

# Lithium-Ion Battery Policy

May 22-24, 2023

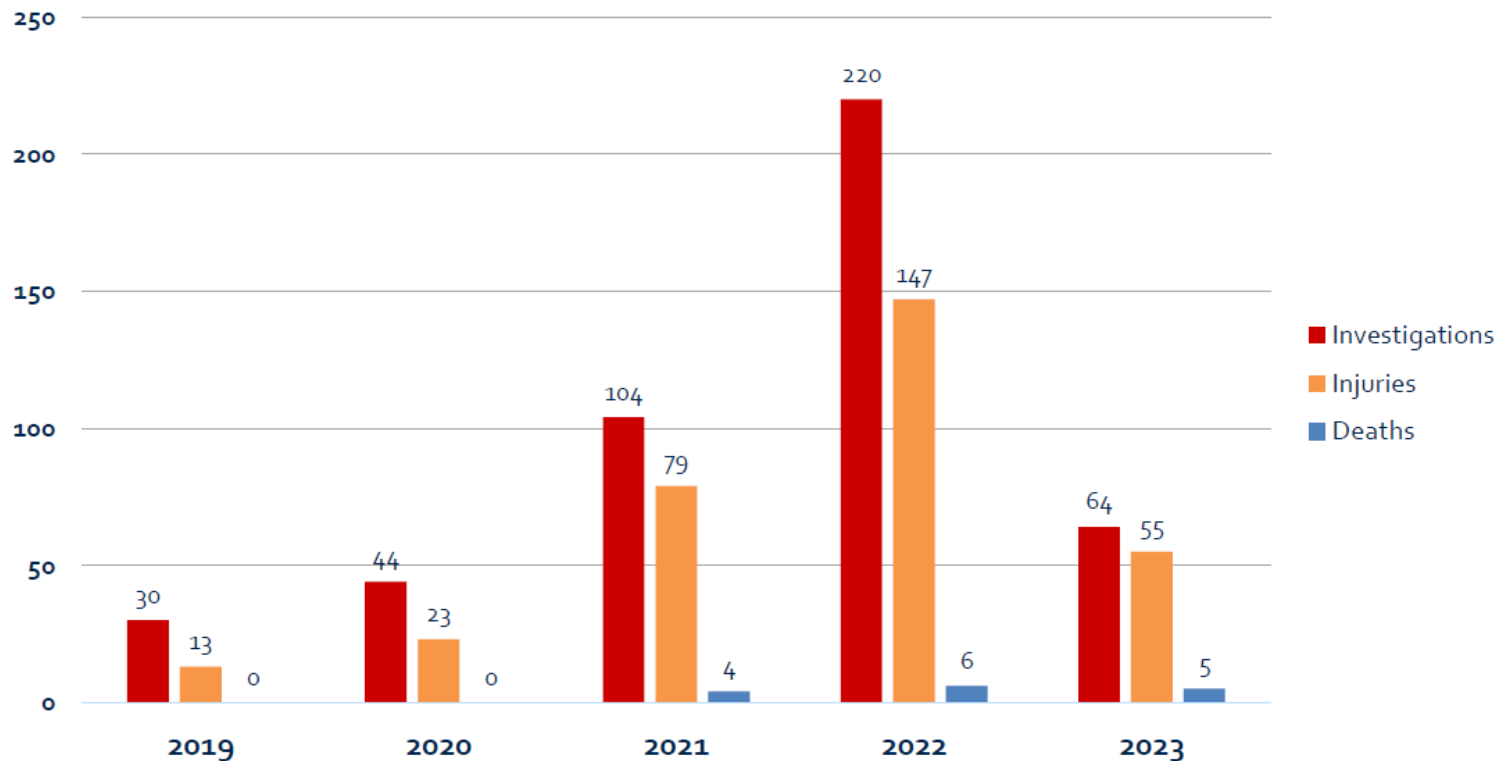
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**sanitation**

# Battery Fires

Lithium-Ion Investigations + Injuries & Fatalities



Data as of 4/21/2023

\*Includes all lithium-ion related fires

\*Deaths and Injuries are subsets of Investigations

Source: FDNY Bureau of Fire Investigation

# Communications

## Avoid Fires!

Lithium-ion Batteries in **Electronic Bikes** and **Scooters** Can Cause Serious Fires

### Safe Usage

- Check that devices meet fire safety standards—look for the (UL) trademark.
- Do not block doorways and windows with devices.

### Safe Charging

- Follow the manufacturer's instructions.
- Do not charge near beds and couches, or charge overnight or unattended.

### Safe Storage

- Do not place devices in direct sunlight—keep at room temperature.
- Do not store near anything flammable or combustible.

### Safe Disposal

- It is illegal to discard rechargeable batteries in the trash or recycling.
- Visit [nyc.gov/batteries](https://nyc.gov/batteries) for disposal options.
- If you notice changes in the batteries of your electronic bikes, scooters, or hoverboards (odor, change in shape/color, leaking or odd noises), call 911 immediately.

### In Case of Explosion or Fire

1. Evacuate immediately
2. Close the door behind you
3. Call 911



[nyc.gov/batteries](https://nyc.gov/batteries) | call 311  
@NYCSanitation • NYCzerowaste



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NYC  
Emergency  
Management

 nycsanitation



nycsanitation When you throw batteries away, they don't just disappear.

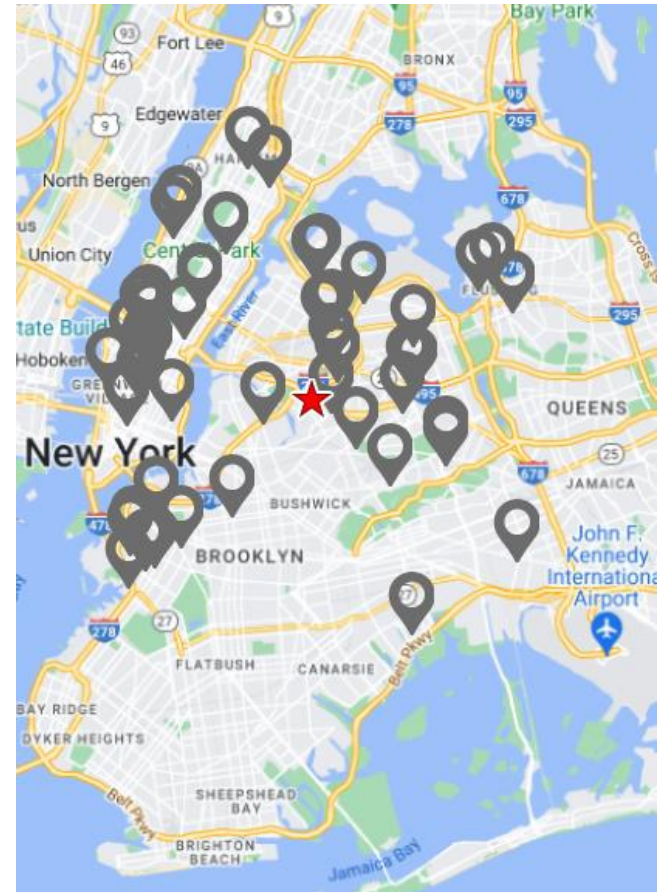
They can put #NewYorksStrongest AND @FDNY at risk - and create truck fires like this, which are up 325% year over year.

Still think it doesn't matter?

Go to [nyc.gov/batteries](https://nyc.gov/batteries) or see link in bio to learn how to do the right thing.

# Battery Management/Disposal

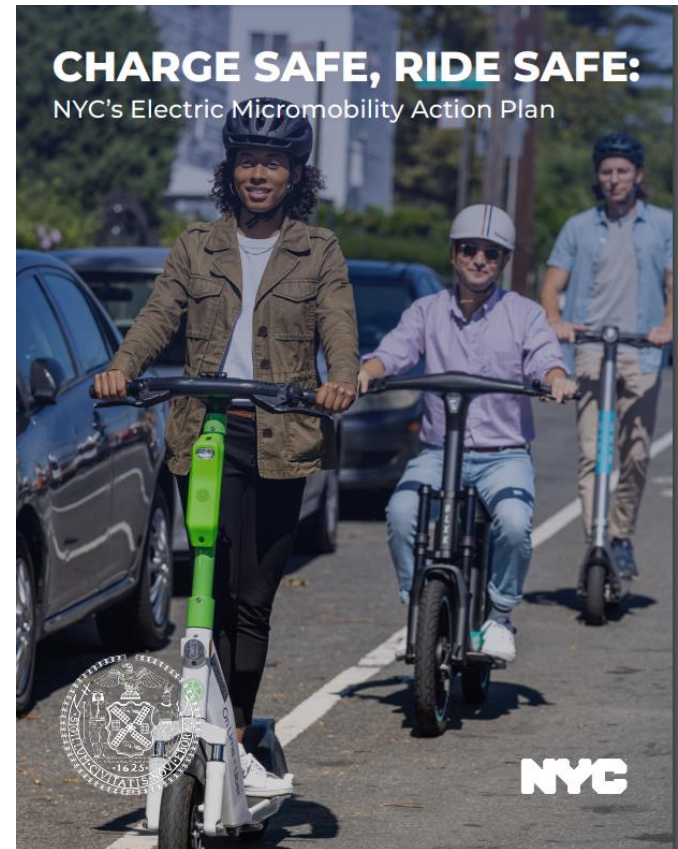
- Residents can recycle most rechargeable batteries at retail stores that sell them
- Embedded batteries and e-mobility batteries are not covered by the NYS Rechargeable Battery Law
  - Can only be brought to limited locations and events run by the City
- DDR batteries are considered hazardous waste



# NYC Micromobility Task Force

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- Support New Yorkers' Transition to Safe and Legal E-Micromobility
  - Pilot outdoor storage and charging
- Fire Safety Public Education
- Regulation and Enforcement
  - Improve standards for batteries sold in NYC
  - Safe disposal options
- Promote the Growth of Safe E-Micromobility and Cycling
  - Bike safety education
  - Innovative safe cycling infrastructure



# NYC Battery Policy

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- Intro 656: Requires FDNY to develop an educational campaign on fire risks posed by e-mobility devices
- Intro 663: Bans sale of storage batteries for powered mobility devices unless they are UL certified
- Intro 722: Requires FDNY to report on safety measures to mitigate fire risk associated with e-mobility devices
- Intro 749: Providing food delivery workers with information on safety measures that mitigate fire risks posed by e-mobility devices
- Intro 752: Prohibits the sale and assembly of second-use lithium-ion batteries

# NYS Battery Policy

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- NYS Rechargeable Battery Law, 2010
  - Illegal to dispose of rechargeable batteries
  - Stores that sell rechargeable batteries are required to take them back
  - Manufacturers must fund collection and recycling
- S. 643 Kavanaugh/ A. 7339 Glick proposed amendment
  - Allows for NYC enforcement
  - Modifies definition to include some e-mobility batteries
- S.154B (Krueger) / A.4938A (Dinowitz) - Requirement of UL Standard for Batteries
- S.157 – (Krueger) / A.5310 (Dinowitz) - Ban on Second Use Lithium-Ion Batteries

# Federal Policy/Voluntary EPR

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- H.R. 1797 Torres / S. 1008 Gillibrand Setting Consumer Standards for Lithium-Ion Batteries Act
  - Requires CPSC to promulgate a safety standard for lithium-ion batteries
- FDNY has called on the CPSC to ban faulty lithium-ion batteries from entering the US
- People for Bikes and Call2Recycle have a voluntary take back program for e-bike batteries with 54 participating brands and 1,800 retail drop-off locations across the country



**peopleforbikes**

**call2recycle<sup>®</sup>**