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# U.S. Electric Vehicle Manufacturing Investments and Jobs/Characterizing the Impacts of the Inflation Reduction Act After 1 Year: Environmental Defense Fund Report

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The Environmental Defense Fund (“EDF”) issued an August 2023 report titled:

U.S. Electric Vehicle Manufacturing Investments and Jobs

Characterizing the Impacts of the Inflation Reduction Act after 1 Year (“Report”)

The Report provides information on what it describes as “significant investments” in the electric vehicle (“EV”) ecosystems in the following categories:

- Manufacturing EVs
- EV Components
- EV Batteries
- EV Battery Components
- EV Battery Recycling

The federal legislation EDF references as stimulating such investments includes:

- Bipartisan Infrastructure Law November 2021
- Inflation Reduction Act August 2022

Characterized as “Key Takeaways” from the Report include:

- Investment (Announcement by manufacturers of \$165 billion over the last 8 years in EV and EV battery manufacturing facilities.)
- Jobs (Manufacturers announced 179,300 new U.S. EV-related jobs in the past 8 years.)
- States (10 states account for 88 percent of announced EV manufacturing investments.)
- Production Capacity (In 2026, U.S. EV manufacturing facilities will be capable of producing approximately 4.7 million new passenger vehicles annually.)
- Additional Policies (Each new investment announcement is stated to represent an opportunity to set a strong standard for what high-quality, community-sustaining jobs in the clean economy can look like.)
- Continuing Growth (U.S. Investments, jobs, and production capacity will likely continue to grow in response to strong federal investments and incentives.)

Note that the 10 states referenced as having 88% of announced investment include:

- Georgia
- Michigan
- Tennessee
- South Carolina
- Nevada
- Kentucky
- North Carolina
- Ohio
- Arizona
- Indiana

Key charts include:

- Total EV Manufacturing Capacity
- Battery Manufacturing Capacity

A copy of the Report can be downloaded [here](#).