BATTERY COLLECTION & RECYCLING: AN UPDATE

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Program Overview

• Founded in 1994 by industry to address the emergence of mandatory recycling requirements.

• In the U.S., funded primarily by rechargeable battery stewards and, more recently, via fee-based services (DDR, alkaline, return services).

• In the U.S., we’re primarily a voluntary program except in certain states (VT, MN, NY, etc.) where collections of some (but not always all) chemistries is mandated.

• Manage an established network of more than 16,000 collection sites; 86% of US residents have access to a collection site within 10 miles of their home.
By The Numbers: 2019 Collections

- Since 1994, 123 Million pounds of batteries recycled in the U.S.

- More than 7.5 million pounds of batteries collected & recycled in 2019; 5% increase over 2018

- Rechargeable batteries ↑ 13%

- Lithium Ion ↑ 36%

- Retail sites: 3.3 million lbs. (7% increase from 2018); Municipalities: 1.7 million lbs (18% increase from 2018)

### 2019 Call2Recycle Program Collections

<table>
<thead>
<tr>
<th></th>
<th>POUNDS (LBS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Li-Ion</td>
<td>2,000,000</td>
</tr>
<tr>
<td>Ni-Cd</td>
<td>1,500,000</td>
</tr>
<tr>
<td>Ni-MH</td>
<td>500,000</td>
</tr>
<tr>
<td>Alkaline &amp; Carbon Zinc</td>
<td>1,000,000</td>
</tr>
<tr>
<td>Lithium</td>
<td>1,500,000</td>
</tr>
</tbody>
</table>

Legend:
- **RECHARGEABLE**
- **PRIMARY**
Expanded Services & Solutions

COLLECTING & RECYCLING

STEWARSHIP SERVICES

LARGE FORMAT BATTERIES (DATA CENTERS & BACK-UPS)

PRODUCT & BATTERY RETURN MANAGEMENT

BATTERY PROTECTION & FIRE SUPPRESSION

- Damaged, Defective or Recalled (DDR) Lithium Battery Kits
- Fire/Heat/Smoke Suppressant
- Fire Suppression Pillows
- Fire Shield Blankets
- Storage & Transportation
- Battery Safety Kits
thank you!

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