

## 2014 GreenHouse Gas Emission Reductions by Recycling vs. Landfilling

Material	MRF Tons Processed <sup>2</sup>	MTCO <sub>2</sub> E <sup>3</sup>	Passenger Cars Equivalent CO <sub>2</sub> Emissions <sup>4</sup>	Gals Gas Consumed Equivalent CO <sub>2</sub> Emissions <sup>4</sup>	Homes' Electricity Equivalent CO <sub>2</sub> Emissions <sup>4</sup>
Old corrugated cardboard (OCC)	244,590	742,496	156,315	83,548,554	67,746
All other paper <sup>1</sup>	374,579	1,281,556	269,801	144,205,694	116,930
Aluminum containers	9,395	85,933	18,091	9,669,517	7,841
Steel (tin)/bimetal containers	20,383	37,712	7,939	4,243,502	3,441
Glass containers	133,836	42,217	8,888	4,750,422	3,852
Plastic containers #1-7	47,239	50,610	10,655	5,694,835	4,618
<b>Total</b>	<b>830,022</b>	<b>2,240,524</b>	<b>471,689</b>	<b>252,112,524</b>	<b>204,428</b>

## 2014 Emissions Equivalencies From Recycled Materials<sup>4</sup>

	Passenger Cars Equivalent CO <sub>2</sub> Emissions	Gals Gas Consumed Equivalent CO <sub>2</sub> Emissions	Homes' Electricity Equivalent CO <sub>2</sub> Emissions
Using 2014 RU Data Totals	218,391	116,727,692	94,650
Using 2014 MRF Data Totals <sup>2</sup>	471,689	252,112,524	204,428

<sup>1</sup> Includes some non-banned paper, primarily residential mixed paper

<sup>2</sup> MRF Tons Processed includes recyclables collected from Responsible Units as well as non-residential sources

<sup>3</sup> Calculated using the EPA's Waste Reduction Model ([www.epa.gov/climatechange/wycd/waste/calculators/Warm\\_home.html](http://www.epa.gov/climatechange/wycd/waste/calculators/Warm_home.html))

<sup>4</sup> Calculated using the EPA's Greenhouse Gas Equivalencies Calculator ([www.epa.gov/cleanenergy/energy-resources/calculator.html](http://www.epa.gov/cleanenergy/energy-resources/calculator.html))