

## **North America E-Waste Management - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 120 pages | Mordor Intelligence

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### **Report description:**

The North America E-Waste Management Market size is estimated at USD 33.33 billion in 2025, and is expected to reach USD 40.51 billion by 2030, at a CAGR of 3.98% during the forecast period (2025-2030).

North America is bolstering its e-waste management with enhanced recycling technologies and initiatives. In April 2024, Minnesota proposed a bill to revamp its e-waste laws, eyeing free recycling for residents. The bill plans to finance this through a 3.2% retail fee on electronics, aiming to curb landfill waste and salvage valuable materials.

Concurrently, businesses are ramping up e-waste recycling and refurbishing while keeping a keen eye on their carbon footprint. In July 2024, BetterWorld Technology joined forces with PCs for People, intensifying their e-waste recycling efforts and community outreach and emphasizing adherence to stringent environmental norms.

Highlighting this trend, Dell's March 2024 showcase at South By Southwest (SXSW) featured a striking 3D QR code installation crafted from e-waste. The installation guided users to a web page by DELL that streamlines the recycling process with prepaid shipping labels. The company also advocates for trade-in and recycling solutions for products from Dell and other brands.

These collective endeavors underscore North America's pivot toward pioneering recycling solutions, with a dual focus on bolstering consumer engagement and championing sustainable tech practices.

North America E-Waste Management Market Trends

United States Prioritizes Domestic E-waste Recycling to Tackle Counterfeiting and Boost Security

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In 2022, the United States generated approximately 7.19 million metric tons of electronic waste, making it the second-largest producer globally and the highest in North America. The Environmental Protection Agency collaborates with international governments and environmental officials on e-waste management to improve recycling practices.

The America COMPETES Act of 2022 includes funding for domestic semiconductor production and bans e-waste exports. It incorporates elements from the H.R.3559 - Secure E-waste Export and Recycling Act (SEERA), which aims to combat climate change, enhance national security, and strengthen the US economy by promoting domestic e-waste recycling.

As a major producer of electronic waste, the United States is enhancing its recycling capacity to prevent counterfeit goods from reentering its supply chains and to avoid exporting e-waste to China and other countries. Focusing on domestic recycling will help mitigate the risks associated with counterfeit electronics and drive higher standards within the e-waste management industry, ensuring efficient and secure e-waste processing.

#### SSC's Push for Sustainable Tech and E-Waste Management Boosting Canada's Circular Economy

Waste disposal in Canada increased by 0.5 million tonnes in 2022, reaching a record high of 26.62 million tonnes. As of October 2023, Shared Services Canada (SSC) is dedicated to providing Government of Canada employees with sustainable and secure technology. SSC's Mobile Devices Recycling Program focuses on deterring electronic waste from ending up in landfills by refurbishing, reusing, recycling, or donating old work mobile devices.

Between April 2022 and August 2023, SSC donated over 3,000 devices to the Computers for Schools Plus (CFS+) program and refurbished 1,600 devices for reuse within the government. SSC collaborates with specialized electronics recyclers to securely wipe, repair, and repurpose devices. This initiative supports the Greening Government strategy and has earned SSC recognition from the Global Electronics Council for its sustainable electronics procurement practices.

By extending device lifecycles, SSC contributes to a circular economy, reducing the demand for new devices, minimizing resource extraction, and decreasing the volume of e-waste. SSC's efforts lower environmental impact and stimulate growth and innovation in the e-waste management market, promoting a more sustainable and efficient approach to electronic waste handling.

#### North America E-Waste Management Industry Overview

The North American e-waste management market is characterized by several key players, each contributing to the sector's growth and sustainability efforts. Waste Management Inc., one of the most prominent waste management players, plays a pivotal role with its extensive recycling services and facilities. Waste Connections is another major player, offering comprehensive waste collection, transfer, and disposal services, including e-waste management.

Electronics Recycling International and Republic Services Inc. emphasize sustainable e-waste processing and responsible disposal, aligning with environmental regulations and consumer expectations. Collectively, these companies adopt strategies such as technological innovation, strategic partnerships, regulatory compliance, and consumer education to enhance their e-waste management capabilities and reinforce their market positions in North America.

#### Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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