

Content Corner

Paste these facts into the text of a social media post along with the downloadable graphic at nahmma.org/batteries, or use them to inspire your own content!

1. 95% of batteries are thrown away instead of being recycled. 175 million pounds of lithium batteries were sold in the United States in 2017. That means that 166,250,000 lbs. of lithium batteries were thrown away in the U.S. in that year alone. Find out how to recycle your batteries at nahmma.org/batteries.

Source: <https://www.ifixit.com/News/34034/lithium-ion-batteries-are-a-literal-trash-fire-and-getting-worse>

2. Only 30% of mobile phone batteries are recycled. The remaining 70% are entering landfills, even though they could be recycled. Learn how to recycle your old batteries at nahmma.org/batteries.

Source: <https://batteryuniversity.com/article/bu-705-how-to-recycle-batteries#:~:text=Only%2020%20to%2040%20percent,the%20fabrication%20of%20new%20products>

3. In 2018 a lithium-ion battery sparked a blaze in Jamaica, NY. It took 198 firefighters from 44 units 17 hours to get it under control. Help us prevent fires like this by recycling your batteries. Find out how at nahmma.org/batteries.

Source: <https://www.amny.com/news/fire-jamaica-recycling-plant-1-17423147/>

4. Is the lithium battery in your device not holding its charge as long? Have you noticed it getting hotter during normal use? Has it started to bloat? These are all signs that your battery may need to be replaced. Learn how to recycle your old battery at nahmma.org/batteries.

Source: <https://greencitizen.com/blog/lithium-ion-battery-recycling/#How to Tell If Your Li-ion Battery is BadDamaged>

5. The BMW i3 electric vehicle battery contains 4.4 pounds of cobalt, 13 pounds of lithium, 26 pounds of manganese, 26 pounds of nickel and 77 pounds of graphite. Many of these materials are found in household batteries as well. They can be recycled into new batteries or other goods if you take them to a battery collection facility. Learn where to recycle your batteries at nahmma.org/batteries.

Source: <https://batteryuniversity.com/article/bu-705-how-to-recycle-batteries>

6. In 2021, the energy from all lithium batteries sold worldwide totaled 476.3 gigawatt hours (GWh). For comparison, an average single-family home uses 0.01 GWh per year. Energy stored in batteries can be destructive in landfills. Learn how to keep batteries out of the landfill at nahmma.org/batteries.

Source: <https://interactanalysis.com/insight/lithium-ion-battery-market-is-moving-into-surge-mode/>

7. According to an article in *Scientific American*, batteries made with recycled materials perform just as well as those made with new materials, and sometimes even charge faster and last longer! Learn where to recycle your batteries at nahmma.org/batteries.

Source: <https://www.scientificamerican.com/article/recycled-lithium-ion-batteries-can-perform-better-than-new-ones/#:~:text=The%20researchers%20found%20that%20batteries,last%20longer%20and%20charge%20faster>

8. Do you have a container full of old household batteries you don't want to "just throw away"? Learn where to recycle them at nahmma.org/batteries.

9. Which of these household batteries are easy to recycle?

- A. Alkaline
- B. Hearing Aid/Button
- C. Lead Acid
- D. Lithium
- E. Nickel-Cadmium (Ni-Cd)
- F. Nickel Metal Hydride (Ni-MH)
- G. All Of The Above

Answer: G. All Of The Above! Learn where to recycle your batteries at nahmma.org/batteries.

10. A two person household can have anywhere from 20-60 batteries in use at any time, and many of them will be replaced multiple times throughout the year! 95% of these batteries are thrown away instead of being recycled. Help us keep batteries out landfills by recycling your batteries. Find out how at nahmma.org/batteries.

Source: <https://www.batteriesinflash.com/blog/how-many-batteries-are-in-an-average-household/#:~:text=A%20household%20of%20just%20two,this%20number%20is%20even%20higher>.

11. Recycling your batteries reduces energy consumption, greenhouse gas emissions, and saves natural resources when compared to throwing them away in the landfill. Learn where to recycle your batteries at nahmma.org/batteries.

Source: [https://www.sciencedirect.com/science/article/abs/pii/S0959652622029286#:~:text=\(4\)%20The%20carbon%20emission%20of,%25%20and%2084.9%25%2C%20respectively](https://www.sciencedirect.com/science/article/abs/pii/S0959652622029286#:~:text=(4)%20The%20carbon%20emission%20of,%25%20and%2084.9%25%2C%20respectively)

12. Lithium, cobalt, manganese, and other toxic metals can be recycled from your batteries, but only if you take them to the right place. Find out where to recycle your batteries at nahmma.org/batteries.

Source: <https://www.epa.gov/recycle/used-household-batteries#:~:text=Batteries%20can%20contain%20metals%20such,the%20color%20of%20the%20label>.

13. Three billion batteries are thrown out each year in the United States. Help reduce that number! Find out how to recycle your batteries at nahmma.org/batteries.

Source: <https://mahaenergy.com/sustainability/#:~:text=Recharge%2C%20Reuse%2C%20Reduce%2C%20Recycle&text=According%20to%20the%20Environmental%20Protection,single%20use%20disposable%20alkaline%20batteries>.

14. Are you buying new batteries for your power tools this summer? Find out how to recycle the old ones at nahmma.org/batteries.

15. Almost 90% of all lead acid batteries are recycled and A typical lead-acid battery contains 60 to 80 percent recycled lead and plastic.

Source: <https://guides.library.illinois.edu/battery-recycling#:~:text=Nearly%2090%20percent%20of%20all%20lead%20acid%20batteries%20are%20recycled>.