



2022 NEW YORK CITY **CONSTRUCTION SAFETY REPORT**



MESSAGE FROM THE ACTING COMMISSIONER



The beginning of this year marked the 125th anniversary of the consolidation of the City of Greater New York, when the borders of the five boroughs as we know them today were first established. While the borders are recognizable, we live in an entirely different place than the New York City of 1898. Since that time, we have seen new buildings constructed and buildings be demolished, watched neighborhoods transform, and welcomed new communities that now also call this City home. We have seen gleaming towers shoot up from the ground, using incredible feats of engineering to create an iconic modern skyline, famous the world over. And at the heart of this tremendous change is the New York City construction industry.

To effectuate this dynamism over the last 125 years, New Yorkers carved through bedrock and bended steel, constructing the buildings we need for our ever-changing and growing City. Without the industry professionals, architects, engineers, the unions, the developers, the laborers, and tradespeople, we would not have the truly unique global City we live in today. The people who continue to do this extraordinary construction work have my utmost admiration and respect. They are New York heroes as much as anyone in this City, as they are truly building the future for the rest of us.

The work to construct, modify and maintain the buildings in our City is a critical component to effect the change needed to serve New Yorkers. In 2022, we saw an increase in construction activity across the five boroughs, with more development and maintenance projects, compared to the previous two years. We must acknowledge that as important as this increased construction activity is for our City, it also comes with potential hazards when the proper safeguards are not implemented. Tragically, in 2022, eleven construction workers lost their lives on building construction projects in New York City. This is an increase over the nine workers who lost their lives in 2021, a trend which mirrored the similar uptick in construction activity across the City last year. Every member of this Department mourns this terrible loss. But mourning is not enough – it needs to be followed by action on multiple fronts – the Department, building owners, contractors, and workers must all do their part to promote safety on the work site.

I would like to state clearly, and without equivocation, that this Department believes that every death on a construction site in this City is preventable. I do not accept the idea that the death of these hard-working New Yorkers is just the cost of development. That is why late last year, I directed the Department's Enforcement Bureau to initiate a new construction safety campaign across the five boroughs which will continue through the winter and spring months, with inspectors sweeping work sites across the City to hammer home the message that cutting corners on the job site has deadly consequences. I have directed my colleagues performing this sweep to focus their efforts on educating construction workers and supervisors about proper work site safety, and to only issue Stop Work Orders if they encounter truly unsafe and egregious conditions.

Our goal in releasing annual building construction reports is to be transparent, to continue analyzing where construction safety failures are occurring in our City and what we at the Department can do to help the industry prevent them from happening in the future. Ultimately, we understand that our inspectors cannot monitor every construction project in the City at all times, and it is the contractors, construction professionals, and construction workers who are responsible for adhering to both City and federal OSHA regulations. We hope that the construction and development industry will continue to see this annual report as an important reminder of the consequences of failing to adhere to these regulations. By analyzing the data we collect every year, and making it public, we can help these industry professionals to understand the dangers associated with lax work site safety, and work together to help prevent construction-related incidents citywide.

Finally, I would like to acknowledge all the people who work with me at the Department of Buildings. This agency is filled with dedicated professionals, who work every day to promote compliant development and improve safety for all New Yorkers. For over 14 years, I have been a member of this agency, and I have seen firsthand the essential services my colleagues provide to their fellow New Yorkers. I am honored to be leading and supporting them.

Regards,

A handwritten signature in white ink, appearing to read 'Kazimir Vilenchik', written in a cursive style.

Kazimir Vilenchik, P.E.
Acting Commissioner

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CONSTRUCTION ACTIVITY



In 2022, we continued to see a rebound of construction activity in every neighborhood across the City, up from pandemic-related lows in 2020, a year marked by a State-mandated pause on non-essential construction activity. Initial permits in 2022, issued for new projects, increased by 11% compared to last year, and we saw a significant 122% increase in initial new building project permits. This significant increase of new building project permits can in part be attributed to developers looking to obtain permits prior to the implementation of the 2022 NYC Construction Codes in November 2022, and the expiration deadline of the 421-a tax program in June 2022. Most of these approved new building projects in 2022 are planned for the outer boroughs, with Brooklyn leading the way at 1,176 permitted projects. Staten Island has the next most new building permits issued with 954, many of them being single-family homes.

New York City also saw a 15% increase in initial demolition permits issued in 2022, compared to the prior year. Historically, demolition permits in New York City have acted as indicators for future construction trends, as the demolition of older buildings in this City are traditionally followed closely by new development projects. In addition, the issuance of Final Certificates of Occupancy for completed projects increased over 9% in 2022, compared to the prior year. These important DOB-issued documents are only issued when a construction project is fully complete, with no outstanding issues or safety-related concerns.

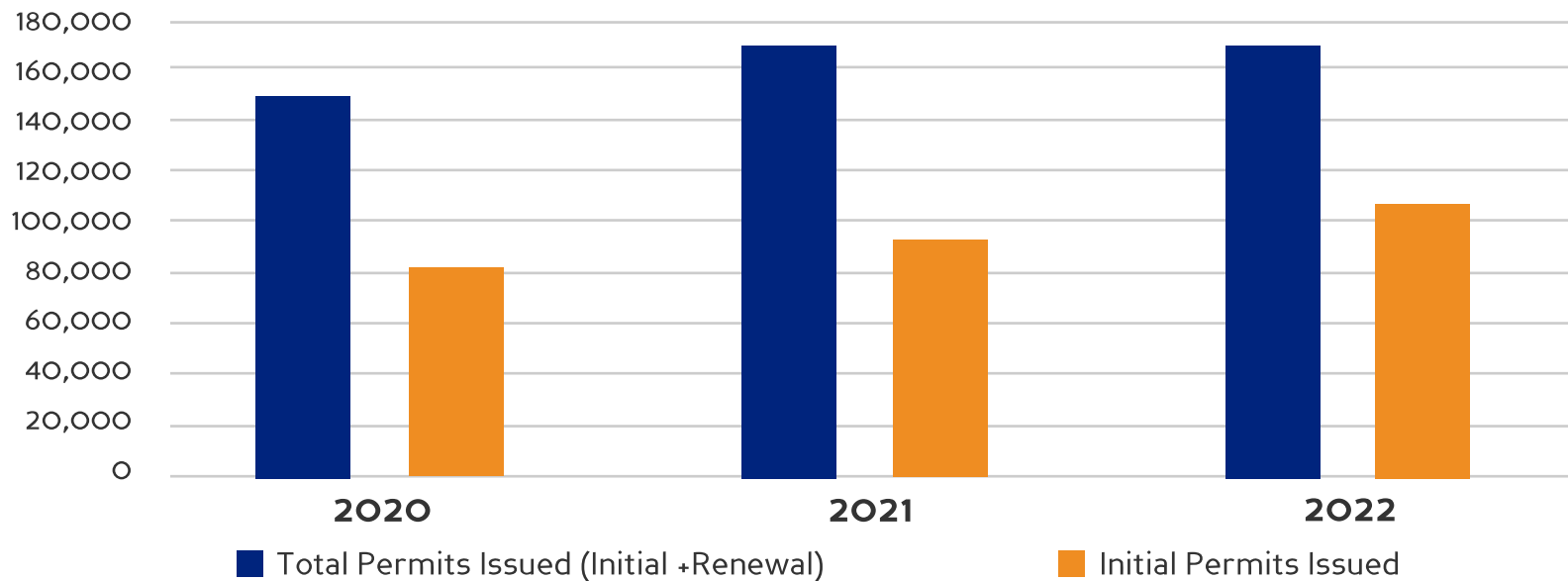
CONSTRUCTION ACTIVITY OVERVIEW

YEAR	TOTAL PERMITS ISSUED (Initial+Renewal)	INITIAL PERMITS ISSUED	INITIAL NEW BUILDING PERMITS ISSUED	FINAL CERTIFICATES OF OCCUPANCY ISSUED	PROPOSED DWELLING UNITS	NEW CONSTRUCTION FLOOR AREA
2020	147,760	80,6429	1,318	3,745	24,817	32,939,642
2021	168,423	93,200	1,683	3,542	25,581	42,925,470
2022	168,359	103,551	3,746	3,873	63,890	42,652,228

TOTAL PERMITS ISSUED BY BOROUGH (Initial + Renewal)

YEAR	BRONX	BROOKLYN	MANHATTAN	QUEENS	STATEN ISLAND
2020	13,526	40,072	57,970	28,995	7,197
2021	16,141	45,849	63,320	34,196	8,917
2022	17,195	46,289	61,827	34,121	8,927

CONSTRUCTION PERMITS ISSUED 2020 -2022



NEW CONSTRUCTION FLOOR AREA SQUARE FOOTAGE BY BOROUGH

YEAR	BRONX	BROOKLYN	MANHATTAN	QUEENS	STATEN ISLAND
2020	5,970,034	10,343,220	6,130,949	8,241,962	2,253,477
2021	10,072,123	10,914,039	9,974,870	9,866,354	2,253,477
2022	8,118,528	15,768,476	7,080,403	10,157,555	1,527,321

NEW BUILDINGS PERMITS BY BOROUGH

YEAR	BRONX	BROOKLYN	MANHATTAN	QUEENS	STATEN ISLAND
2020	147	334	53	442	342
2021	181	351	57	573	521
2022	502	1,176	234	880	954

INITIAL DEMOLITION PERMITS ISSUED CITYWIDE

YEAR	PERMITS ISSUED
2020	1,205
2021	1,335
2022	1,538

FINAL CERTIFICATES OF OCCUPANCY ISSUED BY BOROUGH

YEARS	BRONX	BROOKLYN	MANHATTAN	QUEENS	STATEN ISLAND
2020	318	1,119	326	1,368	614
2021	272	1,260	237	1,174	599
2022	253	1,295	381	1,393	551

CONSTRUCTION INCIDENTS

With the increase in citywide construction activity, the potential for construction-related incidents also increases. 2022 saw increases in incidents, injuries and fatalities on building construction sites, a trend which is in line with the similar increase in citywide construction activity. The year 2020 saw the lowest amount of building construction-related injuries and fatalities in New York City in recent years. The 2020 dip was due in part to the slowdown of construction activity related to the COVID-19 pandemic, and a statewide pause on all non-essential construction activity in Spring 2020. Even after the non-essential construction pause was lifted by the Governor, many building work sites remained closed and were slow to start back up. 2022 is now the second year in a row that both work site injuries and fatalities have increased, compared to the previous year.

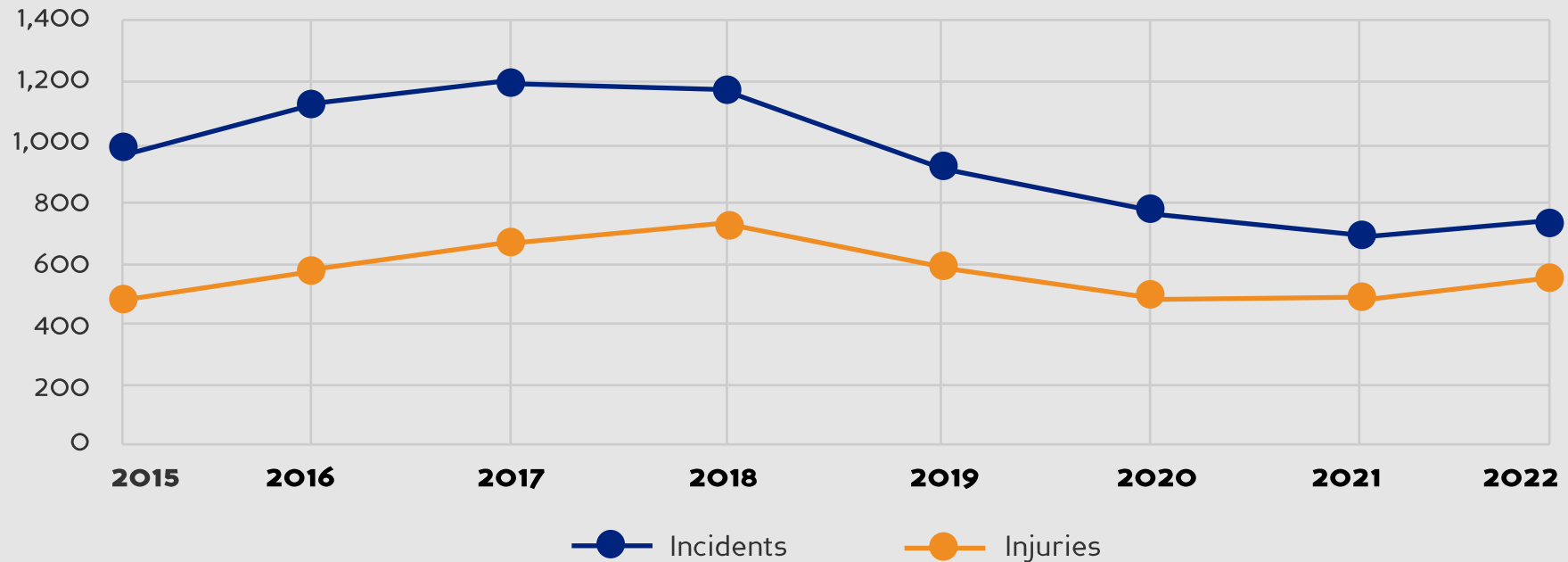
Despite the uptick in construction related incidents, injuries and fatalities, construction remains safer today than in years past. 2018 remains the highwater mark for building construction-related injuries at 759. The 554 injuries on building construction work sites that occurred in 2022 is a 27% decrease from this highwater mark five years ago. Even the relatively high number of injuries seen in 2018 represents only a small fraction, less than 1% of the City's construction industry, which includes hundreds of thousands of construction workers.

This year, worker falls continued to be the leading cause of fatalities and serious injuries on construction sites, by far. Falls from an elevation have long been the most common reason for injuries and fatalities in New York City, as well as across the state and the country. Contractors and safety supervisors can take steps to drastically reduce the risk of worker falls by adhering to DOB and OSHA safety regulations for guardrails, controlled access zones near leading edges, and appropriate fall arrest systems and harnesses.

CONSTRUCTION-RELATED INCIDENTS, INJURIES & FATALITIES

YEAR	INCIDENTS	INJURIES	FATALITIES
2015	1,011	472	12
2016	1,162	603	12
2017	1,212	671	12
2018	1,193	759	13
2019	960	594	14
2020	796	502	8
2021	712	505	9
2022	751	554	11

CONSTRUCTION-RELATED INJURIES & INCIDENTS



CONSTRUCTION-RELATED INCIDENTS BY BOROUGH

YEARS	BRONX	BROOKLYN	MANHATTAN	QUEENS	STATEN ISLAND
2020	63	187	435	100	11
2021	66	166	395	73	12
2022	88	212	332	110	9

CONSTRUCTION-RELATED INJURIES BY BOROUGH

YEARS	BRONX	BROOKLYN	MANHATTAN	QUEENS	STATEN ISLAND
2020	43	107	289	61	2
2021	48	105	300	45	7
2022	72	142	255	79	6

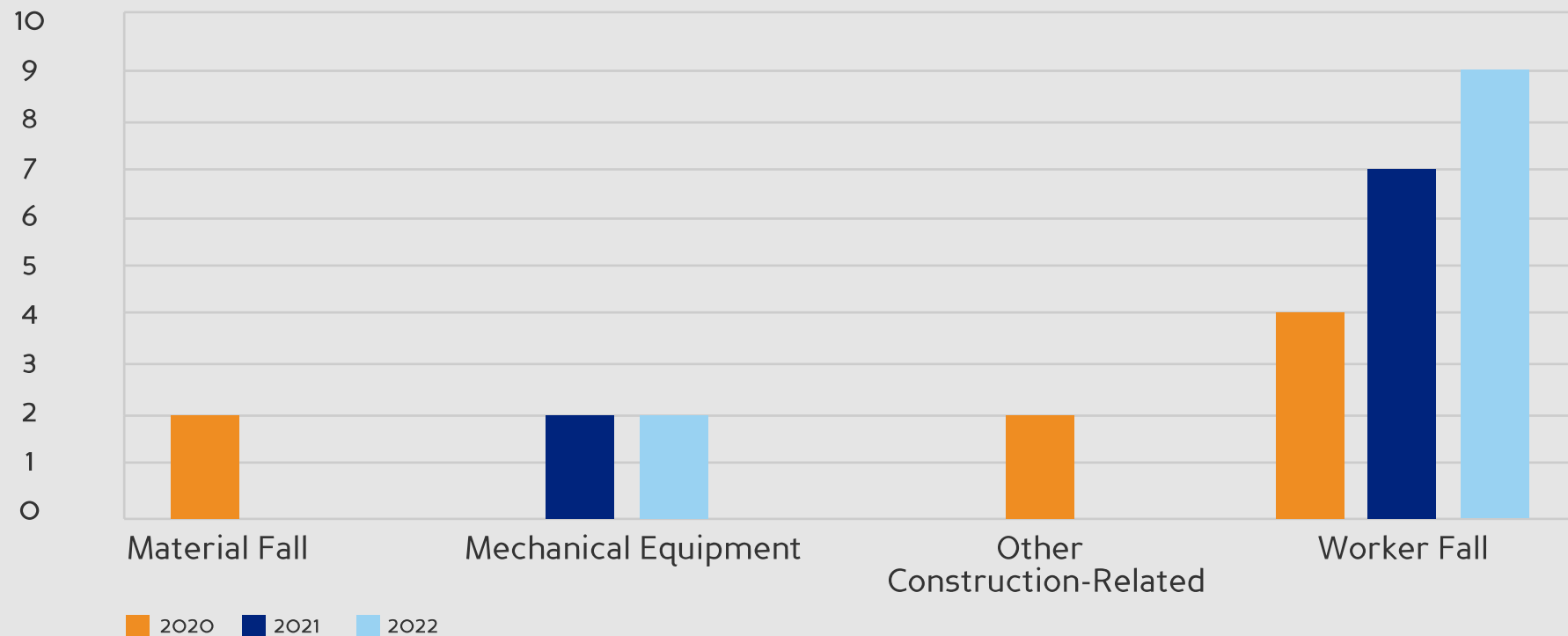
LEADING CAUSES OF BUILDING CONSTRUCTION-RELATED INJURIES 2020-2022



CONSTRUCTION-RELATED FATALITIES BY BOROUGH

YEARS	BRONX	BROOKLYN	MANHATTAN	QUEENS	STATEN ISLAND
2020	0	5	2	1	0
2021	1	3	3	1	1
2022	1	6	2	2	0

LEADING CAUSES OF BUILDING CONSTRUCTION-RELATED FATALITIES 2020-2022



The background of the entire page is a close-up, slightly blurred photograph of numerous wooden planks stacked horizontally. Each plank is secured with a metal fastener, likely a wedge or a bolt head, which is painted in various colors including red, blue, and white. The planks themselves are a natural wood color, showing some grain and wear. The overall composition is a dense, repetitive pattern of wood and metal.

FATAL CONSTRUCTION INCIDENTS 2022

In 2022, eleven workers lost their lives in building construction-related incidents under the Department's jurisdiction in New York City. Nine of the eleven fatal incidents were the result of worker falls, which continues to be the number one danger construction workers face on work sites. Worker falls can happen on sites of any size, and even a relatively short fall can lead to serious injury or death. Implementing proper fall prevention and work site safeguards should be a top priority for every contractor and site safety professional working in New York City. Below is a review of the fatal building construction incidents that occurred in 2022.



BROOKLYN HEIGHTS ROOF FALL

124 Columbia Heights, Brooklyn

- ❑ Permit Holder at the Time of Incident: KBENY, LLC
- ❑ Project Type: Alteration
- ❑ Incident Category: Worker Fall

On Friday, February 11th at approximately 10:30 a.m., a worker was taking measurements at the eighth-floor roof of the existing building. While standing near the edge of a roof parapet, the worker lost their balance and fatally fell to the second-floor setback below. The worker was not using a safety harness nor any other type of fall prevention system at the time of the fall. It was determined that the workers on the site did not receive a site-specific safety orientation, did not possess any Site Safety Training (SST) cards, and there was no record to indicate that they had participated in a pre-shift safety meeting before they began work that day, all requirements for work sites of this size.



PROSPECT HEIGHTS SUSPENDED SCAFFOLD FALL

295 St. Johns Place, Brooklyn

- ❑ Permit Holder at the Time of Incident: JEPOL CONSTRUCTION INC.
- ❑ Project Type: Façade Repairs
- ❑ Incident Category: Worker Fall

On Monday, March 21st at approximately 1:45 p.m., a rigging foreperson was standing on a sidewalk shed and adjusting a suspended scaffold rig in front of an existing 6-story apartment building. The suspended scaffold was being used for a permitted façade repair job at the location. While attempting to move from the suspended scaffold to a fire escape, the foreperson got caught between the two, lost their balance, and fell approximately thirteen feet, landing on top of a metal fence at ground level. The foreperson succumbed to their injuries.



RIDGEWOOD WORK SITE FALL

3-50 St. Nicholas Avenue, Queens

- ❑ **Permit Holder at the Time of Incident:** AB Capstone Builders Corp.
- ❑ **Project Type:** New Building
- ❑ **Incident Category:** Worker Fall

On Wednesday, April 6th at approximately 3:15 p.m., a worker was removing plywood formwork from a newly constructed first floor concrete stairwell at this new building development project. While this work was ongoing, the worker lost their footing and fell approximately twenty feet through a hole, landing in the basement below. The worker succumbed to their injuries. Our investigation determined that the safety measures that were instituted for the concrete operation at the site, and the required pre-shift safety meeting held the morning of the incident, were both inadequate.



KEW GARDENS SUSPENDED SCAFFOLD FALL

118-37 Metropolitan Avenue, Queens

- ❑ **Permit Holder at the Time of Incident:** Peter & Danny Contractors, LLC
- ❑ **Project Type:** Façade Repairs
- ❑ **Incident Category:** Worker Fall

On Monday, April 26th at approximately 9:05 a.m., workers were using a suspended scaffold to perform brick pointing work and lintel replacement on the façade of this four-story apartment building. One of the workers was standing on the building's fire escape and was trying to access the adjacent suspended scaffold, when they lost their footing and fell approximately 30 feet to the ground below. The injured worker was taken to the hospital where they later died of their injuries. It was determined that at the time of the incident, the work was being performed without the required Department permits and approvals. Further, it was determined that the workers were not tied off and the suspended scaffold was not properly installed.



EAST VILLAGE MUSEUM WORKER FALL

421 East 6th Street, Manhattan

- ❑ Permit Holder at the Time of Incident: EUROSTRUCT, Inc.
- ❑ Project Type: Interior Alteration
- ❑ Incident Category: Worker Fall

On Saturday, September 10th, workers were performing carpentry work inside of a museum building. While installing plywood plants on to metal ceiling beams, one of the workers fell approximately 15 feet, hitting their head on the ground. The worker was transported to a local area hospital, where they later died of their injuries. This fatal incident was not immediately reported to the Department of Buildings, as is legally required of the property owners and the contractor.



GREENPOINT EXCAVATOR BUCKET DETACHED

18 India Street, Brooklyn

- ❑ Permit Holder at the Time of Incident: LENDLEASE (US) CONSTRUCTION
- ❑ Project Type: New Building
- ❑ Incident Category: Mechanical Construction Equipment

On Monday, September 12th at approximately 9:15 a.m., workers were performing preparation work at a new building development site that was in the early excavation stage of the project. The workers were using an excavator that had been equipped with a lifting jib attachment to transport metal posts from one side of site to the other. While one worker in the excavator was lifting the metal posts, the lifting jib, which weighed approximately 1 ton, disconnected from the excavator and fell onto one of the workers. The worker succumbed to their injuries.



CROWN HEIGHTS SUPPORTED SCAFFOLD FALL

850 St. Marks Avenue, Brooklyn

- ❑ Permit Holder at the Time of Incident: BUILDERS-R-US CONSTRUCTION
- ❑ Project Type: Façade Repairs
- ❑ Incident Category: Worker Fall

On Tuesday, September 20th at approximately 9:45 a.m., a worker was standing at the top level of a supported scaffold that had been erected at a 6-story apartment building for a façade repair job at the location. The worker was removing several wooden planks from the scaffolding deck to make room for a motorized hoist, that would be used to carry material from the ground to the roof, when they fell through the opening and landed at the ground below. The worker succumbed to their injuries. It was determined that the hoist that the worker was planning to use was not on the approved plans for the façade repairs and supported scaffold.



FORT GREENE SIDEWALK SHED FALL

625 Fulton Street, Brooklyn

- ❑ Permit Holder at the Time of Incident: Galaxy Developers, LLC
- ❑ Project Type: New Building
- ❑ Incident Category: Worker Fall

On Wednesday, November 2nd at approximately 8:30 a.m., workers were installing a sidewalk shed in front of a new building development site that was at the foundation stage. One of the workers was installing an I-Beam for the shed, when they lost their footing and fell into the work site, a drop of approximately twenty feet. The beam they were installing also fell and landed on top of the worker. The worker was taken to the hospital where they later died of their injuries.



UPPER WEST SIDE SUPPORTED SCAFFOLD FALL

263 West End Avenue, Manhattan

- ❑ Permit Holder at the Time of Incident: J&S WATERPROOFING
- ❑ Project Type: Façade Repairs
- ❑ Incident Category: Worker Fall

On Monday, November 28th at approximately 11:25 a.m., a worker was installing safety netting around a supported scaffold, that had been installed in front of a 22-story apartment building that was undergoing permitted façade repairs. The worker was standing on the scaffold at the 15th floor when they fell, landing on the deck of the sidewalk shed below. The worker succumbed to their injuries. It was determined that the worker was wearing a safety harness, but the harness was not tied off to an anchor point. It was also determined that the area of the supported scaffold where the fall occurred was missing planks.



MOUNT HOPE STRUCK BY EXCAVATOR

334 East 176th Street, Bronx

- ❑ Permit Holder at the Time of Incident: Joy Construction Corp.
- ❑ Project Type: New Building
- ❑ Incident Category: Worker Fall

On Thursday, December 15th at approximately 11:55 a.m. workers were performing housekeeping operations at a new building development project that was in the excavation stage. One of the workers was standing near an excavator, when the arm of the excavator dropped, causing the excavator bucket to strike the worker on the head. The worker succumbed to their injuries.



BOROUGH PARK ROOF FALL

1662 45th Street, Brooklyn

- ❑ **Permit Holder at the Time of Incident:** Ultimate Pavers Corp.
- ❑ **Project Type:** Alteration
- ❑ **Incident Category:** Worker Fall

On Thursday, December 15th at approximately 1:55 p.m., a construction worker was performing waterproofing work on the roof of a residential home that had recently added a third story to the existing structure, when the worker lost their footing and fell approximately 35 feet down to the ground below. The worker succumbed to their injuries.

A background image of a construction site. A large yellow crane is lifting a heavy, dark-colored rectangular object. Two workers in orange safety gear are on a red scissor lift, positioned near the base of the lift. The background shows a multi-story building with many windows. The sky is blue with some light clouds.

NEAR MISSES & MAJOR NON-FATAL INCIDENTS 2022

The Department investigated hundreds of other construction-related incidents in 2022 that could have also easily ended in a fatality, but thankfully did not, despite having all the makings of a potentially fatal incident. Reviewing these incidents shows that even non-fatal incidents on construction sites can have serious consequences, resulting in severe injuries, work stoppages and costly repairs. Below is a review of several notable potentially fatal near misses of 2022.



ELMHURST WORKER SAVED BY FALL ARREST HARNESS

46-09 69th Street, Queens

- ❑ Permit Holder at the Time of Incident: OMNIBUILD CONSTRUCTION, Inc.
- ❑ Project Type: New Building
- ❑ Incident Category: Worker Fall

On Friday, January 14th, at approximately 1:25 p.m., a worker was performing decking operations on a hoisting platform on the second floor of an under construction 15-story new building project, when they lost their balance and fell off the platform. The worker was wearing a harness that was properly tied off, preventing them from falling to the ground. The worker was rescued by first responders and taken to the hospital for observation. This properly utilized fall prevention system prevented serious injury or death in this case.



UPPER WEST SIDE EXCAVATOR FLIPS OVER

2686 Broadway, Manhattan

- ❑ Permit Holder at the Time of Incident: GEM-QUALITY CORP.
- ❑ Project Type: Roof Repairs
- ❑ Incident Category: Mechanical Construction Equipment

On Wednesday, March 16th, at approximately 2:30 p.m., a worker was using an excavator at a 13-story new building development work site that was at the excavation and foundation phase of the project. When a worker drove the excavator up a ramp out of the site, the ramp collapsed, causing the machine to flip over. No workers were injured as a result of the incident. Another excavator was used to assist in getting the excavator in the upright position, so it could be removed from the site. It was determined that the ramp at the excavation site was not properly maintained, which contributed to the collapse.



CLAREMONT VILLAGE WORKER HOISTED INTO AIR

1368 Webster Avenue, Bronx

- ❑ **Permit Holder at the Time of Incident:** GEM-QUALITY CORP.
- ❑ **Project Type:** Roof Repairs
- ❑ **Incident Category:** Mechanical Construction Equipment

On Thursday, May 26th, at approximately 11:45 a.m., workers were using a hydraulic swing hoist to transport construction materials up to the top of a 21-story building, for a roof repair project. One of the workers at ground level got their leg caught by the tag line attached to the hoist and was dragged up alongside the building to the seventh story before the other workers at the site were able to stop the hydraulic hoist and safely bring the worker back down to ground level. The worker was transported to the hospital for their injuries. It was determined that the contractor failed to institute and maintain proper safety measures at the site, failed to follow the manufacturer's instructions for use of the hoist, and failed to provide an adequate pre-shift safety meeting for the workers.



GOWANUS SUPPORTED SCAFFOLD COLLAPSE

584 4th Avenue, Brooklyn

- ❑ **Permit Holder at the Time of Incident:** B CONTRACTORS GROUP, LLC
- ❑ **Project Type:** New Building
- ❑ **Incident Category:** Other Construction-Related

On Wednesday, August 10th, at approximately 9:50 a.m., three workers were standing on a cantilevered needle beam scaffolding at an under construction new building work site, when the scaffolding tipped over, sending the three workers down to the floor below, an approximately 10-foot drop. All three workers were taken to the hospital for their injuries. It was determined that the scaffold was not properly restrained.

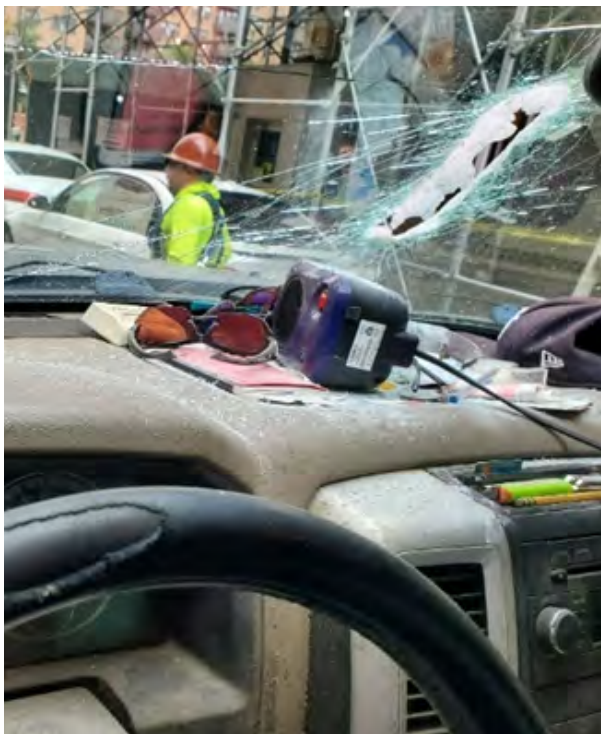


BEDFORD PARK KNUCKLE BOOM TRUCK COLLAPSES ON TO VEHICLE

33 Bedford Park Boulevard, Bronx

- ❑ **Permit Holder at the Time of Incident:** All State 12 General Contracting Corp.
- ❑ **Project Type:** New Building
- ❑ **Incident Category:** Mechanical Construction Equipment

On Tuesday, September 20th, at approximately 10:40 a.m., workers were using a knuckle boom truck to lift an approximately 1,600-pound load of rebar up to the working deck of an under construction 11-story new building project. The boom truck operator extended the boom to a high angle, causing the boom to fail and collapse on to a passing car. First responders on scene were able to extricate the driver from the vehicle. The driver sustained minor injuries. It was determined that a series of decisions made by the boom truck operator contributed to the collapse, including operating the boom contrary to the manufacturer's instructions on how to safely use the equipment.



UPPER EAST SIDE CONSTRUCTION DEBRIS RAINS ON VEHICLE

409 East 79th Street, Manhattan

- ❑ **Permit Holder at the Time of Incident:** Preserve Building Restoration Mgmt., Inc.
- ❑ **Project Type:** Façade Repairs
- ❑ **Incident Category:** Debris Fall

On Monday, October 17th, at approximately 10:30 a.m., workers were hoisting construction material to the top of a church building using a pulley system, as part of an ongoing façade restoration project. While lifting a load of metal bars, the canvas bag holding the bars ripped, sending debris down to the sidewalk shed below. One of the metal bars fell to the street below, striking the front windshield of a parked vehicle and embedding into the front seat of the vehicle. Thankfully, no one was sitting in the vehicle at the time, and there were no injuries reported to the Department associated with this incident. It was determined that the canvas bag being used for hoisting operations was inadequate for the job.

CONSTRUCTION ENFORCEMENT



Construction contractors and safety supervisors are the first line of defense when it comes to safeguarding the work site. They are responsible for providing a safe, compliant work environment for everyone who steps on a construction site, and it is their consistent oversight of ongoing work that is the most important factor in reducing construction site hazards. When those in charge of a building construction work site cut corners and disregard safety regulations, they put their workers and the public in danger.

The Department is committed to holding bad actors accountable, in order to promote a safer built environment for everyone. This includes conducting over 300,000 construction inspections every year, including proactive inspections of the City's largest construction sites on a regular basis and responding to serious complaints expeditiously. In 2022, while the Department performed thousands of more proactive monitoring inspections of large work sites and responded to complaints quicker than in the previous year, overall violation issuance and Stop Work Order issuance were down.

The decrease in the total number of violations and Stop Work Orders issued can be attributed in part to the implementation of initiatives at the Department that put more focus on safety education. Of note, the Department for the first time issued and disseminated guidance to the construction industry on the specific reasons why a Stop Work Order might be issued, to educate contractors on the proactive steps they can take to implement the required safeguards at their sites and prevent costly work stoppages.

The Department also continues to hold licensees and other construction professionals accountable when it finds egregious behavior that is putting New Yorkers at risk, which includes issuing violations for serious conditions. Other actions include license suspensions or revocations, probation, fines and the loss of filing privileges.

CONSTRUCTION ENFORCEMENT OVERVIEW

YEAR	CONSTRUCTION SAFETY VIOLATIONS ISSUED	STOP WORK ORDERS ISSUED
2020	68,496	11,313
2021	80,460	10,414
2022	51,909	9,747

AVERAGE TIME FOR DOB TO RESPOND TO COMPLAINTS (Days)

YEAR	PRIORITY A COMPLAINTS	PRIORITY B COMPLAINTS
2020	0.23	12.51
2021	0.21	10.62
2022	0.18	9.71

OATH VIOLATIONS ISSUED BY CLASS

YEAR	CLASS 1	CLASS 2	CLASS 3
2020	32,640	34,164	1,692
2021	34,949	43,818	1,693
2022	21,636	28,894	1,379

CLASS 1 = Immediately Hazardous Violation CLASS 2 = Major Violation CLASS 3 = Minor Violation

TOTAL VIOLATIONS BY BOROUGH

YEAR	BRONX	BROOKLYN	MANHATTAN	QUEENS	STATEN ISLAND
2020	10,647	23,944	17,353	14,373	2,179
2021	13,052	27,041	19,751	17,915	2,701
2022	8,562	18,630	12,392	10,848	1,477

TOTAL STOP WORK ORDERS BY BOROUGH

YEAR	BRONX	BROOKLYN	MANHATTAN	QUEENS	STATEN ISLAND
2020	1,108	4,788	2,612	2,467	338
2021	1	4,066	2,570	2,472	325
2022	1,130	4,236	53	9	289

DISCIPLINARY ACTIONS AGAINST LICENSEES & OTHER CONSTRUCTION PROFESSIONALS

YEAR	DISCIPLINARY ACTIONS
2020	57
2021	53
2022	53

SITE SAFETY ENFORCEMENT AT LARGER CONSTRUCTION SITES

A significant portion of the Department's enforcement resources are dedicated to enforcing safety regulations on the larger and more complex work sites around the City. Known as **Site Safety Training (SST)** work sites, these larger and more complex projects require Department-approved site safety plans and supervision by a Construction Superintendent or a designated Competent Person. The largest of these sites, which are termed Major Buildings, require the supervision of dedicated Site Safety Managers (SSM) and Site Safety Coordinators (SSC).

All workers and supervisors on SST sites in New York City must have SST identification cards issued by DOB-approved training providers, indicating the successful completion of mandatory safety training courses, a requirement of Local Law 196 of 2017.

Total Number of Site Safety Training Work Sites in the City in 2022	9,991
Total Number of Site Safety Professionals Licensed by DOB (CS, SSM, SSC)	6,013
Total Number of SST Cards Issued Since Passage of Local Law 196 of 2017 (Temp, Site Safety, and Supervisor)	259,625



Monitoring Inspections 2020	10,809
Monitoring Inspections 2021	13,483
Monitoring Inspections 2022	21,011

The Department closely tracks the thousands of these larger work sites located across the City and has an enforcement unit dedicated to conducting unannounced proactive monitoring inspections of each of these work sites multiple times every year to check for compliance with SST and other site safety regulations. In recent years, we have worked to increase the number of onsite visits to these larger and more complex work sites in the City. Thanks in part to digitizing and automating the paperwork component of our monitoring inspection, DOB was able to conduct 55% more monitoring inspections on these larger SST work sites in the City compared to 2021.

As of March 18, 2023, the Department is only accepting new updated Site Safety Training (SST) cards that have been issued through the NYC DOB Training Connect platform. The SST cards issued through NYC DOB Training Connect, include an NFC chip that can be scanned to validate the authenticity of the card, and will help prevent fraud. The Department conducted outreach to workers and contractors to inform them that those with an older SST Card issued before January 1, 2022, needed to contact the course providers who issued their card to have it replaced with a NYC DOB Training Connect SST Card. In the past several months, the Department has seen a surge of workers getting their NYC DOB Training Connect SST Cards, tens of thousands since the beginning of 2023. Currently there are **259,625** individual construction workers who possess an SST card allowing them to work on these bigger, more complex work sites throughout the City.

SITE SAFETY TRAINING (SST) CARDS ISSUED BY YEAR

2019	2020	2021	2022	2023 (YTD)
20,423	56,846	64,091	85,608	32,657

STRATEGIES TO IMPROVE CONSTRUCTION SAFETY IN NEW YORK CITY

The Department is committed to continuing the strong enforcement of existing safety regulations related to construction sites in New York City, while exploring new ways to promote a culture of safety within the development industry.

WINTER CONSTRUCTION SAFETY CAMPAIGN

In late December 2022, the Department announced the start of a new winter construction safety campaign aimed at spreading awareness of the potential for serious injuries while on the job if safety regulations are ignored. The safety campaign, which is running through the winter and spring months, includes citywide enforcement sweeps and educational outreach to active building construction work sites, regardless of size. This new campaign was launched in response to four tragic construction fatalities that occurred in separate building construction-related incidents in the months of November and December of 2022, all of which are referenced earlier in this report.

A key component to this campaign is the emphasis on the importance of **Tool Box Talks**, which are pre-shift safety meetings that are a legal requirement for all of the City's larger and more complex work sites. These Tool Box Talks are an important refresher on best-safety practices on the work site, as they provide a full rundown of all activities and tasks that are scheduled to be performed during the shift, including specific safety concerns or risks associated with the work.



The educational component of this winter safety campaign builds upon the work of the Department to increase work site safety awareness in the construction industry, which in 2022 included virtual construction safety seminars held in multiple languages, public service announcement campaigns, direct outreach on construction sites, and the continued collaborative work we do with industry partners to foster this culture of safety.

WINTER CONSTRUCTION SAFETY CAMPAIGN DATA

Sites Visited	7,841
Violations Issued	4,481
Stop Work Orders Issued	1,277

YEAR-ROUND SAFETY EDUCATION INITIATIVES



To promote safe work practices on building construction sites in our City, the Department conducts year-round construction safety outreach events, to hammer home the preeminence of safety considerations above all else on the work site.

In early May 2022, Department staff fanned out to construction sites across the five boroughs to disseminate construction safety information for Construction Safety Week, an annual event held around the country. In 2022, we brought back our popular construction safety-branded food truck for a five-borough construction site tour during Construction Safety Week, to hand out free food, coffee, and multi-lingual safety information to construction workers.

In July 2022, the Department held its first in-person **build safe|live safe Conference** since the beginning of the COVID-19 pandemic, bringing together hundreds of industry professionals in Lower Manhattan to talk about safety on the work site, and give educational presentations on construction regulations and site safety requirements. In addition to the Department's own construction safety conference, agency staff also participate in construction safety events and conferences held by outside organizations throughout the year.

The Department also continued to produce and disseminate construction safety literature, construction safety advertisements on subways, and public service announcements videos for the construction industry in 2022.

CHANGES TO CONSTRUCTION SUPERINTENDENT REGULATIONS

In July 2022, the Department took a major step forward in improving supervision on SST work sites by lowering the total number of work sites that a single Construction Superintendent is legally allowed to oversee at any one time, from ten down to five. This change means that Construction Superintendents, professionals responsible for safety on the work site, will actually be on that site more often in order to catch unsafe conditions and prevent potential incidents before they occur. With fewer work sites to oversee at any one time, the Construction Superintendent can devote more of their time on each site, while reducing the amount of time they need to designate a Competent Person to oversee work in their absence.

Over the next several years, the Department will continue reducing the number of work sites a single Construction Superintendent can oversee to just one, resulting in a dedicated, full-time Construction Superintendent at each SST work site in the City. This reduction to a single job site will occur by January 1, 2027. The Department is gradually decreasing the number of jobs a Construction Superintendent can hold over time so that the industry has time to adjust, and more construction professionals can obtain these site safety qualifications.





MAJOR PROJECTS PROGRAM LAUNCHED

In September 2022, the Department officially kicked off our **Major Projects Program** and launched our fully staffed **Major Projects Unit (MPU)**. This new voluntary program is open to developers who are embarking on proposed tower developments, significant new building and enlargement projects, and other complex projects deemed eligible by the Department, to help them navigate the planning and development process. These work sites are the largest in the City, many with hundreds of construction workers on site on any given day.

MPU is dedicated to assisting these large projects improve both safety and efficiency on their complex work sites by increasing the levels of support and collaboration throughout the entire duration of the development process, from the initial application filings, all the way to the final sign-offs of the completed project. By providing consistent consultations to these developers regarding planning for effective compliance with City regulations, this program works to help construction projects get off the ground safely and avoid work stoppages.

Developers who sign up for the program are subject to additional fees, and inclusion in the program is determined on a first come, first serve basis. To date, 39 major development projects have voluntarily entered the project and are currently working with MPU on their projects. So far 28 of these projects have already obtained approvals for their job filings.