



# New Jersey Battery Stewardship Annual Report

REPORTING PERIOD: JANUARY – JUNE 2021

## **Prepared for:**

New York State Dept. of Environmental Conservation  
Division of Materials Management - PS&WR Section  
625 Broadway  
Albany, NY 12233-7253

## **Prepared and Submitted by:**

Call2Recycle, Inc.  
1000 Parkwood Circle, Suite 200  
Atlanta, GA 30339  
678-419-9990 | [call2recycle.org](http://call2recycle.org)

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# NEW JERSEY BATTERY STEWARDSHIP ANNUAL REPORT – FIRST HALF 2021

## Battery Recycling Collections

In the first half of 2021, Call2Recycle collected a total of 57,700 lbs. of rechargeable batteries and 413 pounds of cell phones. Below please find the specific recycling collection data by material type:

Rechargeable Battery Collections (lbs.)		
Material Type	Material Name	January - June 2021
Rechargeable	SSLA/Pb	23,496
Rechargeable	Li-Ion	11,015
Rechargeable	Ni-Cd	13,251
Rechargeable	Ni-MH	1,189
Primary	Alkaline/Carbon Zinc	7,285
Primary	Lithium	485
Cell Phone	Cell phone	413
Cell Phone	Accessories	8
Other	Other	559
<b>Total Pounds Collected</b>		<b>57,700</b>
<b>Total Pounds Rechargeable Batteries</b>		<b>48,951</b>

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## Proper Battery Management

Batteries collected from New Jersey State residents are transported to sorting facilities where they are separated by battery chemistry and then sent to appropriate specialty processors. These processors extract material to be used in the manufacturing of new products. Below please find the “physical flow” (see below) of where batteries go after they are dropped off at a Call2Recycle participating collection site.

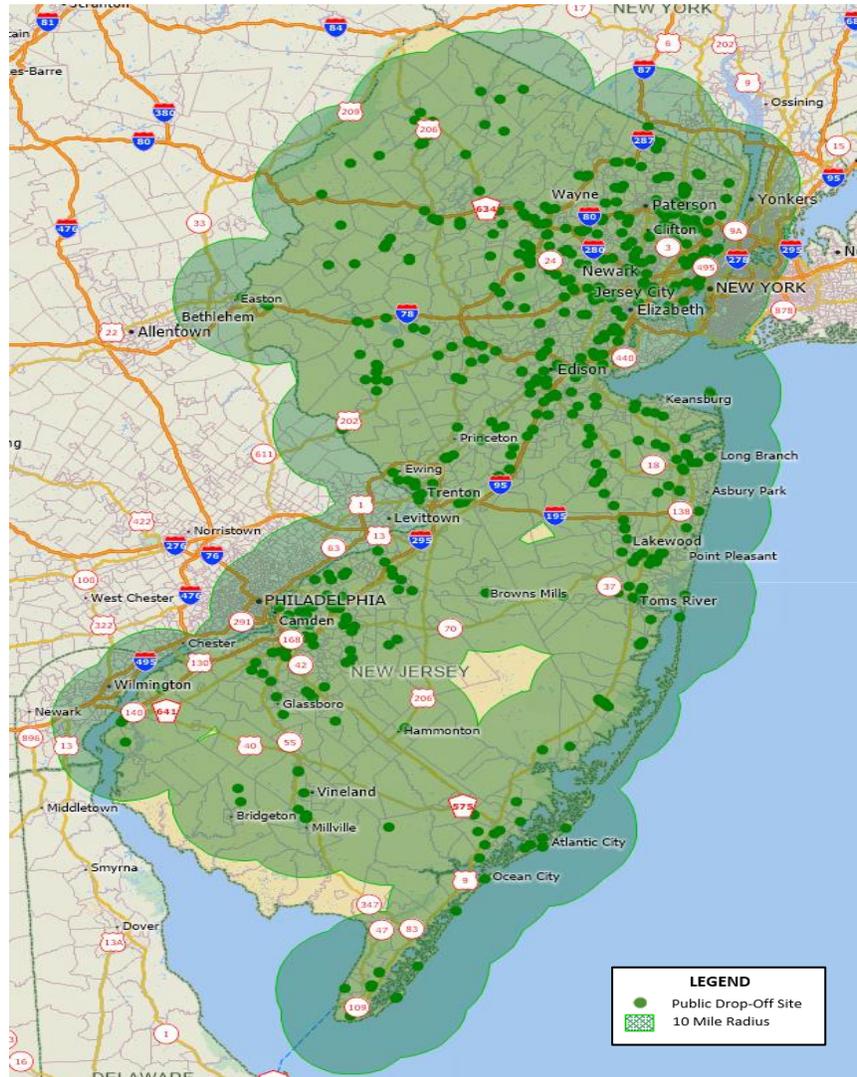


Batteries are responsibly and safely recycled according to Responsible Recycling 2013 (R2) standards. Cellphones are either refurbished and resold or recycled, with the proceeds used to fund the cellphone collection program and educational outreach.

# NEW JERSEY BATTERY STEWARDSHIP ANNUAL REPORT – FIRST HALF 2021

## Public Recycling Site Accessibility

To optimize the percentage of the U.S. population that has access to battery and cellphone recycling through the Call2Recycle collection site network, Call2Recycle has developed a standard for measuring public recycling accessibility, specifically for batteries and cellphones. This accessibility rate measures the percent of a state's population that lives within a 10-mile radius of an available Call2Recycle drop off location. By year's end 2020, Call2Recycle achieved an 96% accessibility rate in New Jersey State. Please see the adjacent map for specific details.



Site Type	Number of Sites - 2021
Number of Active Public Sites	185
Number of Active Private Sites	191
Public Accessibility Rate	98%

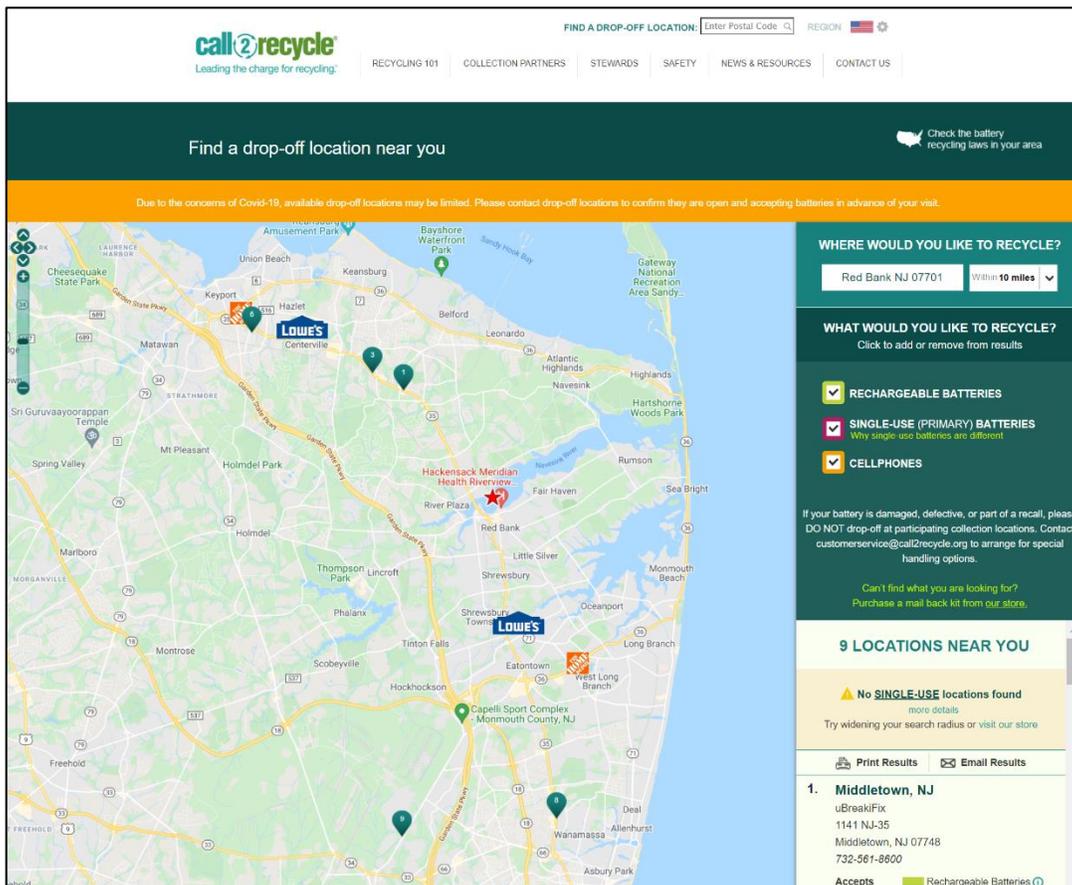
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## Website Statistics

Call2Recycle's outreach efforts focus on driving consumers to our interactive web site, which provides educational resources and a locator to identify convenient battery recycling drop-off sites.

One of the most viewed sections of the website is the public drop-off site locator tool. This tool allows New Jersey State residents to enter their City/Town or zip code to find the nearest Call2Recycle participating site to recycle their used rechargeable batteries.

The locator tool was used 27,060 times by New Jersey State residents to find a Call2Recycle drop-off location.



[www.call2recycle.org](http://www.call2recycle.org)

## Damaged, Defective or Recalled Lithium-Ion Batteries

The safe handling, transport and disposal of used batteries, specifically lithium-based batteries, continues to be a core tenet of the Call2Recycle program. A difficult to manage subset of lithium-ion batteries are ones that are Damaged, Defective or Recalled (DDR).

These DDR batteries require special handling per U.S. Department of Transportation regulations and cannot be placed in a typical Call2Recycle collection box. In 2019, Call2Recycle began offering collection sites across the U.S., compliant and easy to use specialty storage and shipping kits (See below).

EXAMPLE OF A DDR BATTERY



CALL2RECYCLE DDR KIT



## Active Participating Stewards

3M Automotive Aftermarket Division  
3M Construction & Home Improvement  
3M Electrical Markets Division (EMD)  
3M Food Safety Division (FSD)  
3M Medical Solutions Division (MSD)  
3M Oral Care Solutions Division (OCSD)  
3M Personal Safety Division  
A2Z Development Center Inc.  
Ace Hardware Corporation  
Acer America Corporation  
Aero Design, Inc.  
Alcatel and Alcatel Onetouch  
Allied Intl/Allied Tools  
Alta Cycling Group, LLC  
Amazon.com, Inc.  
American Honda Motor Co., Inc.  
American Toppower  
APC America Inc. Schneider Electric  
Arlo Technologies, Inc.  
Arris Group, Inc.  
Asus Computer International, Inc.  
Away  
Baccus Global LLC  
Balmuda Inc.  
Barnes and Noble.com, LLC  
Bayco Products, Inc.  
Best Buy Co., Inc.  
Bissell Homecare, Inc.  
Bose Corporation  
Boxine US, Inc.  
Brother International Corporation  
Canon U.S.A., Inc.  
Car Mate USA Inc.  
Changzhou Globe Tools Co. Ltd.  
Chervon HK Limited  
Cisco Systems Inc.  
Computer Technology Link Corp. (DBA CTL)  
Daye North America  
Deere & Company (John Deere)  
Delhaize America (Hannaford Suprmkts)  
Dell Inc.  
Dell Canada, Inc.  
Deltran USA LLC  
DLG (Shanghai) Electronic  
Do it Best Corp.  
Dollar General Corporation  
Dorcy International  
Duracell US Operations  
Dynabook Americas, Inc.  
Eaton Corporation  
Echo Incorporated  
Enerco Group Inc.  
Energizer Holdings, LLC  
Energizer Power Systems

EnerSys Delaware Inc.  
Epson America, Inc.  
Family Dollar Stores of NY, Inc.  
Fdk America, Inc.  
FujiFilm Holdings America Corp.  
Garmin International, Inc.  
GiiNii Tech Corporation  
Global Technology Systems, Inc.  
Google, Inc.  
GS Yuasa Energy Solutions, Inc.  
Guangdong Fenghua New Energy Co. Ltd.  
Harbor Freight Tools USA, Inc.  
HD Supply Holdings, Inc.  
Hewlett Packard Enterprise  
Hilti, Inc.  
HoMedics USA, LLC  
Honeywell International Inc.  
HP Inc.  
Husqvarna AB  
HYTORC Industrial Bolting Systems  
IDX System Technology Inc.  
Inspired Energy, LLC  
Intermetro Industries Corp.  
Interstate Batteries Inc.  
Invacare Corporation  
Invox Hardware Limited  
iRobot Corporation  
JIN CO Ltd  
JLG Industries Inc.  
JVCKENWOOD USA Corp.  
KAN Battery Co., Ltd  
Karcher North America  
Keyence Corporation of America  
Koki Holdings America Ltd  
Konica Minolta  
Kwonnie Electrical Products Ltd  
L3Harris Technologies Inc.  
Ledvance, LLC  
LEGO Brand Retail, Inc.  
Lenovo (United States) Inc.  
LG Electronics USA, Inc.  
L'Image Home Products Inc.  
Logic Technology Development  
Logitech Inc.  
Mag Instrument, Inc.  
Maha Energy  
Makita U.S.A. Inc.  
Mattel, Inc.  
Microsoft Corporation  
Midland Radio Corporation  
Miller Manufacturing Company  
Mi-T-M  
Motorola Mobility, LLC  
Motorola Solutions, Inc.

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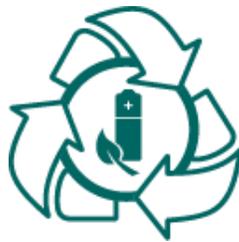
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National Power Corp.  
Netgear, Inc.  
Nikkiso America, Inc.  
Normark Innovations Inc.  
O2COOL, LLC  
Olympus Corp. of the Americas  
Oracle America, Inc.  
Panasonic Corporation  
Pelican Products, Inc.  
Philip Morris USA Inc.  
Philips  
Pitney Bowes, Inc.  
PLR IP Holdings, LLC  
Police Security  
Positec Tool Corporation  
Power Products  
Powermax USA  
Privoro, LLC  
ProTeam, Inc.  
Razor USA LLC  
Resideo, Inc. (DBA Ademco)  
Ricoh Imaging Americas Corporation  
Ridge Tool Company (RIDGID)  
Riese Und Muller GmbH  
Rite Aid  
Robert Bosch Tool Corporation  
RRC POWER SOLUTIONS  
Samsung Electronics America Inc.  
Sato America Inc.  
Scosche Industries, Inc.  
SDI Technologies Inc.  
SharkNinja Operating LLC  
Sigma Corporation  
Snap-on Incorporated  
Sony Corporation of America  
SOUTHWICK TECHNOLOGIES Inc.  
Southwire Company, LLC  
Spectrum Brands Holdings, Inc.  
Stanley Black & Decker, Inc.  
Stihl Incorporated  
StorTronics  
Streamlight, Inc.  
Summer Infant, Inc.  
Surefire, LLC  
Target Corporation  
TCL Mobile  
TCT MOBILE Inc.-ALCATEL BlackBerry  
Technical Power Systems Inc.  
Techtronic Cordless GP  
Techtronic Industries GmbH  
Techtronic Trading Ltd  
TENNANT COMPANY  
Test Rite Products Corp.  
Texas Instruments Inc.  
The Coleman Company  
The Gillette Co/Braun Divison  
The Gillette Co/Oral-B Divison

The Toro Company  
Tokyo Seimitsu Co., LTD  
TomTom Inc.  
Transcosmos America Inc.  
Transource Services Corp.  
Traxxas L.P.  
Trek Bicycle Corporation  
True Value Company  
TTEK Assemblies Inc.  
TWS Technology(Guangzhou) Limited  
Ultralife Corporation  
Uniden America Corporation  
VARTA Microbattery Inc.  
Venom Power  
Veritas Technologies LLC  
Vernier Software & Technology LLC  
Vibratex, Inc.  
Vornado Air, LLC  
VTech Telecommunications Ltd  
Wacom Technology Corporation  
Whill, Inc.  
Zebra Technologies Corporation  
Zhongshan Tianmao Battery Co., Ltd.  
Zippo Manufacturing Company

# Call2Recycle, Inc.

Changing habits. Inspiring action.™



Call2Recycle, Inc.  
1000 Parkwood Circle, Suite 200  
Atlanta, GA 30339  
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