulative Disbursements</b>	87.55	88.85	90.12
Hurricane Sandy Business Loan and Grant	57.09	57.12	57.12
Business PREP	2.79	2.89	3.00
RISE:NYC	27.68	28.84	30.00
<b>Actual Quarterly Disbursements (from QPRs)</b>	-	-	-
Hurricane Sandy Business Loan and Grant			
Business PREP			
RISE:NYC			
<b>Actual Cumulative Disbursements</b>	-	-	-
Hurricane Sandy Business Loan and Grant			
Business PREP			
RISE:NYC			

(All \$ amounts in Millions)

Note: this chart reflects expenditures as defined by HUD. Projections show the estimated date of City reimbursement of CDBG-DR funds, not the date of service delivery. Thus, service deliveries may occur much earlier than the dates associated with the projected expenditures in these charts.

# City of New York Disaster Recovery Program

## Business Expenditure Projection and Actuals



# Projections of CDBG-DR Outcomes and Actual CDBG-DR Outcomes to Date for Business Programs

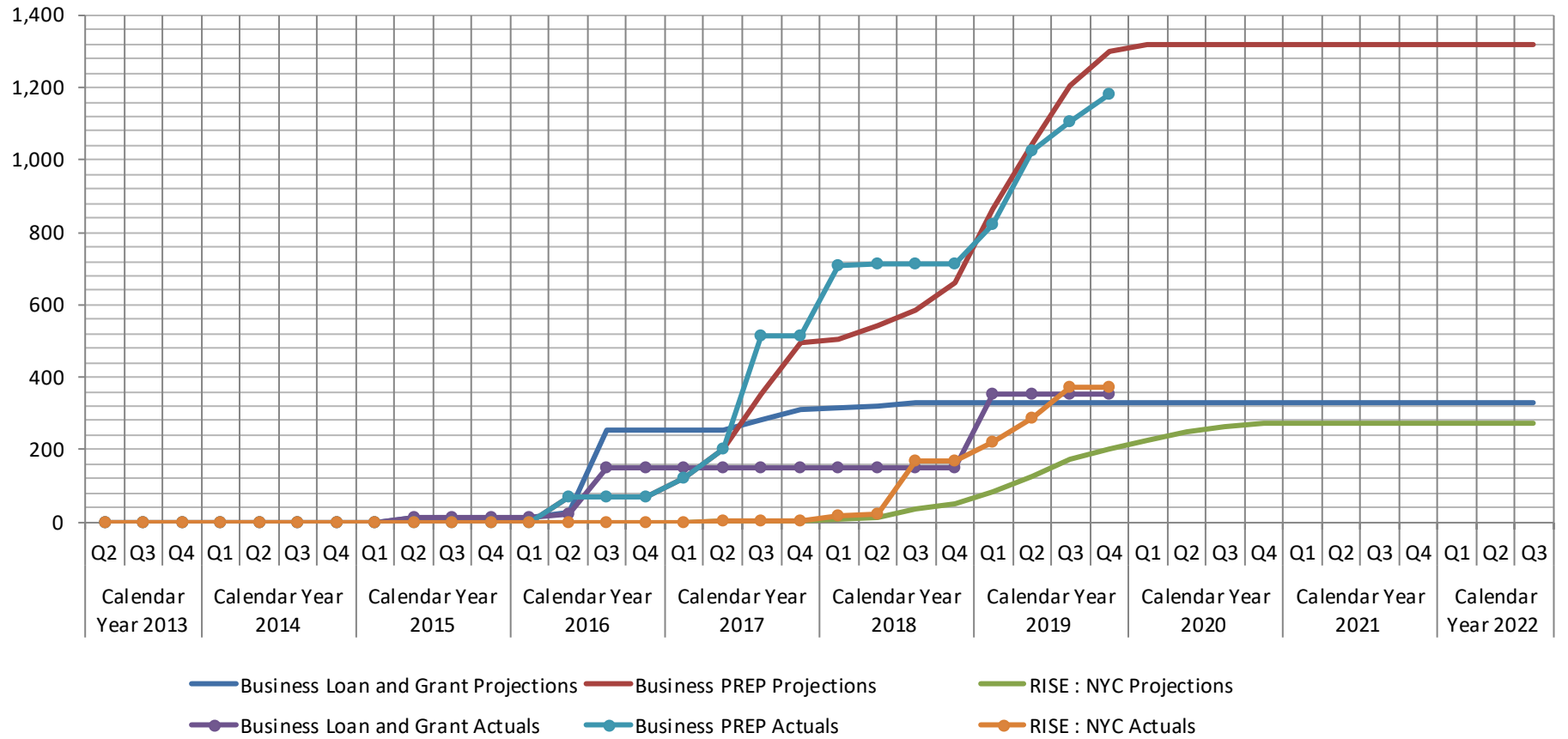
(Updated January 2020)

Business Programs	Calendar Year 2013			Calendar Year 2014				Calendar Year 2015				Calendar Year 2016				Calendar Year 2017			
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Hurricane Sandy Business Loan and Grant</b>																			
Projected # Jobs Created/Retained (Cumulative)	-	-	-	-	-	-	-	-	12	12	14	14	27	253	253	253	253	283	311
Projected # Jobs Created/Retained (by Quarter)	-	-	-	-	-	-	-	-	12	-	2	-	13	226	-	-	-	30	28
Actual # Jobs Created/Retained (Cumulative)	-	-	-	-	-	-	-	-	12	12	14	14	23	148	148	148	148	148	148
Actual # Jobs Created/Retained ( from QPRs)	-	-	-	-	-	-	-	-	12	-	2	-	9	125	-	-	-	-	-
<b>Business PREP</b>																			
Projected # Businesses Assisted (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	70	70	70	123	203	353	493
Projected # Businesses Assisted (by Quarter)	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	53	80	150	140
Actual # of Businesses Assisted (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	70	70	70	123	203	514	514
Actual # of Businesses Assisted ( from QPRs)	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	53	80	311	-
<b>RISE:NYC</b>																			
Projected # Businesses Assisted (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	4
Projected # Businesses Assisted (by Quarter)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1
Actual # of Businesses Assisted (Cumulative)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	3
Actual # of Businesses Assisted ( from QPRs)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-

Business Programs	Calendar Year 2018				Calendar Year 2019				Calendar Year 2020				Calendar Year 2021				Calendar Year 2022		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
<b>Hurricane Sandy Business Loan and Grant</b>																			
Projected # Jobs Created/Retained (Cumulative)	316	321	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328	328
Projected # Jobs Created/Retained (by Quarter)	5	5	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # Jobs Created/Retained (Cumulative)	148	148	148	148	352	352	352	352											
Actual # Jobs Created/Retained ( from QPRs)	-	-	-	-	204	-	-	-											
<b>Business PREP</b>																			
Projected # Businesses Assisted (Cumulative)	503	543	583	663	863	1,043	1,203	1,298	1,320	1,320	1,320	1,320	1,320	1,320	1,320	1,320	1,320	1,320	
Projected # Businesses Assisted (by Quarter)	10	40	40	80	200	180	160	95	22	-	-	-	-	-	-	-	-	-	
Actual # of Businesses Assisted (Cumulative)	706	711	715	715	821	1,024	1,106	1,180											
Actual # of Businesses Assisted ( from QPRs)	192	5	4	-	106	203	82	74											
<b>RISE:NYC</b>																			
Projected # Businesses Assisted (Cumulative)	7	12	37	52	82	127	172	202	227	247	262	272	275	275	275	275	275	275	275
Projected # Businesses Assisted (by Quarter)	3	5	25	15	30	45	45	30	25	20	15	10	3	-	-	-	-	-	-
Actual # of Businesses Assisted (Cumulative)	17	21	170	170	221	285	370	371											
Actual # of Businesses Assisted ( from QPRs)	14	4	149	-	51	64	85	1											

# City of New York Disaster Recovery Program

## Business Accomplishment Projection and Actuals



# Projections of CDBG-DR Expenditures and Actual CDBG-DR Expenditures to Date for IOCS Programs

(Updated July 2021)

IOCS Programs	Calendar Year 2013			Calendar Year 2014				Calendar Year 2015				Calendar Year 2016				Calendar Year 2017			
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Projected Disbursements by Quarter</b>	-	183	-	-	-	-	-	95	38	38	2	0	1	3	1	22	1	2	2
Public Services	-	183.00	-	-	-	-	-	17.43	3.22	-	-	-	-	0.10	-	18.95	-	-	-
Debris Removal / Clearance	-	-	-	-	-	-	-	-	5.14	0.29	-	-	-	1.23	-	-	-	-	-
Rehab/Recon of Public Facilities	-	-	-	-	-	-	-	7.68	2.18	38.17	1.53	0.37	0.73	1.60	1.46	3.10	1.24	2.25	1.93
Interim Assistance	-	-	-	-	-	-	-	69.89	27.24	-	-	-	-	-	-	-	-	-	-
<b>Projected Cumulative Disbursements</b>	-	183.00	183.00	183.00	183.00	183.00	183.00	278.00	315.78	354.24	355.77	356.14	356.87	359.80	361.26	383.31	384.54	386.79	388.73
Public Services	-	183.00	183.00	183.00	183.00	183.00	183.00	200.43	203.65	203.65	203.65	203.65	203.65	203.75	203.75	222.69	222.69	222.69	222.69
Debris Removal / Clearance	-	-	-	-	-	-	-	-	5.14	5.43	5.43	5.43	5.43	6.65	6.65	6.65	6.65	6.65	6.65
Rehab/Recon of Public Facilities	-	-	-	-	-	-	-	7.68	9.86	48.04	49.57	49.94	50.67	52.27	53.73	56.83	58.07	60.31	62.25
Interim Assistance	-	-	-	-	-	-	-	69.89	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13
<b>Actual Quarterly Disbursements (from QPRs)</b>	-	-	183.00	-	-	-	-	-	95.00	37.78	38.46	1.53	0.37	0.73	2.93	1.46	22.05	1.24	2.25
Public Services	-	-	183.00	-	-	-	-	-	17.43	3.22	-	-	-	-	0.10	-	18.95	-	-
Debris Removal / Clearance	-	-	-	-	-	-	-	-	-	5.14	0.29	-	-	-	1.23	-	-	-	-
Rehab/Recon of Public Facilities	-	-	-	-	-	-	-	-	7.68	2.18	38.17	1.53	0.37	0.73	1.60	1.46	3.10	1.24	2.25
Interim Assistance	-	-	-	-	-	-	-	-	69.89	27.24	-	-	-	-	-	-	-	-	-
<b>Actual Cumulative Disbursements</b>	-	-	183.00	183.00	183.00	183.00	183.00	183.00	278.00	315.78	354.24	355.77	356.14	356.87	359.80	361.26	383.31	384.54	386.79
Public Services	-	-	183.00	183.00	183.00	183.00	183.00	183.00	200.43	203.65	203.65	203.65	203.65	203.65	203.75	203.75	222.69	222.69	222.69
Debris Removal / Clearance	-	-	-	-	-	-	-	-	-	5.14	5.43	5.43	5.43	5.43	6.65	6.65	6.65	6.65	6.65
Rehab/Recon of Public Facilities	-	-	-	-	-	-	-	-	7.68	9.86	48.04	49.57	49.94	50.67	52.27	53.73	56.83	58.07	60.31
Interim Assistance	-	-	-	-	-	-	-	-	69.89	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13

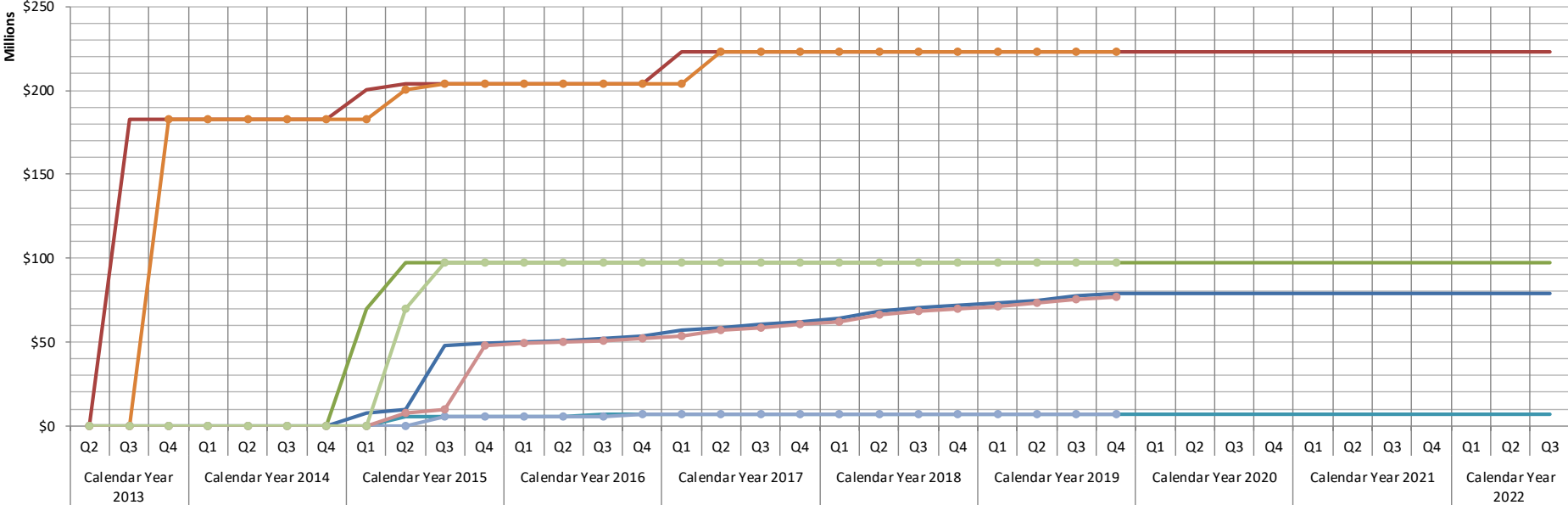
(All \$ amounts in Millions)

Note: this chart reflects expenditures as defined by HUD. Projections show the estimated date of City reimbursement of CDBG-DR funds, not the date of service delivery. Thus, service deliveries may occur much earlier than the dates associated with the projected expenditures in these charts.

IOCS Programs	Calendar Year 2018				Calendar Year 2019				Calendar Year 2020				Calendar Year 2021				Calendar Year 2022		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
<b>Projected Disbursements by Quarter</b>	1.93	3.82	2.34	1.57	1.88	1.47	2.56	1.12	-	-	-	-	-	-	-	-	-	-	-
Public Services	-	-	-	0.41	-	-	-	(0.27)	-	-	-	-	-	-	-	-	-	-	-
Debris Removal / Clearance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rehab/Recon of Public Facilities	1.93	3.82	2.34	1.15	1.88	1.47	2.56	1.38	-	-	-	-	-	-	-	-	-	-	-
Interim Assistance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Projected Cumulative Disbursements</b>	390.66	394.48	396.82	398.38	400.27	401.73	404.30	405.42	405.42	405.42	405.42	405.42	405.42	405.42	405.42	405.42	405.42	405.42	405.42
Public Services	222.69	222.69	222.69	223.11	223.11	223.11	223.11	222.84	222.84	222.84	222.84	222.84	222.84	222.84	222.84	222.84	222.84	222.84	222.84
Debris Removal / Clearance	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65
Rehab/Recon of Public Facilities	64.18	68.00	70.34	71.49	73.37	74.84	77.41	78.79	78.79	78.79	78.79	78.79	78.79	78.79	78.79	78.79	78.79	78.79	78.79
Interim Assistance	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13
<b>Actual Quarterly Disbursements (from QPRs)</b>	1.93	3.82	2.34	1.57	1.88	1.47	2.56	1.38	-	-	-	-	-	-	-	-	-	-	-
Public Services	-	-	-	0.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Debris Removal / Clearance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rehab/Recon of Public Facilities	1.93	3.82	2.34	1.15	1.88	1.47	2.56	1.38	-	-	-	-	-	-	-	-	-	-	-
Interim Assistance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Actual Cumulative Disbursements</b>	1.93	392.54	394.89	396.45	398.33	399.80	402.36	403.75	-	-	-	-	-	-	-	-	-	-	-
Public Services	222.69	222.69	222.69	223.11	223.11	223.11	223.11	223.11	-	-	-	-	-	-	-	-	-	-	-
Debris Removal / Clearance	6.65	6.65	6.65	6.65	6.65	6.65	6.65	6.65	-	-	-	-	-	-	-	-	-	-	-
Rehab/Recon of Public Facilities	62.25	66.07	68.41	69.56	71.44	72.91	75.47	76.86	-	-	-	-	-	-	-	-	-	-	-
Interim Assistance	97.13	97.13	97.13	97.13	97.13	97.13	97.13	97.13	-	-	-	-	-	-	-	-	-	-	-

# City of New York Disaster Recovery Program

## Public Infrastructure Expenditure Projection and Actuals



- Public Services Projections
- Debris Removal Clearance Projections
- Rehab/Recon of Public Facilities Projections
- Interim Assistance Projections
- Public Services Actuals
- Debris Removal Clearance Actuals
- Rehab/Recon of Public Facilities Actuals
- Interim Assistance Actuals



# Projections of CDBG-DR Outcomes and Actual CDBG-DR Outcomes to Date for IOCS Programs

(Updated January 2020)

IOCS Programs	Calendar Year 2013			Calendar Year 2014				Calendar Year 2015				Calendar Year 2016				Calendar Year 2017			
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Public Services</b>																			
Projected # People Served (Cumulative)	-	-	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M
Projected # People Served (by Quarter)	-	-	8.2M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # of People Served (Cumulative)	-	-	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M
Actual # of People Served ( from QPRs)	-	-	8.2M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Debris Removal / Clearance</b>																			
Projected # People Served (Cumulative)	-	-	-	-	-	-	-	-	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M
Projected # People Served (by Quarter)	-	-	-	-	-	-	-	-	8.2M	-	-	-	-	-	-	-	-	-	-
Actual # of People Served (Cumulative)	-	-	-	-	-	-	-	-	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M
Actual # of People Served ( from QPRs)	-	-	-	-	-	-	-	-	8.2M	-	-	-	-	-	-	-	-	-	-
<b>Rehab/Recon of Public Facilities</b>																			
Projected # Public Facilities (Cumulative)	-	-	-	-	-	-	-	-	-	1	1	3	3	3	3	3	3	3	3
Projected # Public Facilities (by Quarter)	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-
Actual # Public Facilities (Cumulative)	-	-	-	-	-	-	-	-	-	1	1	3	3	3	3	3	3	3	3
Actual # Public Facilities ( from QPRs)	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-
<b>Interim Assistance</b>																			
Projected # of Units (Cumulative)	-	-	-	-	-	-	-	-	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740
Projected # of Units (by Quarter)	-	-	-	-	-	-	-	-	20,740	-	-	-	-	-	-	-	-	-	-
Actual # of Units (Cumulative)	-	-	-	-	-	-	-	-	20,000	24,997	24,997	24,997	24,997	24,997	24,997	24,997	24,997	24,997	24,997
Actual # of Units ( from QPRs)	-	-	-	-	-	-	-	-	20,000	4,997	-	-	-	-	-	-	-	-	-

IOCS Programs	Calendar Year 2018				Calendar Year 2019				Calendar Year 2020				Calendar Year 2021				Calendar Year 2022		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
<b>Public Services</b>																			
Projected # People Served (Cumulative)	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M
Projected # People Served (by Quarter)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # of People Served (Cumulative)	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M											
Actual # of People Served ( from QPRs)	-	-	-	-	-	-	-	-											
<b>Debris Removal / Clearance</b>																			
Projected # People Served (Cumulative)	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M
Projected # People Served (by Quarter)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # of People Served (Cumulative)	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M	8.2M											
Actual # of People Served ( from QPRs)	-	-	-	-	-	-	-	-											
<b>Rehab/Recon of Public Facilities</b>																			
Projected # Public Facilities (Cumulative)	3	3	3	3	3	4	5	5	5	5	5	5	7	7	7	7	7	7	7
Projected # Public Facilities (by Quarter)	-	-	-	-	-	1	1	-	-	-	-	-	2	-	-	-	-	-	-
Actual # Public Facilities (Cumulative)	3	3	3	3	3	3	3	3											
Actual # Public Facilities ( from QPRs)	-	-	-	-	-	-	-	-											
<b>Interim Assistance</b>																			
Projected # of Units (Cumulative)	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740	20,740
Projected # of Units (by Quarter)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual # of Units (Cumulative)	24,997	24,997	24,997	24,997	24,997	24,997	24,997	24,997											
Actual # of Units ( from QPRs)	-	-	-	-	-	-	-	-											