

FACT SHEET



U.S. Battery Industry: A Catalyst for Exponential Economic Growth

The economic impact of U.S. battery manufacturing is truly astounding. Domestically produced batteries support 21% of the U.S. economy—valued at \$10 trillion—and over 54 million jobs depend on the battery industry.

Batteries ensure uninterrupted communication and transportation networks, reliable back-up emergency services, and secure financial, data, and government systems. Additionally, modern energy storage solutions are used to power automobiles, forklifts, aircraft, and other essential applications.

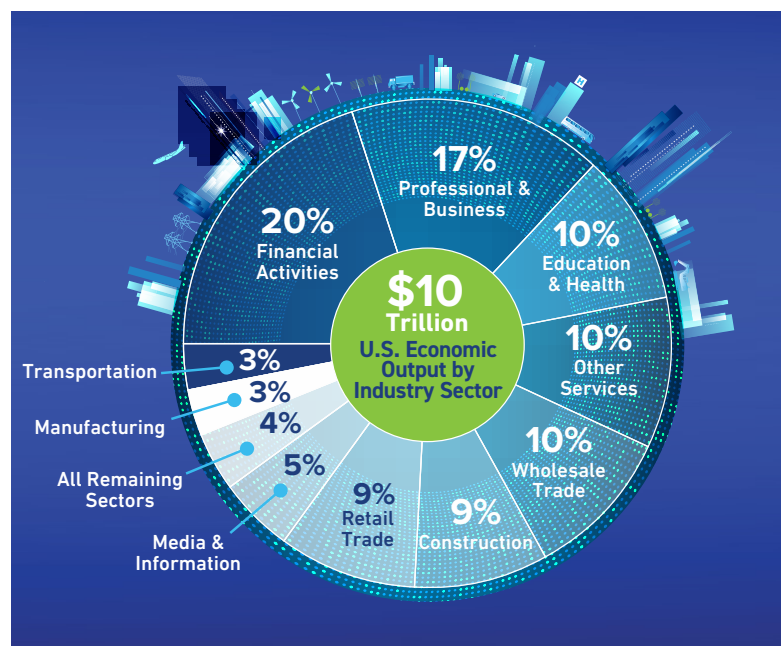
Economic Impact Enabled by U.S. Battery Industry

Analysis of economic data attributes substantial direct and downstream economic activity annually to the U.S. battery industry (2023):

- + **\$10 trillion** in domestic economic output.
- + **21%** Batteries enable over one-fifth of the U.S. economy.
- + **Over 54 million U.S. jobs** are reliant on the battery industry.
- + **\$7.1 billion** in net sales for wholesale/retail outlets (2021).
- + **\$12.2 billion** is spent by industries on storage batteries to supports daily operations (2021).
- + **\$7.5 billion** in U.S. government and defense spending (2021).

Top Industries Reliant on Batteries

Batteries ensure smooth, secure daily operations for downstream users across a wide range of vital industries. Furthermore, these industries rely on energy storage to support continued economic growth.



North America has a robust and scalable lead battery infrastructure.



Battery Chemistry Economic Highlight: Lead Battery Industry

U.S. Lead Battery Manufacturers and Recyclers Drive Growth

Among battery chemistries, the domestic lead battery industry makes a particularly strong economic impact. Its steady economic engine contributes \$35 billion to the U.S. economy annually, including:

- +106,000 U.S. jobs (over 28,000 direct jobs)
- \$15 billion in GDP
- \$3.01 billion in tax revenue (2.08B federal; \$0.93B state and local)
- \$8.6 billion in total labor income

Domestic, Circular Infrastructure Ensures Reliable Supply Chain & National Security

The circular economy of the lead battery manufacturing industry offers a resilient, reliable supply with reduced dependence on critical materials from foreign countries.

- +165 GWh Annual lead battery manufacturing capacity provided by ready-to-scale U.S. manufacturers.
- 99% U.S. lead battery recycling rate.
- +85% Amount of lead U.S. battery manufacturers source from North American recycling facilities.
- +160M Number of lead batteries diverted from U.S. landfills annually and processed into new raw materials for U.S. manufacturers.

BATTERY COUNCIL INTERNATIONAL Recently celebrating its 100th anniversary, BCI was formed in 1924 and joins together battery manufacturers and recyclers, marketers and retailers, suppliers of raw materials and equipment, and battery distributors from across North America and around the world. BCI members are committed to responsible manufacturing and recycling processes, and serve as a unified voice for environmental, health and safety stewardship.

Learn more at BatteryCouncil.org

Visit BatteryCouncil.org/sources to view source information.
04.02.25 ©2025 Battery Council International