



# Paper Calculator

presented by environmental paper network

## Version 4.1 Updates

Paper Calculator™ version 4.1 incorporates the following key revisions:

### Data and Methodology Updates:

- **Wood Use Data Revisions:**
  - Revised data for two paper grades:
    - Paperboard: Coated Unbleached Kraft
    - Paperboard: Uncoated Bleached Kraft
- **End-of-Life Data Revisions:**
  - Adjusted recycling rates based on the [2020 US EPA Municipal Solid Waste \(MSW\) report \(data year 2018\)](#):
    - Printing and writing papers revised from 44.4% to 47.4%
    - Packaging papers revised from 89% to 80.9%
  - Facial and kitchen (paper towels and napkins) tissue papers recycling rate revised to 0%
  - Toilet paper end-of-life modeled to reflect disposal via sewer with wastewater treatment, using 2025 U.S. Life Cycle Inventory (USLCI) data
- **Greenhouse Gas Data Revision:**
  - Integrated emission factors from the [Intergovernmental Panel on Climate Change \(IPCC\) Sixth Assessment Report \(AR6\)](#)
- **Methodology Resource Documents Revision:**
  - Updated methodology documentation to reflect recent data adjustments
  - Added a new summary methodology document
  - Added a summary of updates in v4.1

### Technical and Interface Improvements:

- **Measurement Conversion Tool:**
  - Users can now choose to display results in metric or imperial (English) units
- **Numerical Rounding Adjustment:**
  - Improved rounding methods to ensure greater accuracy and consistency across all numerical outputs