



New Jersey Battery Stewardship Annual Report

REPORTING PERIOD: JULY – DECEMBER 2021

Prepared for:

New Jersey Department of Environmental Protection
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NEW JERSEY BATTERY STEWARDSHIP ANNUAL REPORT – SECOND HALF 2021

Battery Recycling Collections

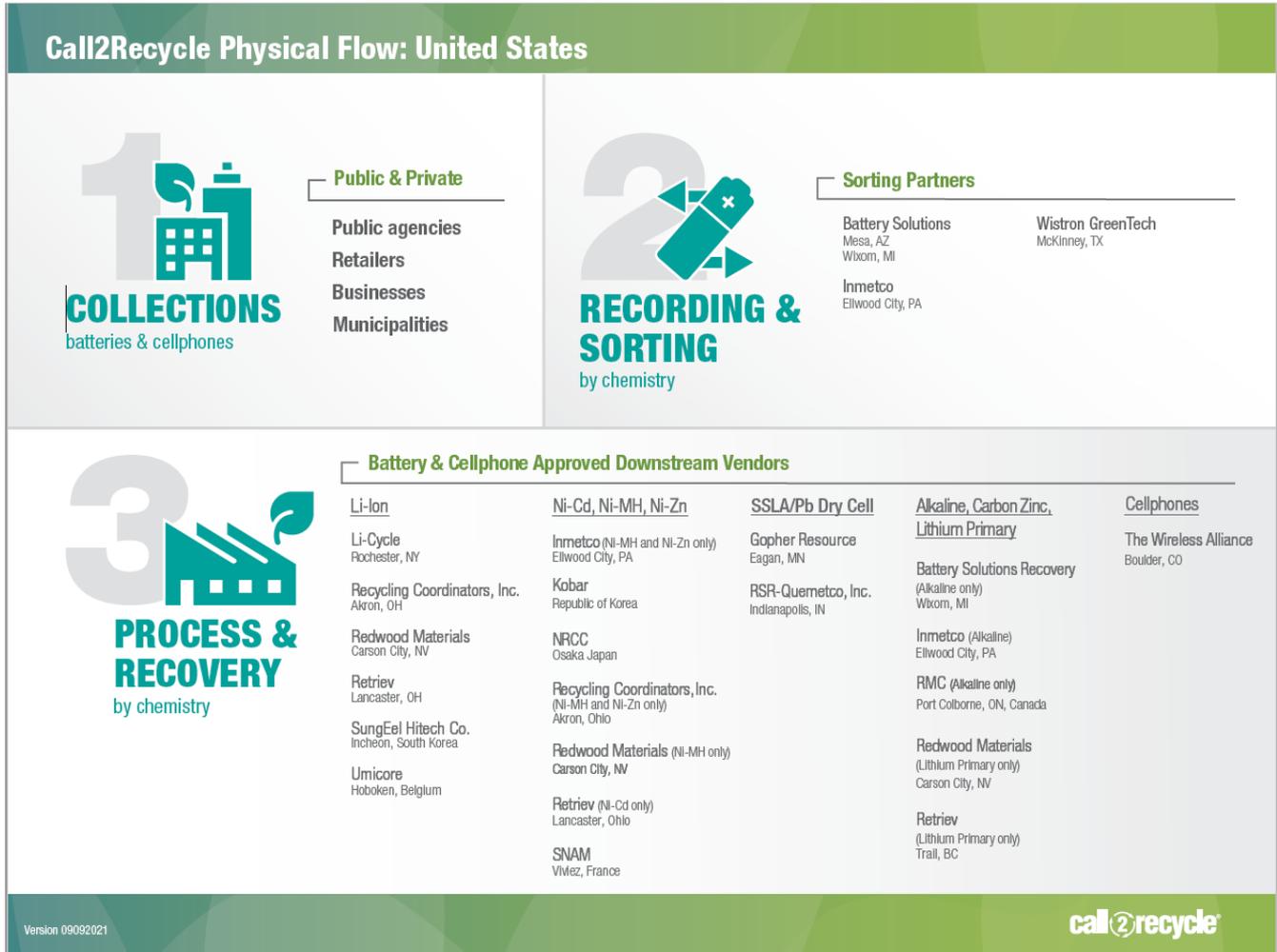
In the second half of 2021, Call2Recycle collected a total of 50,903lbs. of rechargeable batteries and 287 pounds of cell phones. Below please find the specific recycling collection data by material type:

Rechargeable Battery Collections (lbs.)		
Material Type	Material Name	JULY – DECEMBER 2021
Rechargeable	SSLA/Pb	21,913
Rechargeable	Li-Ion	14,834
Rechargeable	Ni-Cd	12,953
Rechargeable	Ni-MH	1,203
Primary	Alkaline/Carbon Zinc	6,539
Primary	Lithium	552
Cell Phone	Cell phone	287
Cell Phone	Accessories	0
Other	Other	459
Total Pounds Collected		58,740
Total Pounds Rechargeable Batteries		50,903

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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.

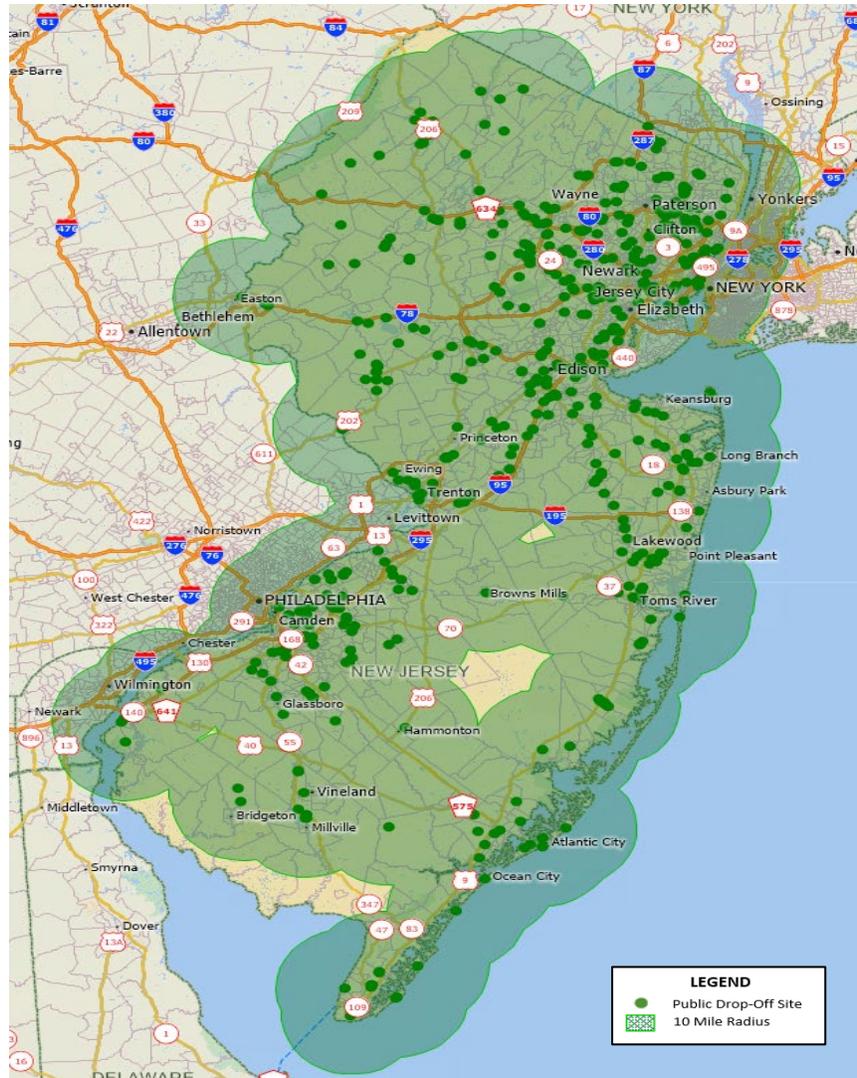


Batteries are responsibly and safely recycled according to Responsible Recycling (R2) standards. Cellphones are either refurbished and resold or recycled, with the proceeds used to fund the cellphone collection program and educational outreach.

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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 2021, Call2Recycle achieved an 96% accessibility rate in New Jersey State. Please see the adjacent map for specific details.



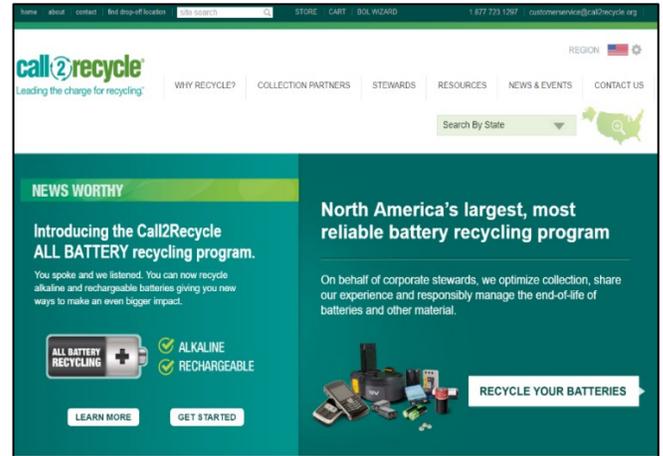
Site Type	Number of Sites - 2021
Number of Active Public Sites	184
Number of Active Private Sites	253
Public Accessibility Rate	97.7%

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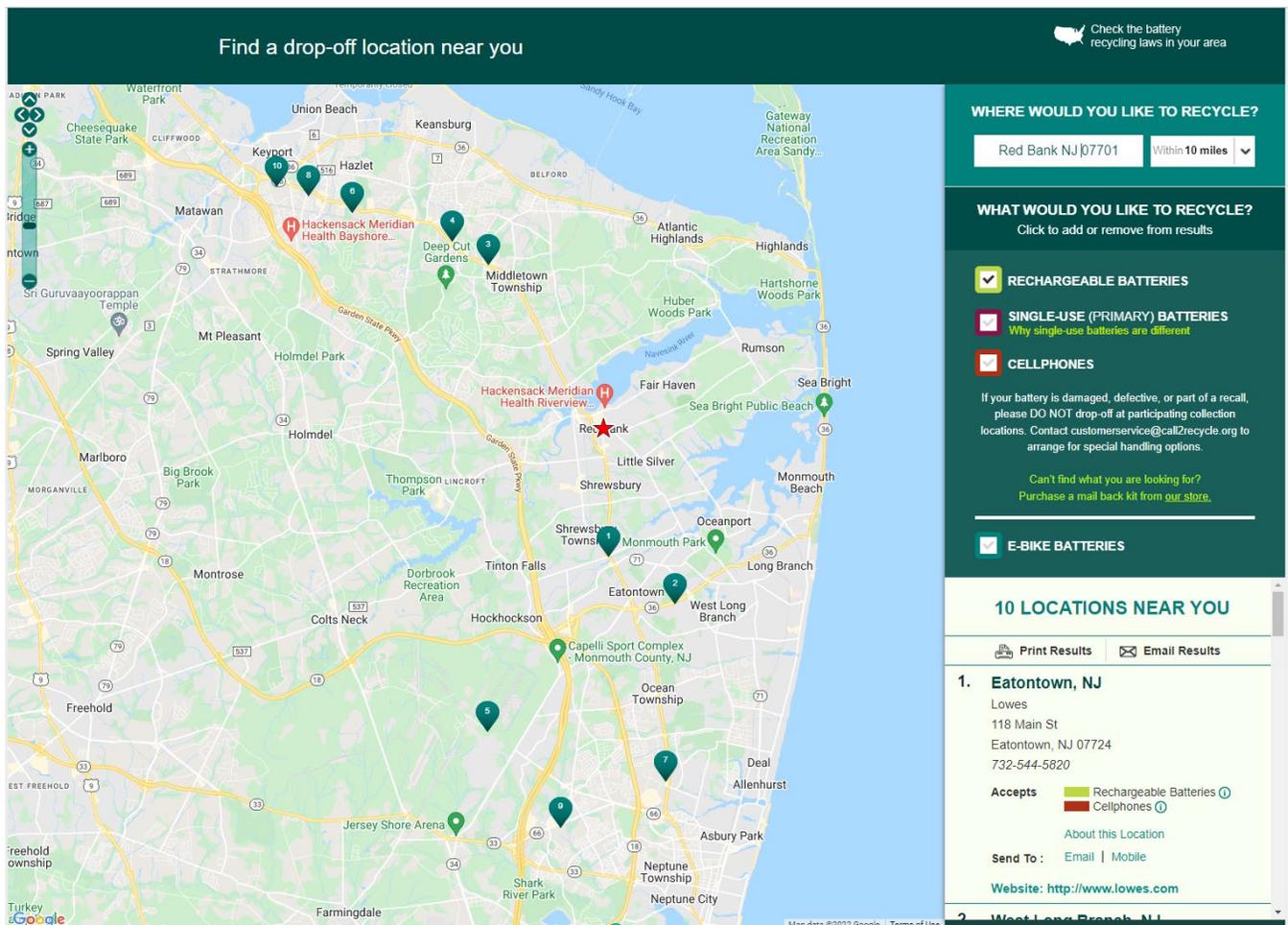
Website Statistics

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 57,832 times by New Jersey State residents to find a Call2Recycle drop-off location.



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



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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
Kwonne 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.

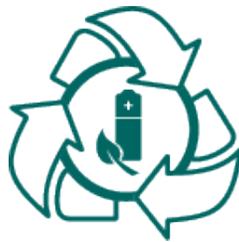
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National Power Corp.
Netgear, Inc.
Nikkiso America, Inc.
Normark Innovations Inc.
O2COOL, LLC
Olympus Corp. of the Americas
Oracle America, Inc.
Panasonic Corporation
Pelican Products, Inc.
Philip Morris USA Inc.
Philips
Pitney Bowes, Inc.
PLR IP Holdings, 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.™



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