



The State of Solid Waste in Minnesota



Climate

Climate: A statewide plan



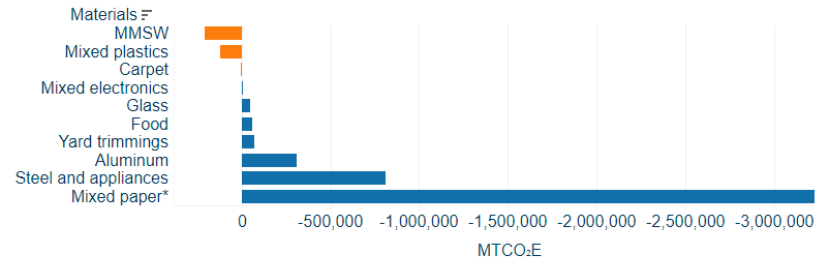
Putting Minnesota on track to meet or exceed greenhouse gas reduction goals and prepare our communities for the impacts of climate change

mn.gov/framework

Climate: Impacts of the solid waste system

Estimated greenhouse gas (GHG) emissions and savings by material

All estimates of GHG were calculated using EPA's WARM. There were additional materials collected for recycling that could not yet be modeled through WARM. The tonnage not used was 268,961 and represents 4.5% of the total generation.



- Reduction
- Reuse
- Recycling
- Waste to Energy
- Landfilling

The table below displays the source of the GHG emissions or savings in metric tons of CO₂ equivalent for each material by end of life management method per WARM.

Materials	Source reduction	Recycling	Composting	WTE	Landfill	Total
MMSW	0	0	0	-30,487	242,968	212,481
Mixed plastics		-69,256		182,938	7,969	121,651
Carpet		-2,922		6,202	281	3,560
Mixed electronics		-9,153		4,614	527	-4,012
Glass		-46,637		610	801	-45,226
Food	-211,743	0	-10,751	-34,727	200,482	-56,740
Yard trimmings		0	-54,221	-6,233	-9,128	-69,582
Aluminum		-312,110		328	386	-311,396
Steel and appliances		-753,266		-60,433	1,532	-812,167
Mixed paper*		-3,144,130		-164,456	75,752	-3,232,834
Grand Total	-211,743	-4,337,474	-64,972	-101,643	521,569	-4,194,263

* Includes boxboard and cardboard



Go to previous

Go to next

- Region
- Statewide
 - Greater MN
 - Metropolitan Area

County

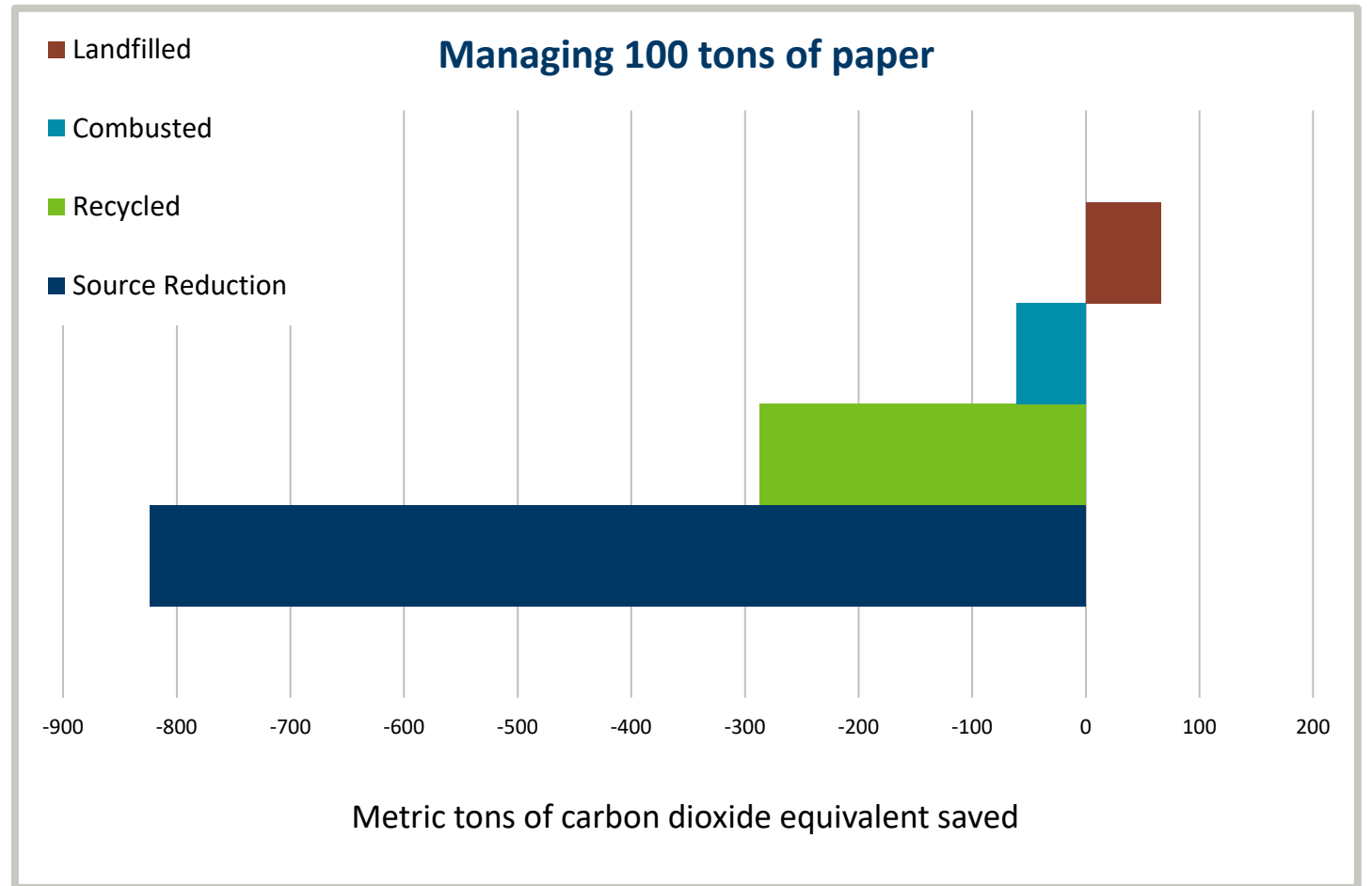
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- Reduction/Reuse Terms
- Definitions
- About
- Download instructions

Climate: Reducing climate impacts

Highest potential to reduce climate impacts:

- Prevention
- Reuse



Climate: Environmental review pilot

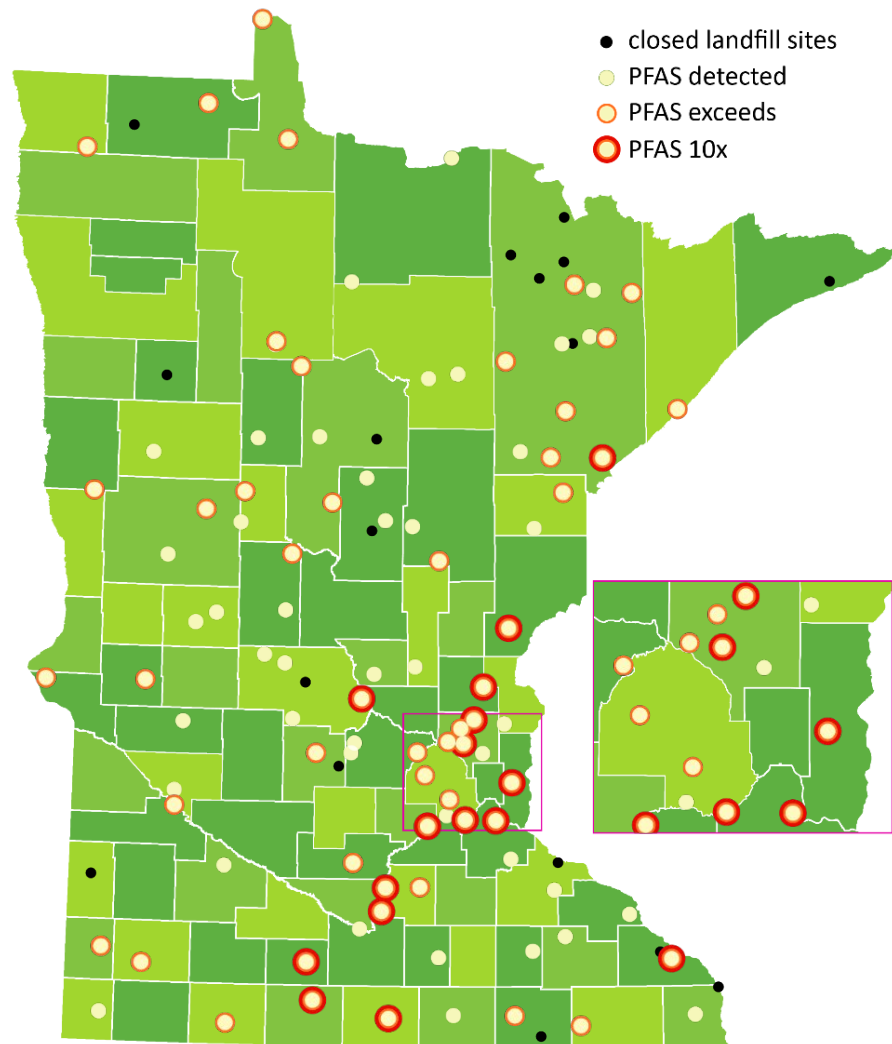
- Voluntary participation
- Includes climate impacts in environmental review process
- Informs future changes to EAWs





PFAS

PFAS: A statewide issue



- 97% of closed landfills have PFAS contamination
- Nearly 60% of them exceed state PFAS guidelines
- 15% reach 10x the guideline level

PFAS: Progress on Blueprint



- Preventing PFAS pollution
- Improving measurement
- Ensuring safe drinking water
- Verifying fish, game are safe to eat
- Incorporating new science

PFAS: What comes next?

- PFAS source evaluation
- Implement monitoring plan
- Legislative request for community grants





Legislative
priorities

Legislative priorities: Capital Assistance Program



- Organics Capacity (\$10 million)
- Pope and Douglas counties (\$5.9 million)
- Scott and Dakota counties (\$3.8 million)
- Olmsted County (\$10 million)
- Polk County (\$2.4 million)
- Chisago County (\$281,000)
- Cass County (\$2 million)

Legislative priorities: Expand grant limit, eligibility

Raise Capital Assistance Program grant limit to \$5 million/project

- Expand to waste prevention, reuse projects
- Consider social, environmental impact



Legislative priorities: Investments to reduce waste



\$18.9 million for waste prevention, reuse, recycling, and composting grants

- Wasted food/food rescue
- Recycling market facility development
- Compost and anaerobic digestion facilities
- Sustainable building and materials management

Legislative priorities: Reduce solar panel waste

Establish program for reducing waste from discarded solar panels

- Collection service to keep panels out of landfills
- Recover valuable materials in the process



Legislative priorities: PFAS community grants



\$2 million to help communities, businesses prevent PFAS contamination

- Replace PFAS-containing firefighting foams
- Offset monitoring costs
- Support pollution prevention

Upcoming opportunities

- Funding:
 - Greater MN recycling/composting
 - Prevention of wasted food/food rescue
 - Recycling market development
- Become a MN GreenCorps host site
- Comment on Metro Solid Waste Policy Plan



The State of Solid Waste in Minnesota



Climate

Climate Action Framework
Solid waste prevention, reuse
Environmental review



PFAS

PFAS Blueprint progress
Source evaluation work
Monitoring plan



Legislative priorities

County infrastructure projects
Capital Assistance expansion
Waste reduction grants