

# Draft 2010-2020 Solid Waste Master Plan: Commercial Waste Reduction Strategies

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Massachusetts  
Department  
*of*  
ENVIRONMENTAL  
PROTECTION

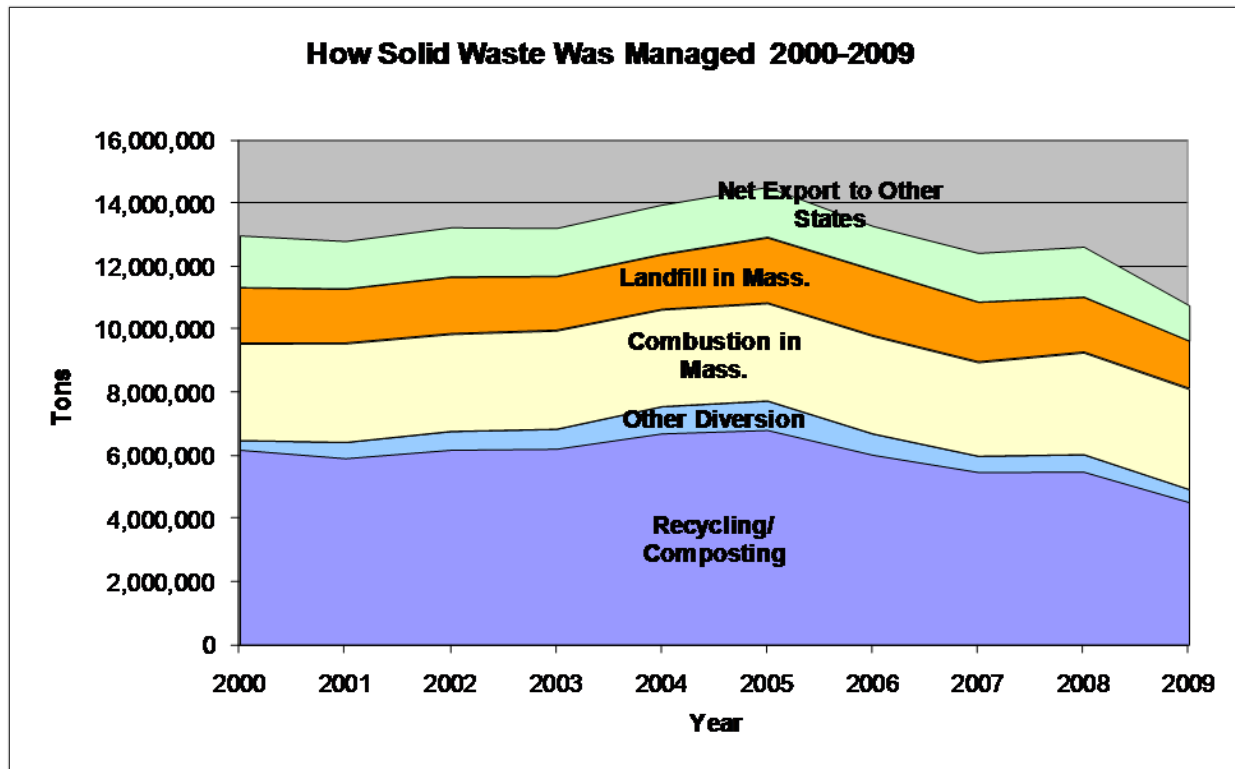
# Background

- Required by MGL Chapter 16, Section 21 (Solid Waste Act of 1987)
- First SWMP published in 1990
- “Beyond 2000” SWMP published in 2000
- “Beyond 2000” Plan revised in 2006
- 2010-2020 Draft Plan: Pathway to Zero Waste – vision for 2020 and beyond

# Draft Plan Focus

- Dramatically increase recycling and re-use
- Maintain moratorium and develop improved performance standards
- Seize recycling economic and job creation opportunities
- Increase producer responsibility requirements
- Develop integrated solid waste management systems

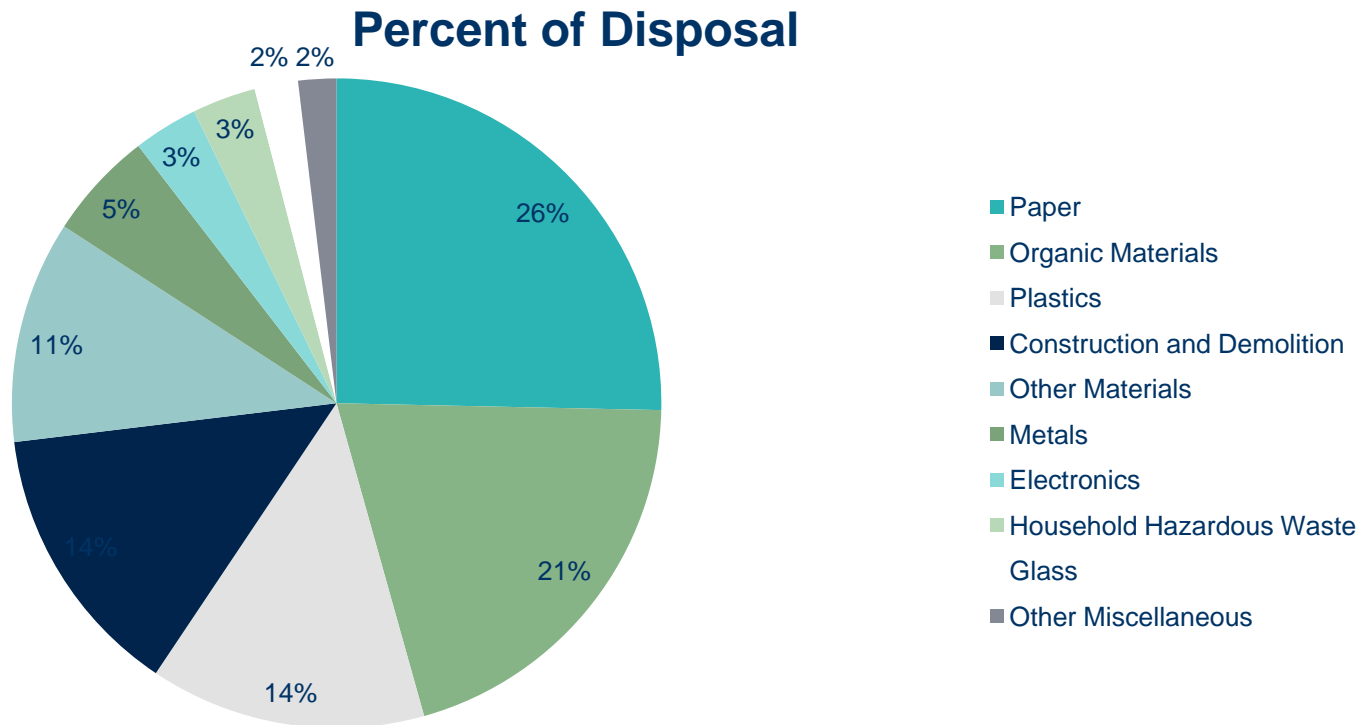
# Solid Waste Management 2000-2009 (2009 data is draft)



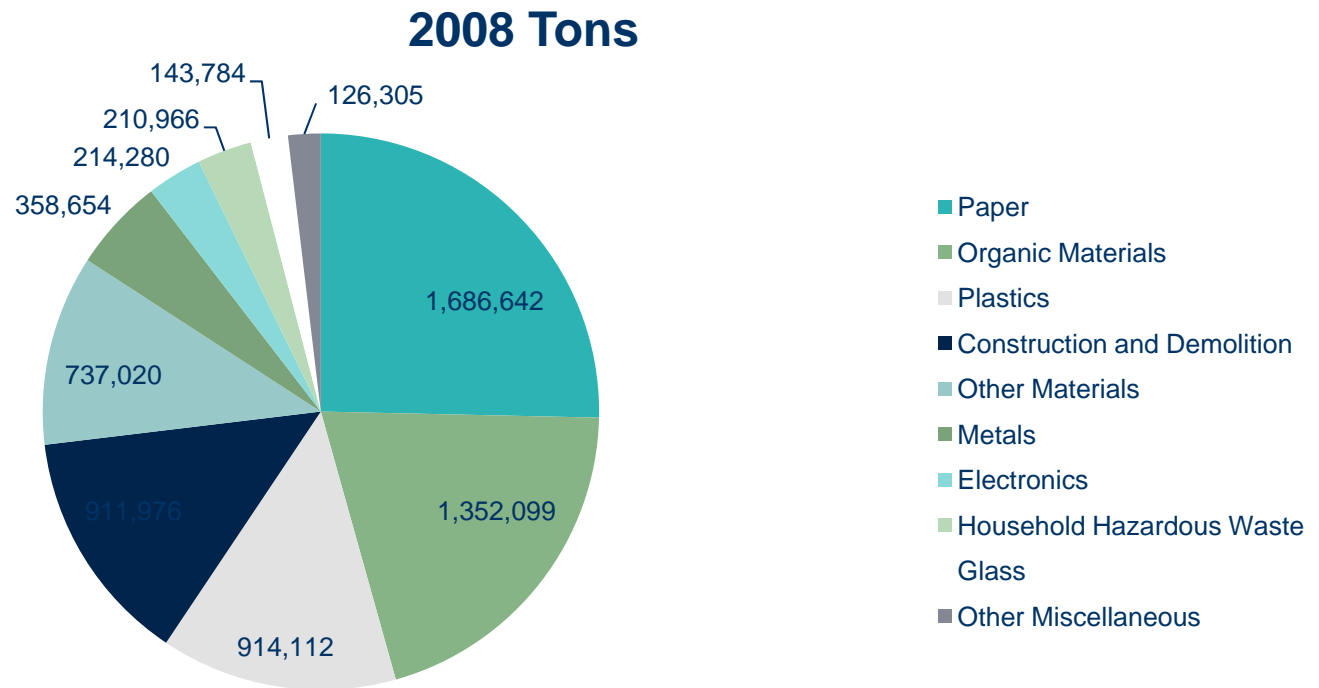
# 2020 and 2050 goals

- 2020
  - Reduce disposal by 30% (6.5 to 4.5 million tons)
  - Continue to divert toxic substances from waste
- 2050
  - Reduce disposal by 80% (6.5 to 1.3 million tons)
  - Virtually eliminate products with toxics from waste stream

# Massachusetts Waste Composition Data

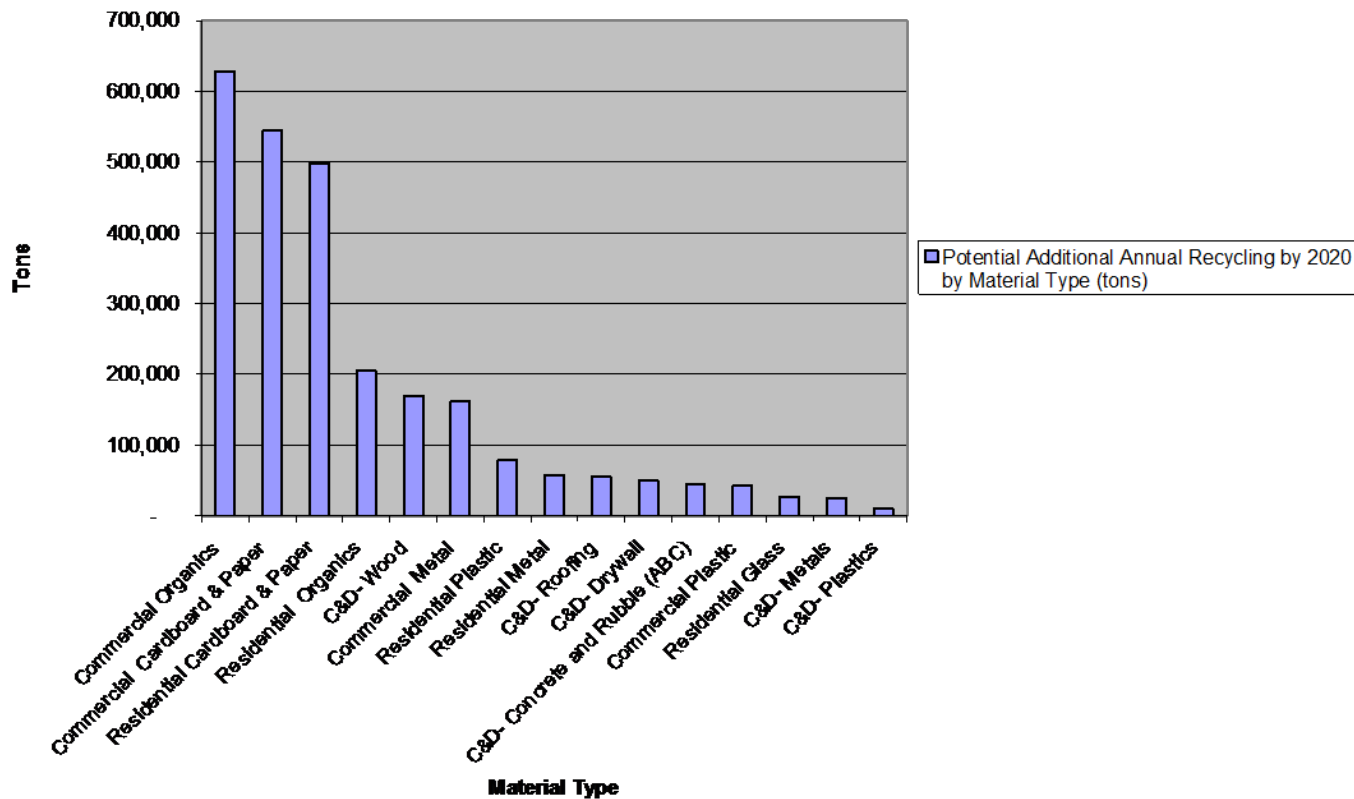


# Massachusetts Waste Composition Data



# Additional Diversion Potential

Potential Additional Annual Recycling by Material Type by 2020 (tons)  
(in addition to 2008 baseline recycling)





# Commercial Waste Reduction Strategies

- Technical assistance – business assistance providers
- Waste ban enforcement
- Waste hauler recycling service requirement
- Material exchange and reuse
- WasteWise program
- Resource Management contracting

# Organics Diversion

- About 1 million tons generated/year
- Goal to divert additional 350K tons organics by 2020 – mostly commercial/institutional
- Inter-agency task force discussions ongoing
- Next meeting on May 20
- 4 subgroups have met

# Organics Diversion Strategies

- Develop organics processing & hauling infrastructure
- State funding assistance matrix
- Solid waste and wastewater regulation changes
- Re-examine renewable energy credits
- Waste ban by 2014

# Sustainable Materials Recovery Program – Recycling Funding

- Recycling funding through waste to energy renewable energy credits
- 50% of value to recycling programs approved by MassDEP
- Four areas
  - Municipal/residential recycling
  - Commercial recycling
  - Market Development
  - Core Services

# For More Information

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<http://www.mass.gov/dep/recycle/priorities/dswmpu01.htm#swmp>