



2003 Climate Profile

CLIMATE PROFILE—ADDITIONAL INFORMATION

When reviewing your Climate Profile please note the following:

GHG Reduction Summary

- Although you may have reported 2003 waste reduction data, you may not have any GHG emission reductions, or they may be so low that they are automatically rounded to zero.
- The Global Environment & Technology Foundation has determined the real-life equivalency factors (in partnership with the U.S. Agency for International Development and EPA) used in this Climate Profile. Data are estimated based on the equivalents for 1 MTCE. Background information on the factors is available online through the Greenhouse Gas Emissions Equivalencies Calculator located at <www.usctcgateway.net/tool>.

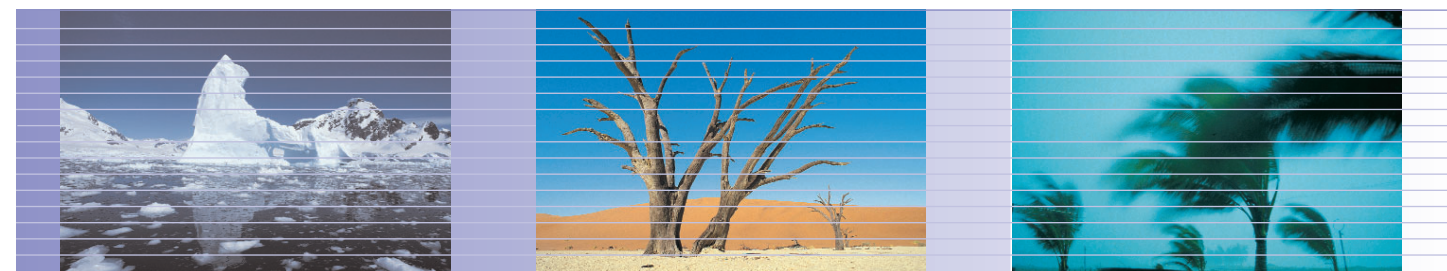
GHG Reduction by Commodity

- Although you may have reported 2003 specific waste reduction data by commodity, you may not have any GHG emission reductions, or they may be so low that they are automatically rounded to zero.
- Although the GHG emission reductions may be listed as zero, that commodity may still make up a percentage of your organization's reductions—due to the rounding of your emission reductions.
- The commodities' percentages may not total 100, this is due to the rounding of the figures.

- Although you may have reported waste reduction for organics, the number in the data table may not be what you anticipated. This is due to the fact that some organic recycling actually produces emissions rather than reduces emissions. If this was the case for your organization, and the positive figure affected the chart, the organics number was changed to zero.

GHG Reduction Progress: 2000–2003

- Although you may have reported 2003, 2002, 2001, or 2000 waste reduction data, you may not have any GHG emission reductions, or they may be so low that they are automatically rounded to zero.
- Because the numbers in the data table are rounded, the numbers in the graph will not always be identical, as they are not rounded.
- If your organization did not submit a report, it is noted in the data table as "N/A." If your organization did submit a report, but waste prevention or recycling data were not reported, this is noted as zero.



DISCLAIMER

This document is intended to help WasteWise partners assess their progress in reducing greenhouse gas emissions. Data used in this report were obtained from WasteWise partners' 2003 annual reports, which are not provided to the public or other entities without the partners' written consent. The WasteWise program does not scientifically verify the accuracy of partners' reported data; therefore, this information is not for distribution outside of an individual partner and the WasteWise program.

Every year, WasteWise partners work to reduce their waste generation through waste prevention and recycling initiatives—activities that are good for the environment and for their companies' bottom line. In conjunction with these efforts, companies are learning about the global benefits that these activities provide, including greenhouse gas (GHG) emission reductions. The U.S. Environmental Protection Agency's WasteWise Program recently began its Climate Campaign through which it educates organizations about the important link between climate change and waste. One of the Climate Campaign's many useful tools is this Climate Profile.

GHGs are emitted at nearly every stage of a product's life cycle, including during waste management. How companies choose to manage this waste has significant implications for GHG emissions. Alternative waste management practices, such as waste prevention and recycling, can result in significant reductions in GHG emissions, as noted in this Climate Profile.

HOW TO USE THIS CLIMATE PROFILE

Individualized Climate Profiles are distributed annually to reporting WasteWise partners to provide them with the means to easily learn, and educate others, about each company's individual GHG emission reduction efforts. The real-life equivalencies provided in the Climate Profile can be used by the company in various ways, including:

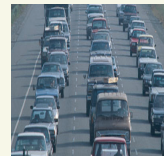


General Motors Corporation Making a Difference

2003 Waste Reduction Achievements

Waste Management Activity	GHG Emission Reductions (MTCE)	GHG Emission Reductions (MTCO2E)
Waste Prevention	350,165	1,166,050
Recycling	1,318,277	4,389,862
TOTAL	1,668,442	5,555,911

These achievements are equivalent to:



Removing this many passenger cars from the road for one year (based on CO2E annually emitted per car)

252,119
949,159
1,201,278



This many passenger cars/light trucks not driven for one year (based on CO2E annually emitted per vehicle)

210,099
790,966
1,001,065



This many gallons of gasoline (based on CO2 emissions per gallon)

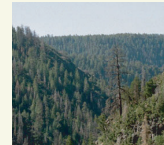
132,712,562
499,626,893
632,339,455

■ = Waste Prevention
■ = Recycling
■ = Total



This many tree seedlings grown for 10 years (based on CO2 sequestration per tree)

29,764,031
112,053,525
141,817,556



This many acres of pine or fir forests storing carbon for one year (based on CO2 sequestration per tree)

969,957
3,651,627
4,621,584



This many acres of forest preserved from deforestation (based on CO2 sequestration per tree)

10,505
39,548
50,053



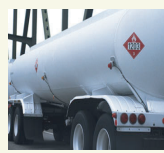
This number of propane cylinders used for home barbecues (based on CO2 emissions per pound of propane)

48,672,945
183,240,470
231,913,415



This many barrels of crude oil (based on CO2 emissions per barrel)

2,710,278
10,203,462
12,913,740



This many tanker trucks filled with gasoline (based on CO2 emissions from gasoline stored per truck)

14,007
52,731
66,738



The annual emissions from the power consumption of this many households (based on annual emissions per household)

150,571
566,859
717,430



This number of railcars of coal burned (based on CO2 emissions per ton of coal)

7,003
26,366
33,369



Tons of waste recycled instead of landfilled (based on CO2E emissions per ton of waste landfilled)

392,185
1,476,470
1,868,655

GHG = Greenhouse Gas

MTCE = Metric Tons of Carbon Equivalent

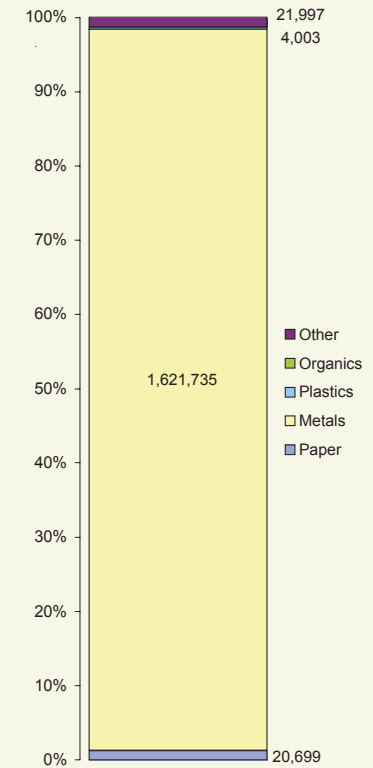
MTCO2E = Metric Tons of Carbon Dioxide Equivalent

This profile describes the GHG emission reductions achieved as a result of recycling and waste prevention activities reported to WasteWise in 2003. These calculations use the emissions generated by landfilling waste as a baseline. Emission reductions represent the difference between this baseline and the GHG emissions resulting from alternative waste management practices, such as waste prevention and recycling.

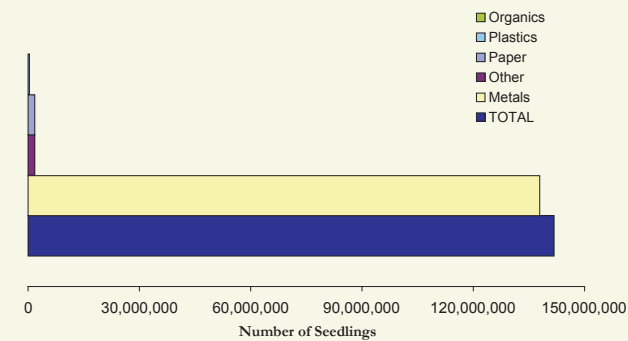
2003 GHG Reductions by Commodity

Commodity	Volume of Waste Prevented and Recycled (pounds)	GHG Reductions (MTCO2E)
Paper	50,978,408	68,929
Metals	4,312,517,172	5,400,379
Plastics	17,572,460	13,332
Organics	187,875	22
Other	1,835,463,891	73,250
TOTAL	6,216,719,806	5,555,911

GHG Reduction by Commodity (in MTCE)



Emission Reductions Equivalent to Growing This Many Tree Seedlings



2000-2003 GHG Reductions Progress

Activity	2000	2001	2002	2003
	GHG Reductions (MTCE)			
Waste Prevention	9,275	2,447	5,261	350,165
Recycling	1,332,928	1,435,870	1,203,633	1,318,277
TOTAL	1,342,203	1,438,317	1,208,894	1,668,442

GHG Reduction Progress: 2000-2003

