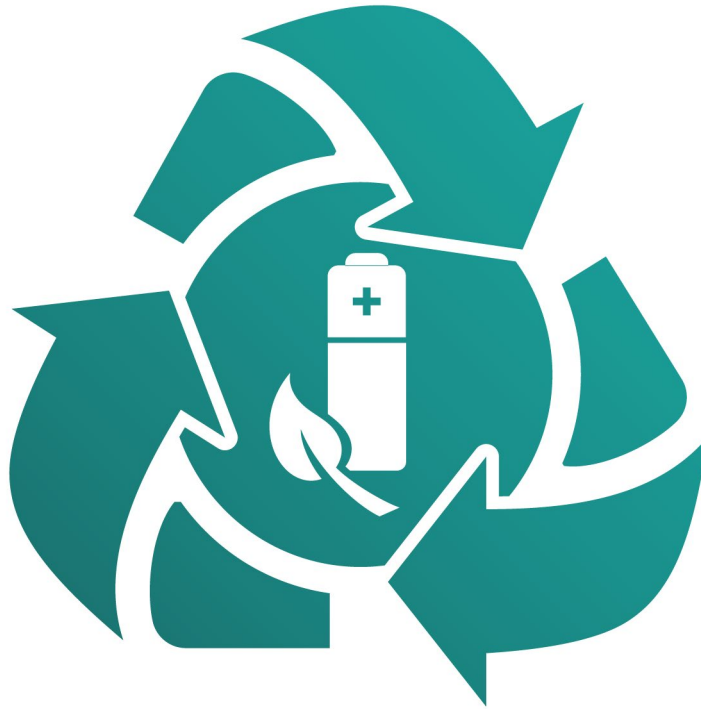


# 2021 | CALIFORNIA BATTERY RECYCLING REPORT

**Prepared for:**

Ms. Victoria Rouse  
Policy Development Unit  
Hazardous Waste Management Program  
Department of Toxic Substances Control  
1001 I Street, P.O. Box 806  
Sacramento, California 95814  
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**Submitted by:**

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## 2021 CALIFORNIA PROGRAM SUMMARY

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Please Return To:

Ms. Victoria Rouse  
Policy Development Unit  
Hazardous Waste Management Program  
Department of Toxic Substances Control  
1001 I Street, P.O. Box 806  
Sacramento, California 95814

### RECHARGEABLE BATTERY INFORMATION

In support of the reporting requirements, we are providing below the information requested by the Department of Toxic Substances Control in connection with hazardous waste control activities under California Health and Safety Code Section 25100 et seq. The information requested pertains to our business activities in California between January 1, 2021 and December 31, 2021.

The estimate of our rechargeable battery recycle market share in California:

574,052 lbs.

Quantity (by weight – in pounds) of rechargeable batteries returned in California through our Take-Back Program (Call2Recycle®):

Lithium Ion (Li-Ion) – 217,432 lbs.  
Nickel Cadmium (Ni-Cd) – 137,092 lbs.  
Nickel Metal Hydride (Ni-MH) – 76,352 lbs.  
Small Sealed Lead Acid (SSLA/Pb) – 143,176 lbs.

*Request for Confidentiality* \_\_\_\_ Yes ☒ No

Call2Recycle, Inc.  
(Submitting Company)

Date – March 28, 2022

By – Linda Gabor, Executive Vice President, External Affairs

678.218.1082  
(Telephone Number)

## 2021 CALIFORNIA PROGRAM SUMMARY

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Please Return To:

Ms. Victoria Rouse  
Policy Development Unit  
Hazardous Waste Management Program  
Department of Toxic Substances Control  
1001 I Street, P.O. Box 806  
Sacramento, California 95814

### CELL PHONE RECYCLING INFORMATION

We are providing below the information requested by the Department of Toxic Substances Control in connection with hazardous waste control activities under California Health and Safety Code Section 25100 et seq. The information requested pertains to our business activities in California between January 1, 2021, and December 31, 2021.

Number of cell phones we sold in California N/A

The estimate of our cell phone market share in California N/A

Number of cell phones returned in California by our Take-Back Program 4,195 lbs.

*Request for Confidentiality*    ☐ Yes    ☒ No

Call2Recycle, Inc.  
(Submitting Company)

Date – March 28, 2022

By – Linda Gabor, Executive Vice President, External Affairs

678.218.1082  
(Telephone Number)

# 2021 CALIFORNIA PROGRAM SUMMARY

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## COLLECTION RESULTS

In 2021, batteries and cell phones collected in California by Call2Recycle® increased by 8% compared to 2020 collections.

During the same twelve-month period in 2020, Call2Recycle collected 1,089,293 lbs. of cellphones, rechargeable, and primary batteries. In 2021, that number increased to 1,175,689 lbs. Rechargeable and primary batteries increased by 9% and 6%, respectfully. In 2021, 4,195 lbs. of cellphones were collected, compared to 4,057 lbs. in 2020. While more cellphones are sold each year, many carriers offer financial incentive to trade their current phone in when purchasing a new one. Oftentimes, these cell phones are reused, either intact or salvaged for parts, thus fewer and fewer cell phones are being returned for recycling through Call2Recycle.

The dominant rechargeable battery chemistry collected in 2021 was Lithium Ion (Li-Ion) which increased by 12% in collections over the same period of 2020. Increases were also seen across all rechargeable battery types collected except for Nickel Cadmium. Nickel Metal Hydride (Ni-MH) increased by 59%, Nickel Cadmium (Ni-Cd) decreased by 10%, and Small Sealed Lead Acid (SSLA/Pb) increased by 7%.

## REMAINDER OF REPORT

The remainder of this report provides specifics associated with battery collections, including types of materials collected and the volumes received by participating collection channels. Additionally, Call2Recycle's 2021 Annual Report, including audited financial reports, is available on its [website](https://call2recycle.org/annualreport/) at [call2recycle.org/annualreport/](https://call2recycle.org/annualreport/).

## 2021 COLLECTION STATISTICS (COMPARED TO PRIOR YEAR – 2020)

### Call2Recycle® Collection Summary for California: 2020 & 2021

#### Rechargeable Battery Collection Summary

	Rechargeable Collections (Pounds)		
	2020	2021	% Change
Rechargeable Battery Collections	524,896	574,052	9%
Rechargeable Pounds Per 1,000 Persons	13.3	14.5	9%

#### Program Collections by Material Type

	Collections (Pounds)		
	2020	2021	% Change
Total Collections (in pounds)	1,089,293	1,175,689	8%
Rechargeable Battery	524,896	574,052	9%
Primary Battery	560,340	597,441	6%
Cell phone	4,057	4,195	3%

#### Battery Collections by Chemistry

	Collections (Pounds)		
	2020	2021	% Change
<b>Rechargeable Battery</b>			
Lithium Ion (Li-Ion)	192,586	217,432	12%
Nickel Cadmium (Ni-Cd)	151,293	137,092	-10%
Small Sealed Lead Acid (SSLA/Pb)	133,121	143,176	7%
Nickel Metal Hydride (Ni-MH)	47,896	76,353	59%
<b>Primary Battery</b>			
Alkaline/Carbon Zinc	539,597	581,224	7%
Lithium	20,743	16,151	-22%
<b>Cell phone</b>			
Cell phone	4,057	4,195	3%

2021 COLLECTION STATISTICS CONTINUED

Program Collections by Channel

	Program Collections (Pounds)
	2021
Municipal/ Public Agency	759,803
Retail	250,133
Business	73,744
Rechargeable Stewards	92,009

	Participation
	2021
# of Collection Locations*	2,165

\* Collection locations sending in receipts into the Call2Recycle Program

<b>Consumer Accessibility</b> (% of consumers who have access to a Call2Recycle drop-off location within 10-miles of their home)	
	2021
% Accessibility	95.2%

## CALL2RECYCLE® RECHARGEABLE BATTERY STEWARDS

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

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  
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.  
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