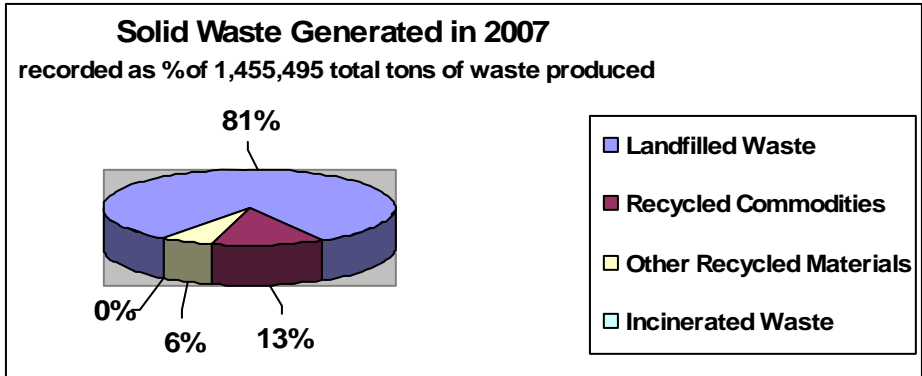


2007 Recycling Summary

This summary is a review of all recycled materials diverted from Montana landfills in 2007. The data presented in this summary on total recycled materials was obtained by reviewing permit renewal applications from all state licensed solid waste management facilities including landfills, transfer facilities, compost operations and resource recovery facilities. Data from non-licensed recycling organizations businesses and end processors was obtained through **voluntary participation** in the 2007 Montana Recycling Survey. (** Important to note that 5 major participants did not report recycling numbers for the 2007 survey*)

In the United States, we generated approximately 254 million tons of MSW in 2007. Excluding composting, the amount of MSW recycled increased to 63.3 million tons, an increase of 1.9 million tons from 2006. MSW generation in 2007 per person per day was 4.62 pounds. The recycling rate per person per day for 2007 is 1.54 pounds. In Montana we generated 1.4 million tons of MSW in 2007 and based on 2007 Census population figures of 957,861 Montanan's generated 1.51 pounds of MSW and recycled .3 pounds per person per day.

Summary of Data	Total Tons	Percentage of Total
Solid Waste Generated	1,455,595	100%
Landfilled Waste:	1,188,584	82.1%
Incinerated Waste:	0	0
Recycled Commodities	182,064	12.6%
Other Materials:	84,947	5.9%
Total Diversion Rate:	267,011	18.34



The EPA's recyclable commodities list was used to determine the recycling rate list.

Commodities list is as follows:

- | | |
|---------------------|----------------------|
| Aluminum Cans | Plastics |
| Steel Cans | Paper |
| Mixed Metals | Corrugated Cardboard |
| Ferrous Scrap Metal | Glass |

Other Materials

- | | |
|-------------------|----------------------------|
| Food Scrap | Yard Trimmings |
| Fly Ash | Construction/Demolition |
| Organics | Batteries |
| Mixed Recyclables | Other Recyclables |
| Carpet | Electronics |
| Sewage Sludge | House Hold Hazardous Waste |

This data has been used with conjunction with the National Recycling Coalition's

Environmental Benefits Calculator. The calculator generates estimates of

environmental benefits based on the number of tons of specified materials recycled,

landfilled and incinerated in Montana. The calculator yields detailed information in the

following areas:

- ❑ Reductions in Greenhouse Gas Emissions through Recycling
- ❑ Energy Savings from Recycling
- ❑ Life Cycle Stage Comparisons
- ❑ Air Emissions and Waterborne Wastes
- ❑ Select National Resource Savings
- ❑ Number of Trees Saved

Review of Montana Recycled Materials Converted by Environmental Benefits Calculator

Reductions in Greenhouse Gas Emissions through Recycling

Greenhouse Gas Emissions Associated with Recycling	-142,325
Greenhouse Gas If All Landfilled	5,309
Net Greenhouse Gas Emissions from Recycling Compared To Landfilled	-147,634
Greenhouse Gas Reduction in Passenger Cars Equivalent	-111,399

Energy Savings from Recycling

Net Energy from Recycling Compared to Disposal (millions BTU)	-5,382,627
Energy Savings in Per Household Equivalent	-51,166

Life Cycle Stage Comparisons

Energy Used During Recycling and Processing (millions BTU)	146,613
Energy Used Waste Collection and Landfill	54,586
Energy Used During Waste Collection, Processing and Incineration	190,352
Energy Used for State's Average Mix of Landfill	54,586

Air Emissions and Waterborne Wastes

Reduced Emissions Due to Recycling (tons)	217,080.0
AIR EMISSIONS	
Reduced Emissions Due to Recycling (tons)	808.2
WATERBORNE WASTES	
Total (Excluding CO2 and Methane)	4,934.6

Select National Resource Savings

Total Tons Resources Saved	199,433
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Number of Trees Saved

In summary, there are many ways to express the resource savings that recycling effects. Even when considering energy used to recycle, the savings in resources rationalizes the value of recycling. As Montana recycling statistics increase, the efficiency will only become more evident. For more information on recycling visit the DEQ website at: www.deq.mt.gov/recycle/index.asp

Recycling Rates for the State of Montana

2003 15.0%

2004 15.0%

2005 18.7%

2006 18.6%

State Government's Recycling Efforts

From January 1, 2006 thru October 31, 2006 the totals are as follows:

Cardboard - 35,674 pounds
Newspaper - 73,581 pounds
Office Pack - 338,241 pounds
Phone books - 2,476 pounds
Magazines - 1174 pounds
Aluminum - 172 pounds

Note:

Prices for all recycled materials tend to follow expansions and contractions in overall demand for manufactured goods. At the same time, specific trends in each industry be it paper, cardboard, steel, aluminum, or plastics can push prices for the different recycled materials in opposite directions. These factors combined with the many market development projects and continued education through out the state, have helped to make recycling the new buzz word.