



Florida Battery Stewardship Annual Report

REPORTING PERIOD: JANUARY – DECEMBER 2021

Prepared for:

Florida Department of Environmental Protection
3900 Commonwealth Blvd M.S. 49
Tallahassee, FL 32399

Prepared and submitted by:

Call2Recycle, Inc.
1000 Parkwood Circle, Suite 200
Atlanta, GA 30339
678-419-9990 | call2recycle.org

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Battery Recycling Collections

In 2021, Call2Recycle collected a total of 398,279 lbs. of batteries and 9,757 cell phones weighing 2,076 pounds. Below please find the specific recycling collection data for 2021 by material type:

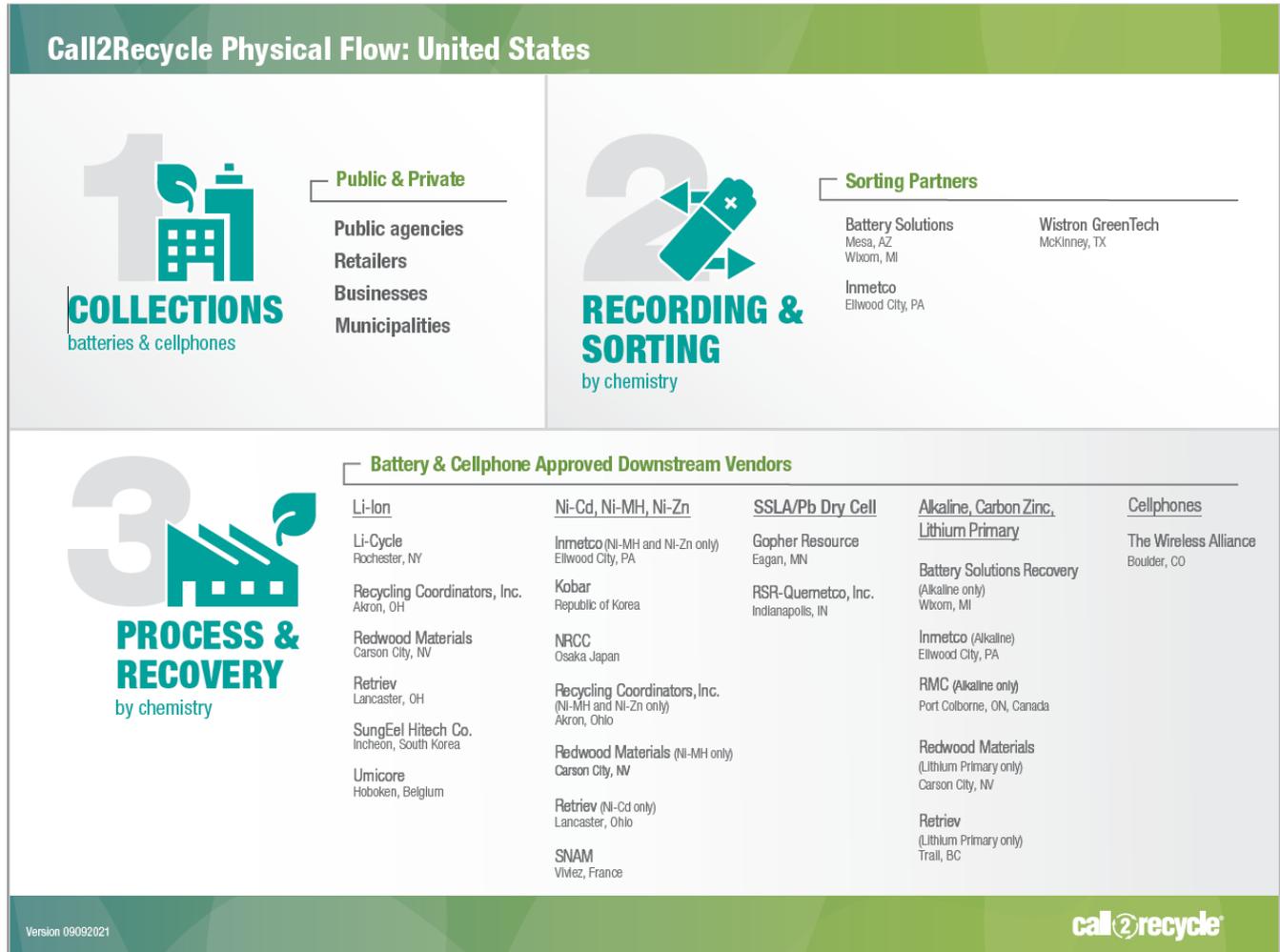
Rechargeable Battery Collections (lbs.)		
Material Type	Material Name	2021
Rechargeable	SSLA/Pb	98,230
Rechargeable	Ni-Cd	82,595
Rechargeable	Li-Ion	135,546
Rechargeable	Ni-MH	17,955
Primary	Alkaline/Carbon Zinc	54,763
Primary	Lithium	4,608
Cell Phone	Cell phone	2,076
Cell Phone	Accessories	18
Other	Other	2,488
Total Rechargeable		334,326
Total Collections		398,279

Below please find the rechargeable battery recycling data for 2021 by industry sector:

Rechargeable Battery Collections by Sector (lbs.)	
Sector	2021
Retail/Wholesale	210,060
Public Agency / Municipality	86,593
Business	12,309
Manufacturing	25,365

Proper Battery Management

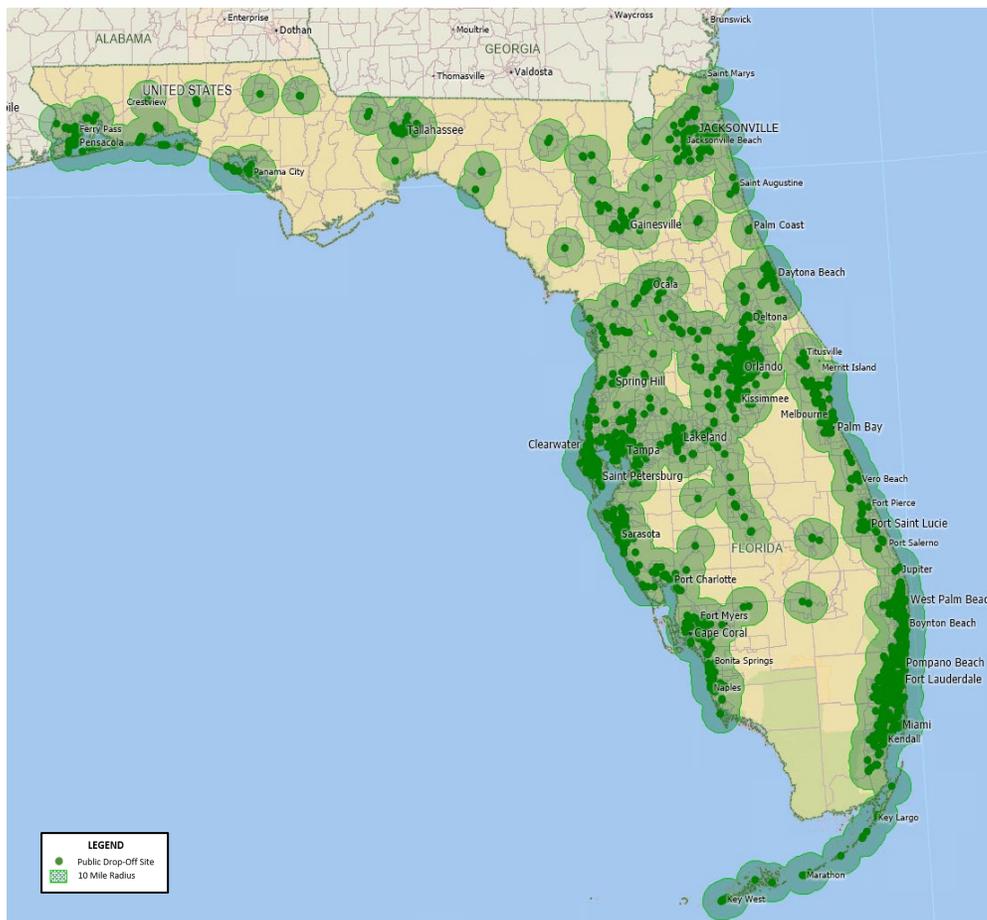
Batteries collected from Florida residents are transported to sorting facilities where they are separated by battery chemistry and then sent to appropriate specialty processors. These processors extract material to be used in the manufacturing of new products. Below please find the “physical flow” of 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.

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 93.7% accessibility rate in Florida. Please see the adjacent map for specific details.



Site Type	Number of Sites - 2021
Number of Active Public Sites	416
Number of Active Private Sites	598
Public Accessibility Rate	93.7%

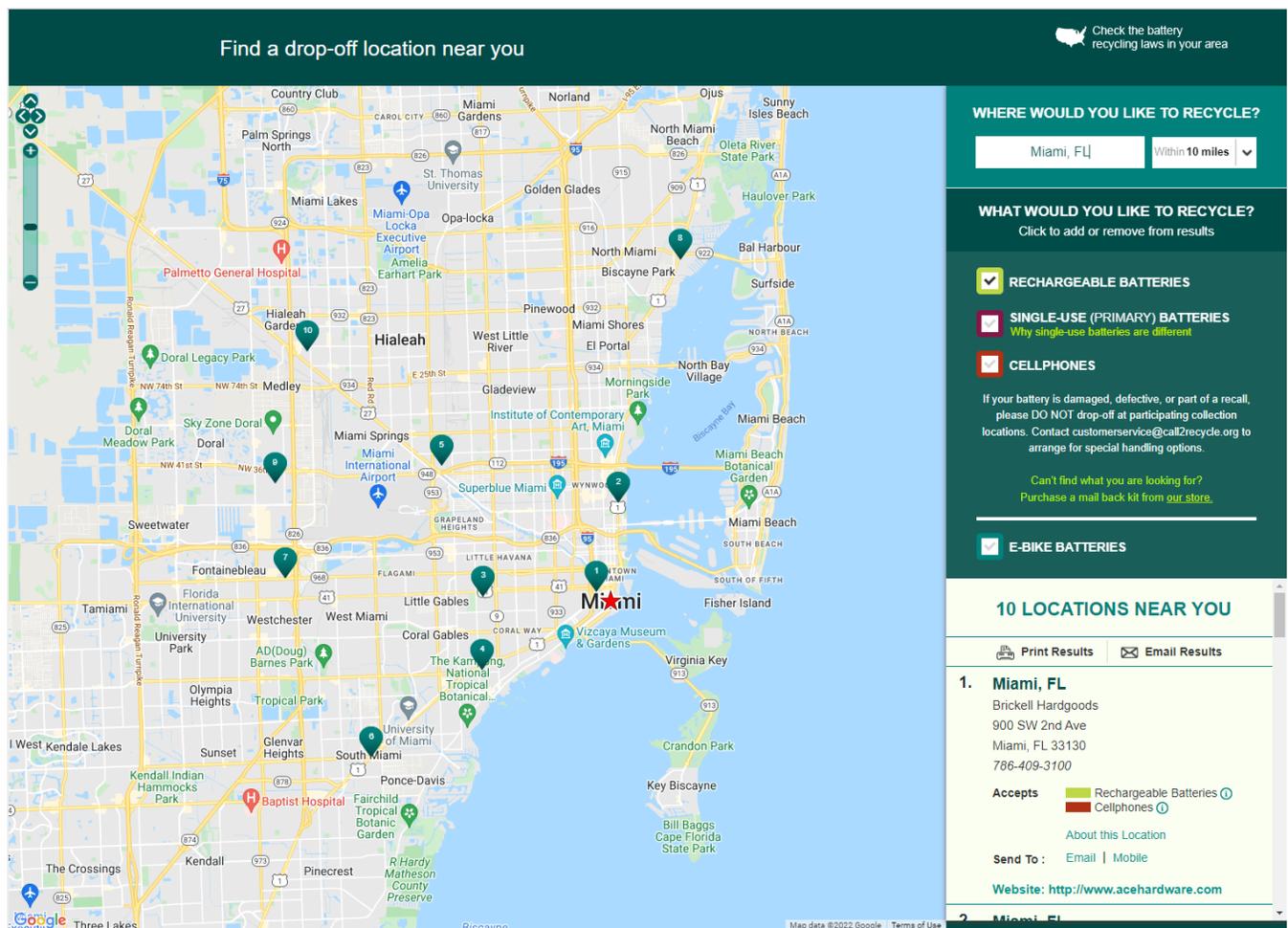
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Website Statistics

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 Florida 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 70,229 times by Florida residents to find a Call2Recycle drop-off location.



www.call2recycle.org

Outreach & Customer Service Activity

Call2Recycle’s Customer Service Team fields hundreds of daily inquiries from collection sites and consumers across the country, including from the 1,030 private and public battery collection sites in Florida.

Call2Recycle’s Customer Service Team fielded the following inquiries from Florida:

Florida Activity	2021 Totals
Calls or Service Tickets (web-based, emails, etc.) from Collection Sites into Call2Recycle Customer Service	473
New Collection Sites Added	183
Rate of New Sites that Recycled Batteries	5%
Call2Recycle collection boxes sent to collection sites	11,658
Call2Recycle collection boxes returned from collection sites	10,724

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 Constrctn & Home Imprv
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.
Acer America Corporation
Ademco
Aero Design, Inc
Allied Intl/Allied Tools
Alta Cycling Group, LLC.
Amazon.com, Inc.
American Honda Motor Co., Inc.
American Toppower
AOB Products Company
APC America Inc. Schneider Electric
Arlo Technologies, Inc.
Arris Group, Inc
Asus Computer International, Inc.
Away
Baccus Global LLC
Balmuda Inc.
barnesandnoble.com, LLC
Bayco Products, Inc.
Belkin International, Inc.
Best Buy Co., Inc.
Bissell Homecare, Inc
Bose Corporation
Boxine US, Inc.
Brother International Corporation
Canadian Tire Corporation, Ltd
Canon Canada Inc
Canon U.S.A., Inc.
Car Mate USA Inc.
Century Optronic Inc.
Chervon HK Limited
Chervon HK Limited/Lowe's
Chervon HK Limited/The Home Depot
Cisco Systems Inc.
Cleva North America, Inc.
Computer Technology Link Corp (DBA CTL)
Conair Corporation
Daye North America
Deere & Company (John Deere)
Dell Canada Inc.
Dell Inc
Deltran USA LLC
Dongguan Golden Cel Battery Co
Dorcy International
Duracell Canada Inc
Duracell US Operations
Dynabook Americas, Inc
Dynabook Canada Inc
Eaton Corporation
Echo Incorporated
Empiric
Enerco Group Inc.
Energizer Holdings, LLC.
EnerSys Delaware Inc.
Epson America, Inc.
Fdk America, Inc.
Fedco Electronics, Inc.
Finish Thompson, Inc.
Fuji Electronics (Shenzhen) Co, Ltd.
FujiFilm Holdings America Corp
Fujitsu America
Garmin International, Inc
GiiNii Tech Corporation
Global Technology Systems, Inc
Globe (Jiangsu) Co., Ltd
Google, Inc.
GRACO, Inc.
GS Yuasa Energy Solutions, Inc.
Guangdong Fenghua New Energy Co. Ltd.
Guangzhou Great Power Energy & Technology Co., Ltd.
Guangzhou Great Power Energy Tech Co LTD
Harman International Industries, Incorporated
Hewlett Packard Inc
Hilti, Inc.
HoMedics USA, LLC
Honeywell International Inc.
Hong Kong Highpower Technology Ltd.
HP Inc.
HTC Corporation
Huawei Device USA. Inc
Husqvarna AB
HYTORC Industrial Bolting Systems
IDX System Technology Inc
Inspired Energy, LLC
Intermetro Industries Corp
Invacare Corporation
Invox Hardware Limited
iRobot Corporation
Jasco Products Company
JC Technology Inc dba Ace Computers
Jiawei Technologies (USA) Ltd.
JIN CO Ltd
JLG Industries Inc
JVCKENWOOD USA Corp
KAN Battery Co., Ltd
Karcher North America

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Keyence Corporation of America
Koki Holdings America Ltd
Koki Holdings Canada Co., Ltd
Konica Minolta
Kwonnie Electrical Products Ltd
L3Harris Technologies Inc
Ledvance, LLC.
LEGO Brand Retail, Inc.
Lenovo (United States) Inc.
LG Electronics Canada, Inc.
LG Electronics USA, Inc.
L'Image Home Products Inc.
Logic Technology Development
Logitech Inc.
Luxottica of America
Mag Instrument, Inc
Maha Energy
Makita Canada, Inc.
Makita U.S.A. Inc.
Mattel, Inc.
Metabo Corporation
Microsoft Corporation
Midland Radio Corporation
Miller Manufacturing Company
Mi-T-M
Mophie
Motorola Mobility, LLC
Motorola Solutions, Inc.
MTRLC LLC
National Power Corp
Neptune Technology Group Inc.
Netgear, Inc.
Nikkiso America, Inc.
Normark Innovations Inc.
Novel Direct
O2COOL, LLC
OM Digital Solutions Americas, Inc.
Omron Healthcare, Inc
Oracle America, Inc.
Panasonic Corporation
Pelican Products, Inc.
Pellenc America Inc.
Philip Morris USA Inc.
Philips
Pitney Bowes, Inc.
Plantronics Inc. (Poly)
Police Security
Positec Tool Corporation
Power Products
Privoro, LLC
ProTeam, Inc.
Razor USA LLC
Ricoh Imaging Americas Corporation
Ridge Tool Company (RIDGID)

Riese Und Muller GmbH
RJ Reynolds Vapor Company
Robert Bosch Tool Corporation
Royal Consumer Information Products, Inc.
RRC POWER SOLUTIONS
Sager Electronics
Saicome Industries Limited
Samsung Electronics America Inc.
Sato America Inc
Scosche Industries, Inc.
SDI Technologies Inc
Senco Products, Inc.
Sensidyne LP
Shanghai PYTES Energy Co., LTD
SharkNinja Operating LLC
Sharp Electronics Corporation
Sigma Corporation
Snap-on Incorporated
Sonos, Inc.
Sony Corporation of America
Southwick Technologies Inc
Southwire Company, LLC
Stanley Black & Decker, Inc.
Stihl Incorporated
Stihl Limited
StorTronics
Streamlight, Inc.
Summer Infant, Inc.
SUNBEAM PRODUCTS
TCT Mobile Canada Limited (CA10)
TCT MOBILE INC-ALCATEL BlackBerry
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 Div
The Gillette Co/Oral-B Div
The Source (Bell) Electronics Inc.
The Toro Company
Tianjin Lishen Battery Joint-stock Co.,Ltd
Tokyo Seimitsu Co., LTD
TomTom Inc.
Transcosmos America Inc.
Transource Services Corp
Traxxas L.P.
Trek Bicycle Corporation
TTEK Assemblies Inc.
TWS Technology(Guangzhou) Limited
Ultralife Corporation
Uniden America Corporation
VARTA Microbattery Inc.

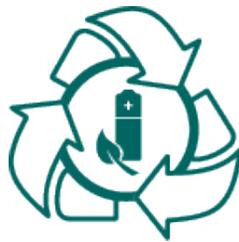
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Veritas Technologies LLC
Vernier Software & Technology LLC
Vibratex, Inc.
Vornado Air, LLC
VTech Telecommunications Ltd

Wacom Technology Corporation
Whill, Inc
Zebra Technologies Corporation
Zhongshan Tianmao Battery Co., Ltd.
Zippo Manufacturing Company

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Changing habits. Inspiring action.™



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