



R·R·R·A·S·O·C

2013 Annual Report

Member Communities

**Farmington
Farmington Hills
Novi
South Lyon
Southfield
Walled Lake
Wixom**

Board of Directors

Chairman

Vincent Pastue, City Manager, Farmington

Vice Chairman

Anthony Nowicki, City Manager, Wixom

Treasurer

Fred Zorn, Deputy City Administrator, Southfield

Secretary

Lisa McGill, DPW Coordinator, Walled Lake

Steve Brock, City Manager, Farmington Hills

Clay Pearson, City Manager, Novi

L. Dennis Whitt, City Manager, Walled Lake

Rod Cook, Interim City Manager, South Lyon

Designated Board Alternates

Gary Mekjian, Director, Farmington Hills Department of Public Works

Chuck Eudy, Director, Farmington Department of Public Services

Rob Hayes, Director, Novi Department of Public Services

Mike Howell, Director of Public Works, Wixom

RRRASOC Staff

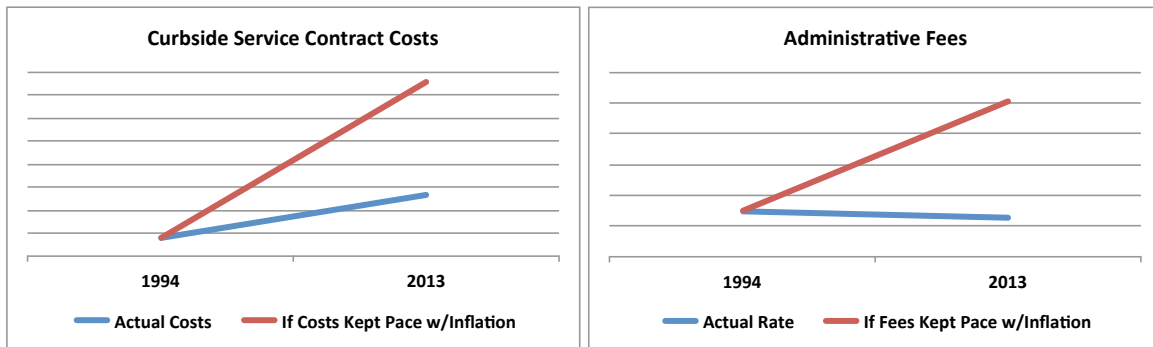
Michael Csapo, General Manager

Laura Shaw, Administrative Secretary

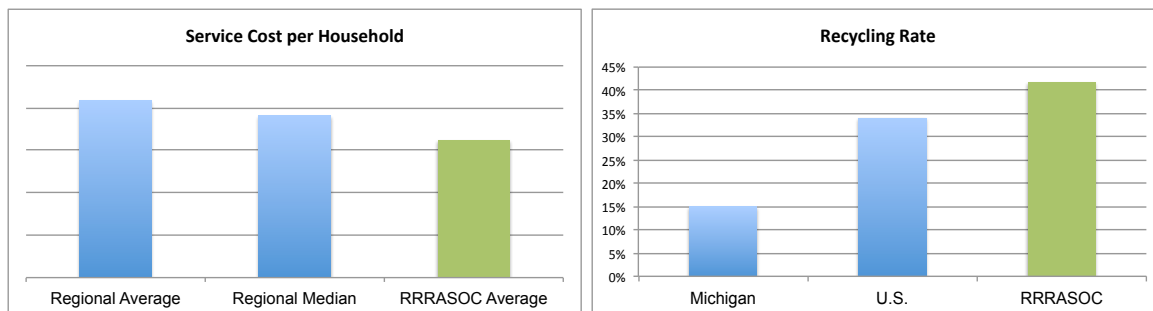
Rachel Pitt, Recycling Coordinator

During 2013, RRRASOC continued its focus on cost-effectiveness and performance. An evaluation of contract rates for curbside service demonstrated that costs continue to be among the lowest in the region and more than 25% below where they would have been had they kept up with inflation.

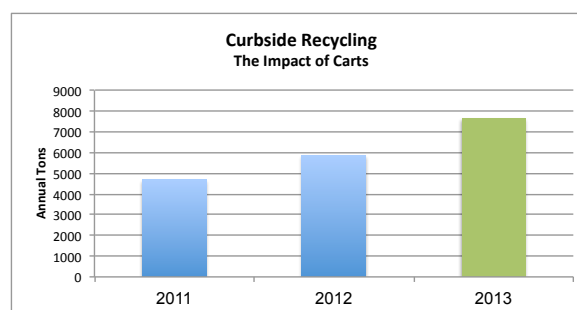
Meanwhile, actual administrative fees are lower than they were in 1994 and nearly 38% below 20-year inflation-adjusted rates.



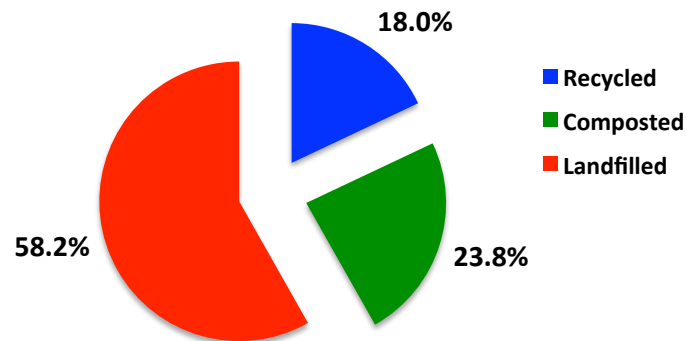
Last year, more than 28,061 tons of yard waste, recyclables, and household hazardous waste items were collected through the RRRASOC collection programs and diverted from local landfills. Eighteen percent of all residential solid waste was recycled into new products and nearly 24 percent was composted. Total recycling, which includes composting, increased to nearly 42 percent, while waste generation per household continued to fall.



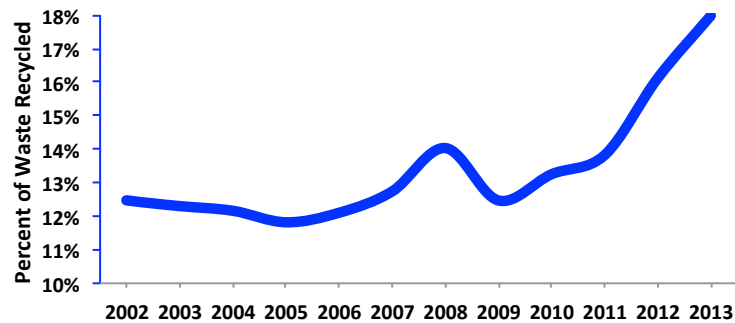
2013 marked the first full year of the use of large recycling carts in Farmington, Farmington Hills, and Wixom. Combined curbside volume increased in those communities 63%, when compared to using the smaller bins.



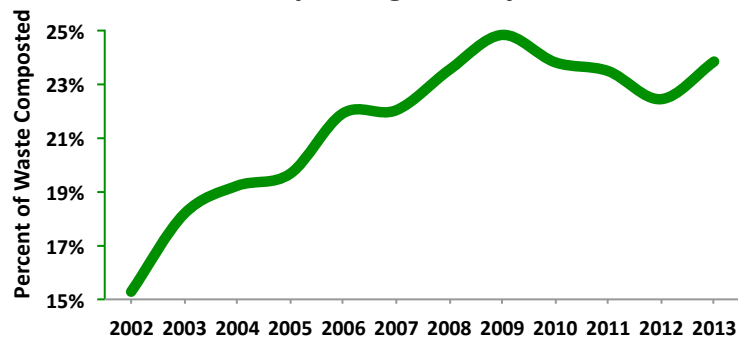
Solid Waste Disposition: 2013



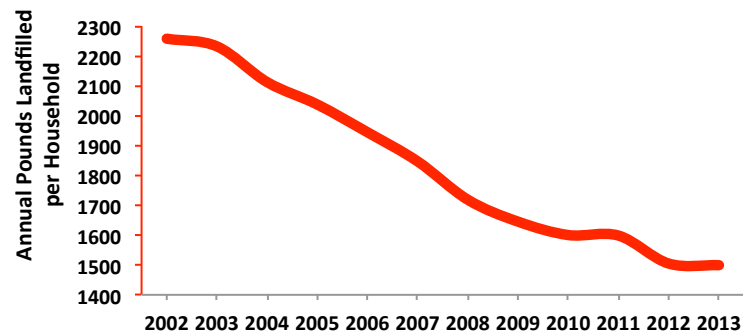
Recycling History



Composting History



Waste Generation History



In 2013, RRRASOC and its operating partner, ReCommunity Recycling, continued to jointly fund capital improvements to the materials recovery facility (MRF), including the recycling drop-off center. The MRF remains Michigan's highest capacity facility.

Improvements to the surrounding landscape areas helped earned the facility an Honorable Mention award in the Eight Mile Boulevard Association's Annual Beautification Awards.



More than 60,261 tons of processed material were shipped throughout the U.S. and abroad, compared to 59,851 tons in 2012, 10,395 tons in 2011 and 13,494 tons in 2010.

Paper materials continued to be the predominate commodity processed at the facility, constituting nearly 68 percent of shipped material. Containers and miscellaneous items (glass, metal, & plastic) contributed to the remainder of the material processed and shipped in 2013.

Curbside recycling from more than 52,100 RRRASOC area homes and material from the RRRASOC drop-off centers combined for nearly 19 percent of the total material processed. The MRF processed nearly 11,774 tons of material from the RRRASOC communities, representing an 18 percent increase from 2012.

Where Your Recycled Materials Go

After Michigan's recycled material is separated and baled at the local ReCommunity MRF, it is sent to a variety of reprocessing locations to be made into new products. See the map below for a sample list of commodities and common reprocessing locations.



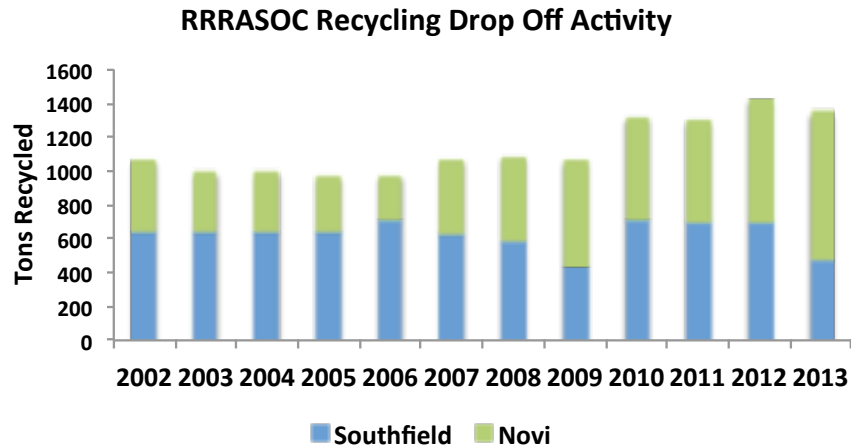
RRRASOC's Household Hazardous Waste (HHW) collection program experienced record-setting participation in 2013. Overall, 5,623 residents took advantage of the opportunity to recycle and properly disposed of the hazardous material found in their homes, making it the highest year for participation in the program's history and 31% above the average for the previous 10 years.

Nearly 265,000 pounds of material were collected in 2013. Used electronic equipment made up 62 percent of the material. Lead acid and dry cell batteries comprised more than six percent. Five percent was oil based paint, four percent was motor oil, and other flammable liquids accounted for three percent.

The material was handled by Environmental Recycling Group, Inc. (ERG), a local hazardous waste company. Disposal and recycling costs through ERG continue to be the lowest in southeast Michigan. All material was handled in accordance with state and federal laws. Document shredding was also provided at each event by ShredCorp.



RRRASOC's recycling drop-off centers, located in Southfield and Novi, continued to be popular recycling options. Both locations accept material that is processed at the MRF. Last year, nearly 1,346 tons were brought to these sites for recycling.



Through a continued partnership with Vintage Tech Recycling, RRRASOC provided e-waste recycling drop-off services and events at its Southfield location and at the Department of Public Works in the City of Wixom. Nearly 260,000 pounds of e-waste were collected at the sites. In addition, Vintage Tech Recycling continued to provide "At Your Door" electronics recycling, allowing residents to schedule free and convenient at-home pick-up service.





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