

# 2016 NEW JERSEY BI-ANNUAL RECHARGEABLE BATTERY RECYCLING REPORT

REPORTING PERIOD: JANUARY – JUNE 2016

**Prepared for:**

New Jersey Department of Environmental Protection  
Division of Environmental Safety and Health  
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Changing habits. Inspiring action.™

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# NEW JERSEY BI-ANNUAL REPORT SUMMARY JANUARY – JUNE 2016

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## BATTERY RECYCLING COLLECTIONS

Over the past six months, batteries and cell phones collected by Call2Recycle, Inc. in New Jersey increased compared to the same six-month period in 2015. During the six-month period of January – June 2015, Call2Recycle collected 62,118 lbs. of cell phones and batteries. In 2016, during that same time period that number increase to 67,301 lbs. – an increase of 8%.

<b>Battery &amp; Cellphone Collections (in pounds)</b>			
<b>Material Type</b>	<b>Jan-June 2015</b>	<b>Jan-June 2016</b>	<b>% Chg</b>
SSLA/Pb	28,396	31,747	12%
Ni-Cd	16,836	17,123	2%
Li-Ion	8,449	9,047	7%
Ni-MH	4,221	3,909	-7%
Alkaline	3,758	4,824	28%
Lithium Primary	208	364	75%
Cell Phone	154	268	74%
Cell Phone Accessories	96	19	-80%
Total	62,118	67,301	8%
Total Rechargeable	57,902	61,826	7%

The dominant rechargeable battery chemistry collected in the first half of 2016 was small sealed lead acid (SSLA/Pb) batteries – there was a 12% increase in collections over the same time period of 2015. In addition, collections of Nickel Cadmium (Ni-Cd) and Lithium Ion (Li-Ion) batteries increased 2% and 7%, respectively. While collection of Nickel Metal Hydride (Ni-MH) batteries decreased by 7%.

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## BATTERY RECYCLING “DOWNSTREAM”

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



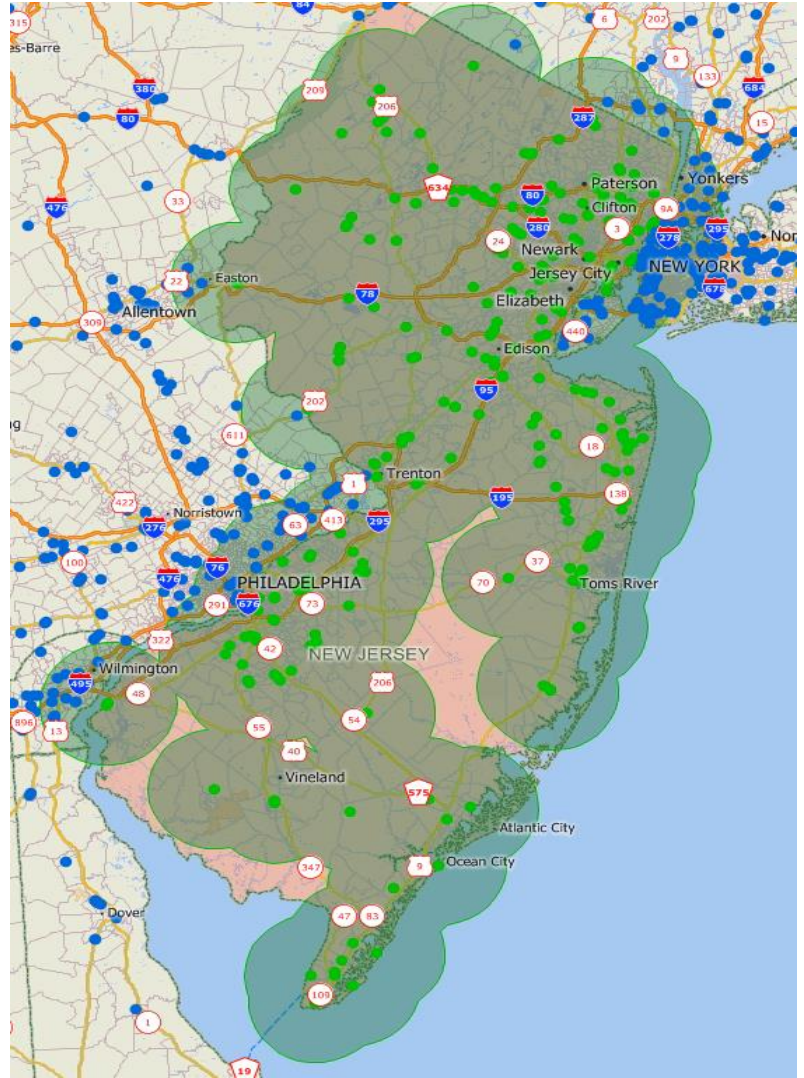
Waste products are responsibly and safely disposed of according to Responsible Recycling (R2) and Basel Action Network (BAN) standards. Cellphones are either refurbished and resold or recycled, with the proceeds used to fund the cellphone collection program and educational outreach.

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## Public Recycling Site Accessibility

Call2Recycle saw a 17% decrease in the amount of active collection sites (sites sending in at least one shipment in the first half of 2016). The sector with the largest decline in active collection sites was the retail sector, seeing a decline of 22%. Although the retail channel saw a decline in the number of active sites, it still continues to be the largest portion of active collection locations – 63%.

NJ Collection Network	
# of Public Sites	Accessibility
262	99.3%



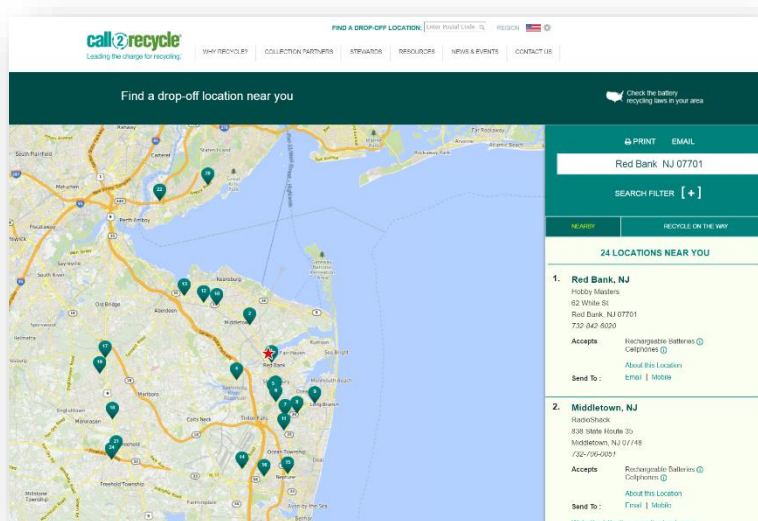
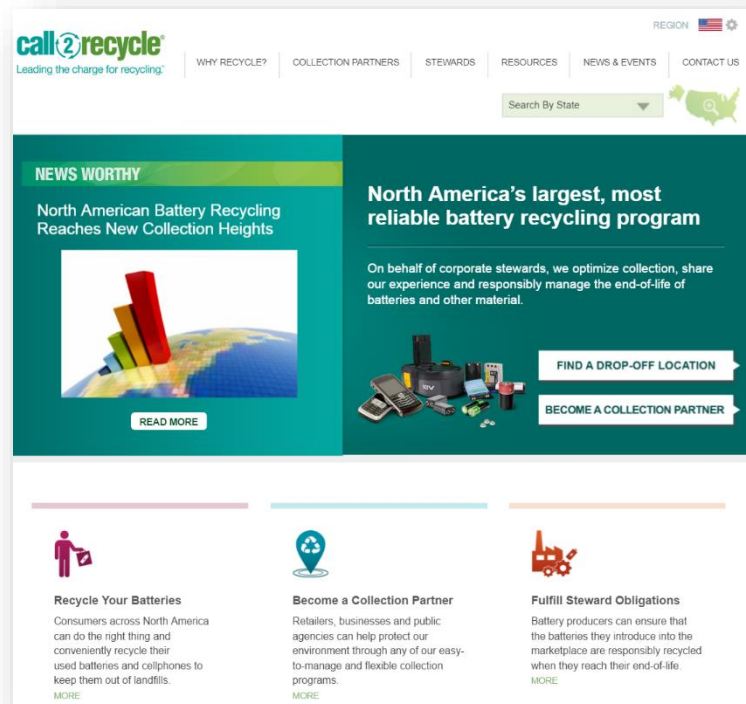
To optimize the percentage of the U.S. population that has access to a Call2Recycle battery and cell phone recycling collection site, Call2Recycle has developed an accessibility standard for measuring public recycling accessibility, specifically for batteries and cellphones. Call2Recycle strives to have a public accessibility standard of 95%, which means that 95% of a state's population lives within a 10-mile radius of an available drop off site. As of June 30, 2016, Call2Recycle's accessibility measure in the US was 88% and 99.3% in New Jersey.

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## Web Site Statistics

Call2Recycle's outreach efforts focus on driving consumers to our interactive web site that not only serves as an educational tool to encourage consumers to recycle batteries but also provides local sites where they can conveniently recycle batteries.

During the first half of 2016, 12,358 New Jersey residents visited the Call2Recycle home page at [www.call2recycle.org](http://www.call2recycle.org).



One of the most viewed sections of the web site is the public drop off site locator tool. This tool allows residents to enter their City/Town or zip code to find the nearest Call2Recycle participating site to recycle their used rechargeable batteries. In the first half of 2016, the locator tool was used 47,126 times by New Jersey residents. These searches displayed 883,397 sites!


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

## Outreach and Customer Service Activity


Call2Recycle's Customer Service Team fields hundreds of daily inquiries from collection sites and consumers across the United States and Canada. Some of these inquiries are from the 400+ private and public battery collection sites in New Jersey.

In the first half of 2016, Call2Recycle's Customer Service Team fielded the following inquiries from New Jersey –

- Incoming Calls/Emails from NJ Collection Sites: 139
- New Sites Enrolled and "On-Boarded": 7
- Collection Boxes Sent to Collection Sites: 2075




## Recycle Rechargeable Batteries HERE



Make a difference by recycling used rechargeable batteries today.

**ITEMS ACCEPTED FOR RECYCLING:**  
Rechargeable batteries weighing 11 lbs. or less each.  
No wet-cell, damaged or defective batteries accepted.

- Lithium Ion
- Nickel Cadmium
- Small Sealed Lead Acid
- Nickel Metal Hydride
- Nickel Zinc
- Cellphones of any make, model or age



**For more information**  
visit [call2recycle.org](http://call2recycle.org) or call 877.723.1297

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## Companies Supporting the Call2Recycle® Program

The following companies support Call2Recycle and are committed to responsible battery recycling.

3M Commercial Solutions Division	CTE Energy Co., Ltd.	Harris Corporation
3M Personal Safety Division	Dantona/Ultralast	Hewlett Packard Enterprise
Accell North America	Delhaize America	High Tech Computer Corporation
Acco Brands Corporation	Dell Canada, Inc.	Hilti, Inc.
Ace Hardware Corporation	Dell, Inc.	Hitachi Power Tools
Acer America Corporation	Digi-Key Corporation	Hobbico, Inc.
Advanced Battery Systems, Inc.	DLG Power Battery	HoMedics
Agilent Technologies	Do It Best Corp.	Honeywell International, Inc.
Allied International	Dollar General Corp.	House of Batteries
Alltrade Tools LLC	Dollarama L.P.	HP, Inc.
Alpha Source, Inc.	Dorcy International, Inc	Husqvarna Professional
Amax Inc.	Duracell Canada Inc.	IDX System Technology, Inc.
Amazon	Duracell Distributing Inc.	Illinois Tool Works
American Toppower Inc.	Eaton Power Quality	Indigo Books + Music, Inc.
Anton/Bauer, Inc.	Enerco Group, Inc.	Industrial Battery Services, Inc.
APC - Schneider Electric	Energizer Battery	Ingersoll Rand
Asus Computer International	Energizer Canada Inc	Inspired Energy, LLC
Avex Electronics Corporation	Energy Sales Inc.	Intec Industries Co. Ltd.
Baccus Global	EnerSys	Intermetro Industries Corporation
Barnesandnoble.com, LLC	Epson America, Inc.	Interstate Batteries Recycling, LLC
Batteries Du Quebec, Inc.	Esselte Corporation	Invacare Corporation
Battery Specialties	Evergreen (C.P.) USA, Inc.	Invox Hardware, Ltd.
BatteryTender	Excell Battery Company	iRobot Corporation
Bayco Products	EZsmart Gutter Cleaner, LLC	iTech
Belkin International, Inc.	Familiprix Inc.	ITO Co., Ltd.
Best Buy	Family Dollar Stores of Vermont, Inc.	Jhejiang KAN Battery Co., Ltd.
Best Buy Canada, Ltd.	FDK	Jiawei Technologies (USA) Ltd.
BionX International	Fedco Electronics, Inc.	JLG Industries, Inc.
Bissell Homecare, Inc.	Ferno Washington, Inc.	John Deere
BlackBerry	Finish Thompson, Inc.	JVCKENWOOD USA Corporation
Bose Corporation	FujiFilm Holdings America Corp	Karcher North America
Brother International Corp	Garmin International, Inc.	Keysight Technologies, Inc.
Bushnell Outdoors	GE Healthcare Canada, Inc.	King of Fans, Inc.
BYD	General Wireless Operations, Inc	Kwonnie Electrical Products, Ltd.
Canac-Marquis Grenier LTEE.	GETAC	L'Image Home Products Inc.
Canada, Ltd.	Giant Tiger Stores Limited	LaSource Division Gestion
Canadian Tire Corp.	Gibson Innovations USA, Inc.	LawnMaster
Canon Canada, Inc.	GiiNii Tech Corporation	Le Group Jean Coutu Inc.
Canon USA, Inc.	Global Technology Systems	Lego Systems, Inc.
Casio America, Inc.	Gold Peak Industries (NA), Inc.	Lenmar Battery Solutions
Cell-Con, Inc.	Golden Cel Battery Co., Ltd.	Lenovo
Chervon Ltd.	GRACO, Inc. Minnesota	Lenovo Canada, Inc.
Cisco Systems, Inc.	Grand-Pro	LEXEL
Clean Republic	Great States / American Lawn	LG Electronics
Corporate Express	Greatbatch, Inc.	Loblaws, Inc.
Costco Wholesale Canada	Green Smoke, Inc.	Logitech, Inc.
Couche Tard	GS Battery (USA), Inc.	Mag Instrument, Inc.



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Makita Canada, Inc.  
Makita USA Inc.  
Manufacturing, Inc.  
Mattel, Inc.  
Maxell Corporation of America  
McKesson Canada Corporation  
McMahon Distributeur  
Meritool, LLC  
Metabo Corporation  
Metro Richelieu, Inc.  
Michaels Stores, Inc.  
Microsoft  
Miller Mfg Co.  
Milwaukee Electronic Tool Corporation  
Motorola  
Mower  
MTD Products, Inc.  
myCharge  
National Battery  
National Power Corporation  
Neptune Technology Group, Inc.  
Netgear  
Nikon Canada, Inc  
Nippon Primex, Inc.  
Nobil  
Novatel Wireless  
NYCL Company  
Nylube Products Company, LLC  
O2COOL, LLC  
Olympus America, Inc.  
OOMA  
Oracle America, Inc.  
Original Power, Inc.  
Palladium Energy  
Panasonic Canada, Inc.  
Panasonic Corporation  
Pantech  
Pelican  
Pharmaceutique, Inc.  
Philips Consumer Lifestyle  
Plantronics, Inc.  
PLR IP Holdings, LLC  
Polycom  
Positec Tool Corporation  
PowerMax USA  
Products  
Products, Inc.  
ProTeam-The Vacuum Co.  
Quality One Wireless  
Quemar, Inc.  
Rapala VMC Corp.  
Rapport, Inc.  
Rayovac Corporation  
Rhonda Battery  
Richpower Industries, Inc.  
RIGID  
RiteAid Corp.  
RKI Instrument, Inc.  
Robert Bosch Tool Corporation  
Rona, Inc.  
Royal Consumer Information  
RRC Power Solutions Inc.  
Sail Plein Air Inc.  
Samsung Electronics Co. Ltd.  
SANYO Energy USA Corp.  
Scosche Industries  
Scotts Canada Ltd.  
Sears Canada Inc.  
Senco Brands, Inc.  
Sensidyne LP  
Sharp Electronics of  
Shenzhen Jingkehui Electronic Co, Ltd.  
Shoppers Drug Mart Inc.  
Sigma Corporation  
Snap-on, Incorporated  
Sobeys Quebec Inc.  
Sony Electronics, Inc.  
Sony of Canada Ltd.  
Southern Telecom, Inc.  
Southwick Technologies  
Southwire Company  
Spectrum Brands, Inc.  
Sram  
Stanley Black & Decker Corporation  
Staples Canada, Inc.  
Star Micronics  
Stihl Incorporated  
Stihl Limited  
StorTronics  
Streamlight, Inc.  
Summer Infant, Inc.  
Surefire, LLC  
Systems  
Tacony Corporation  
Technical Power Systems, Inc.  
Technotronic Industries, Co. Ltd.  
Test Rite Products Corp  
Texas Instruments Educ. Tech. Inc.  
The Coleman Company, Inc.  
The Gillette Company  
The Home Depot of Canada, Inc.  
The Procter & Gamble Company  
The Source (Bell) Electronics Inc.  
TNR Technical Inc.  
Toro  
Toshiba America Information  
Toys R Us - Delaware, Inc.  
Toys R Us Canada Ltd.  
Tractor Supply  
Transcosmos America, Inc.  
Traxxas  
Trek Bicycle Corporation  
True Value Company  
TTEK Assemblies, Inc.  
UAP, Inc.  
Ultralife Corporation  
Uniden America Corporation  
Uniprix Inc.  
Universal Power Group, Inc.  
Varta Microbattery Inc  
Venom Power  
Vernier Software & Technology  
Vibratex, Inc.  
Vizio  
VTech Telecommunications Ltd  
Wacom Technology Corp  
Wal-Mart Canada Corp.  
Water Pik, Inc.  
Wohler USA, Inc.  
Zebra Technologies  
Zippo Manufacturing Company