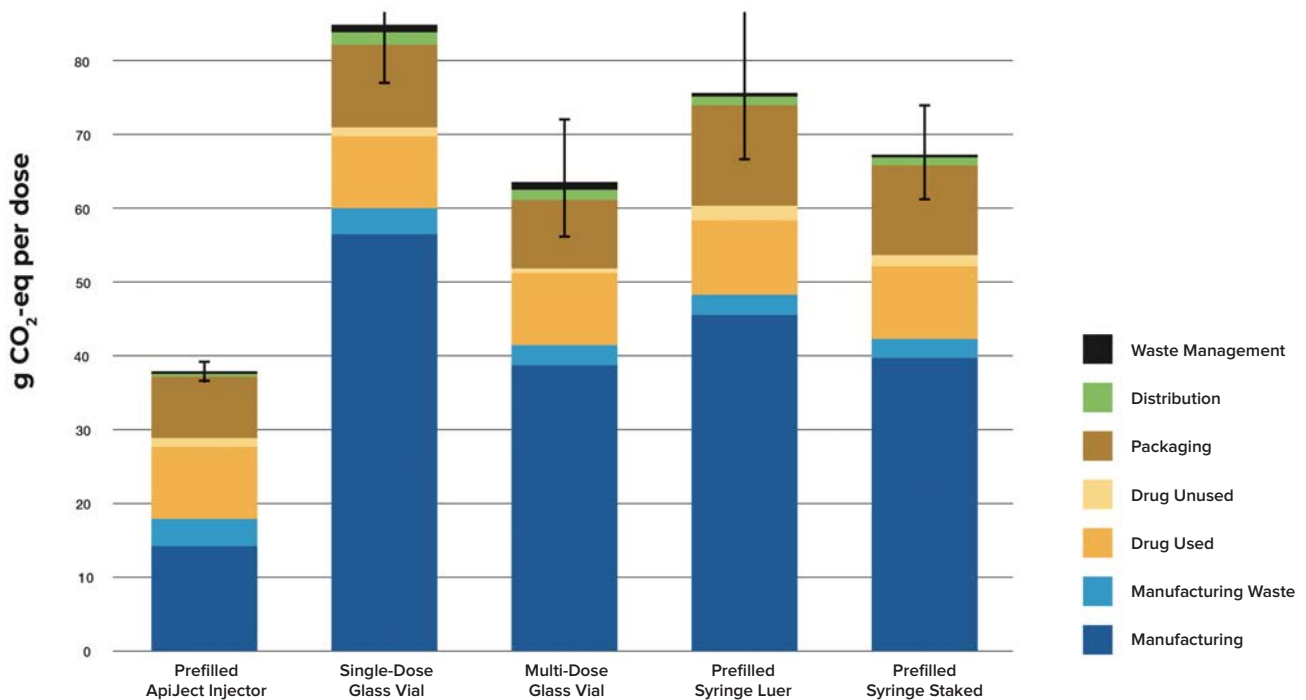




New Study Shows the Environmental Benefits of the Prefilled ApiJect Injector

A recent peer-reviewed study entitled *Life Cycle Assessment of the Prefilled ApiJect Injector** showed that the Prefilled ApiJect Injector has superior environmental benefits compared to traditional vial and prefilled injection formats across all impact categories in the U.S. EPA's Tool for Reduction and Assessment of Chemicals and Other Environmental Impacts (TRACI).



The report highlights that when compared to the ApiJect device, other formats have significantly higher carbon footprints:

- **Single-Dose Glass Vial & Syringe: 125% higher carbon emissions per dose**
- **Multi-Dose Glass Vial & Syringe: 65% higher carbon emissions per dose**
- **Luer-Locked Prefilled Syringe: 100% higher carbon emissions per dose**
- **Staked Needle Prefilled Syringe: 75% higher carbon emissions per dose**

Additional highlights compared to traditional formats (per dose): **Plastic Use** ~70% less plastic used. **Waste Generation** ~60% less medical waste. **Energy Efficiency** ~50% less energy to manufacture. **Transport Efficiency** ~40% less fuel to transport.

*Authors: Robert Litan, PhD., is a former Director of Economic Studies at The Brookings Institution, and Matthew Eckelman, PhD., is an Adjunct Associate Professor at the Yale School of Public Health. The study's analysis includes comprehensive life cycle stages from cradle-to-grave, encompassing all upstream materials production, manufacturing, inspection, packaging, transportation, use and waste management. The report applies internationally standardized (ISO 14040 and 14044) methods of Life Cycle Assessment to compare environmental impacts of five injection devices. Access the report at www.apiject.com/press-announcements.