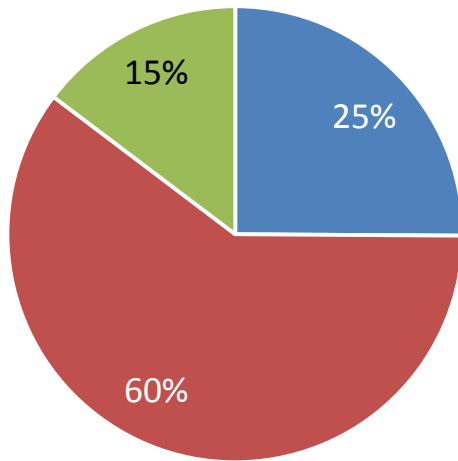


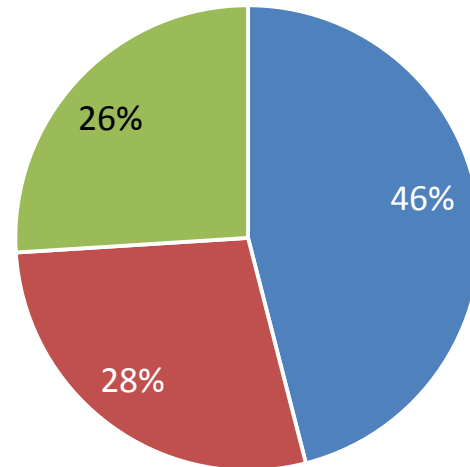
Philadelphia Municipal Solid Waste (MSW) 2014 = ~2.5 Million Tons

MSW Generation by Sector



■ Residential ■ Commercial ■ C&D

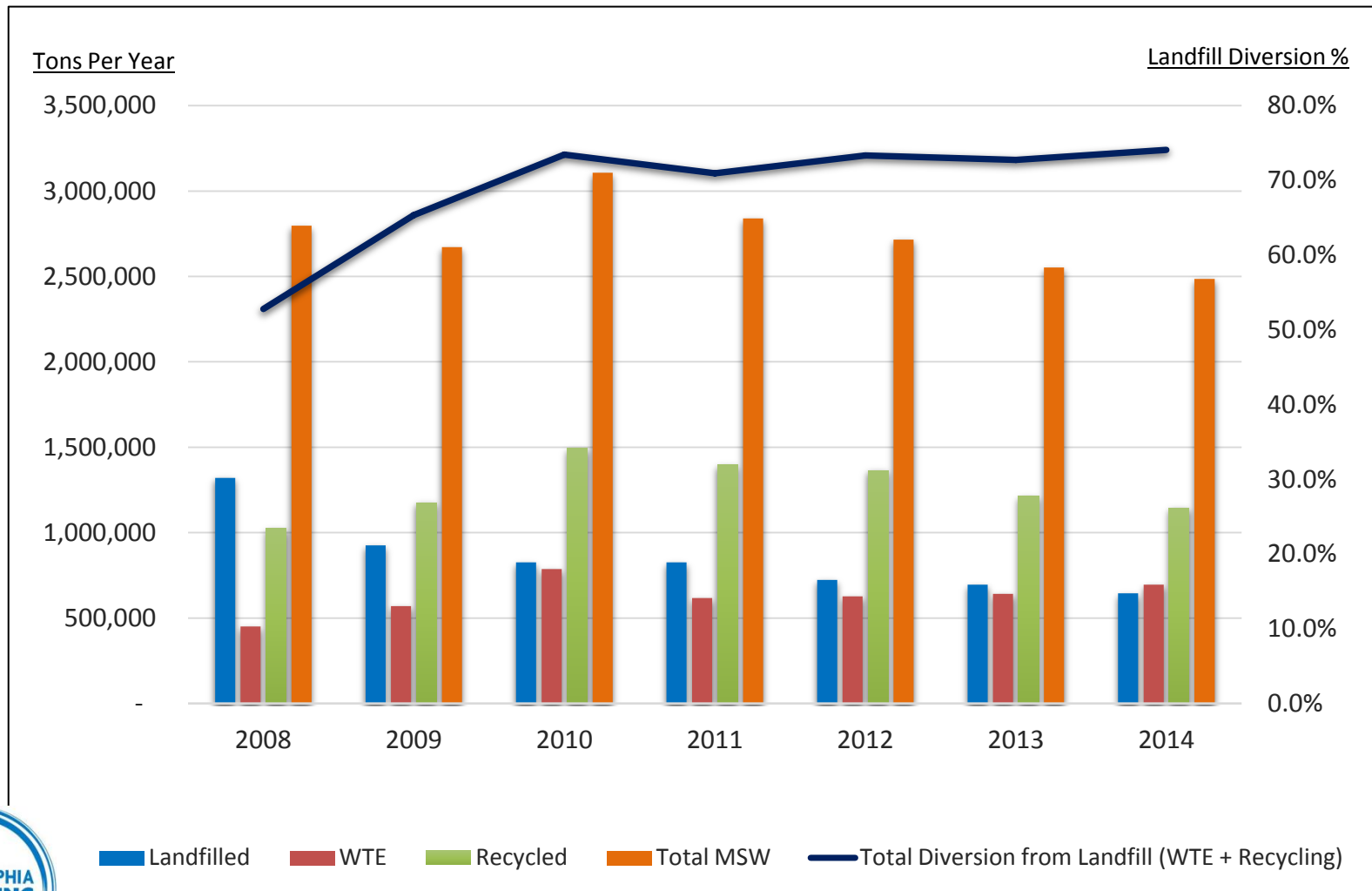
MSW by Disposal/Recycling Method



■ Recycled ■ Waste to Energy ■ Landfilled



Philadelphia MSW Trends & Progress Towards *Greenworks* Goal #7, 2008-2014

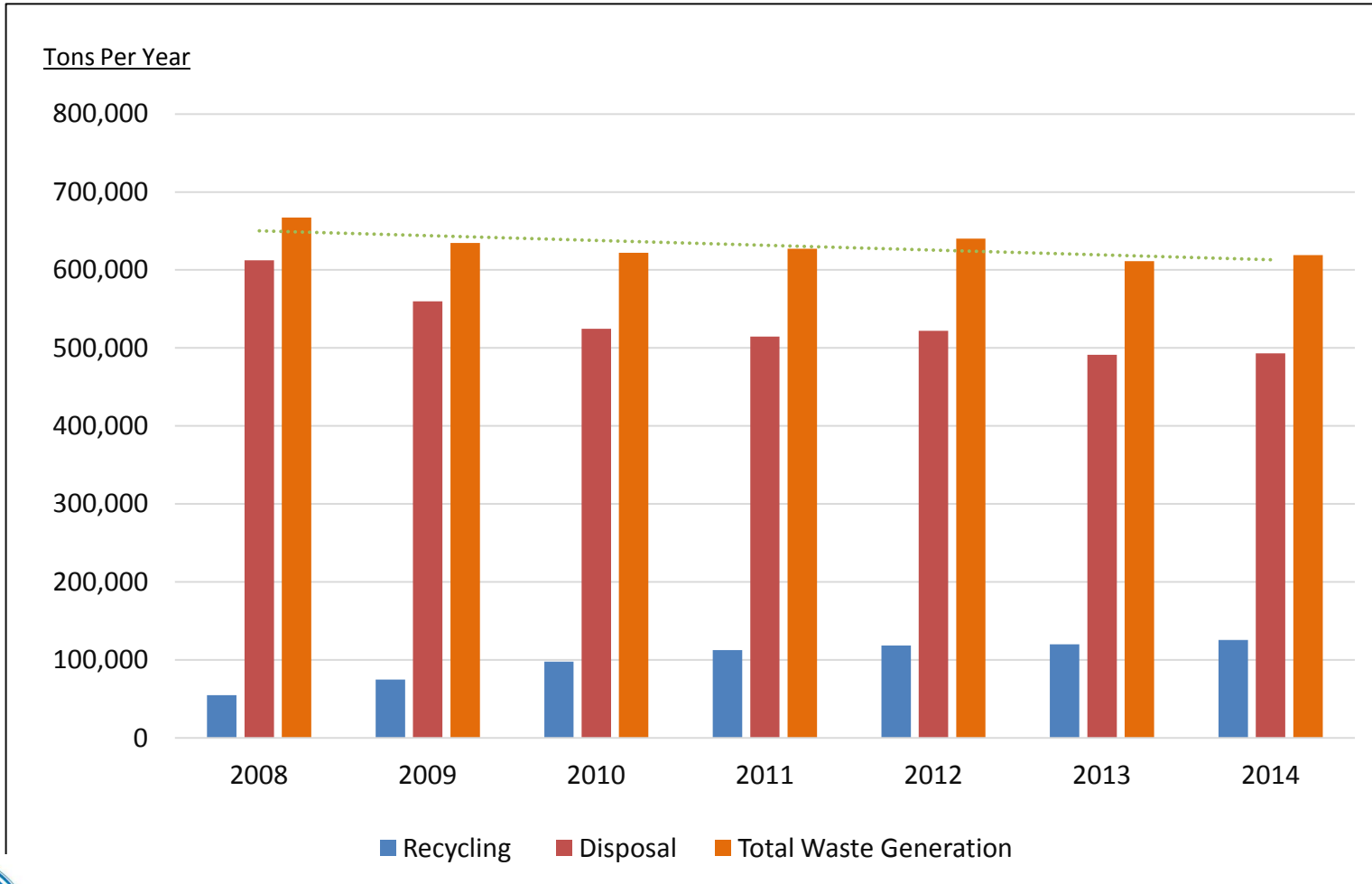


Philly MSW Generation & Disposal Trends Per-Capita

	2010	2011	2012	2013	2014
Total MSW Generation (in tons)	2,931,374	2,840,024	2,716,055	2,551,697	2,485,187
Total MSW Disposed	1,437,419	1,443,037	1,351,800	1,337,928	1,340,905
Population	1,526,006	1,534,577	1,543,149	1,551,720	1,560,291
<i>Per Capita MSW generation</i>	<i>1.92</i>	<i>1.85</i>	<i>1.76</i>	<i>1.64</i>	<i>1.59</i>
<i>Per Capita MSW Disposal</i>	<i>.94</i>	<i>.94</i>	<i>.87</i>	<i>.862</i>	<i>.859</i>

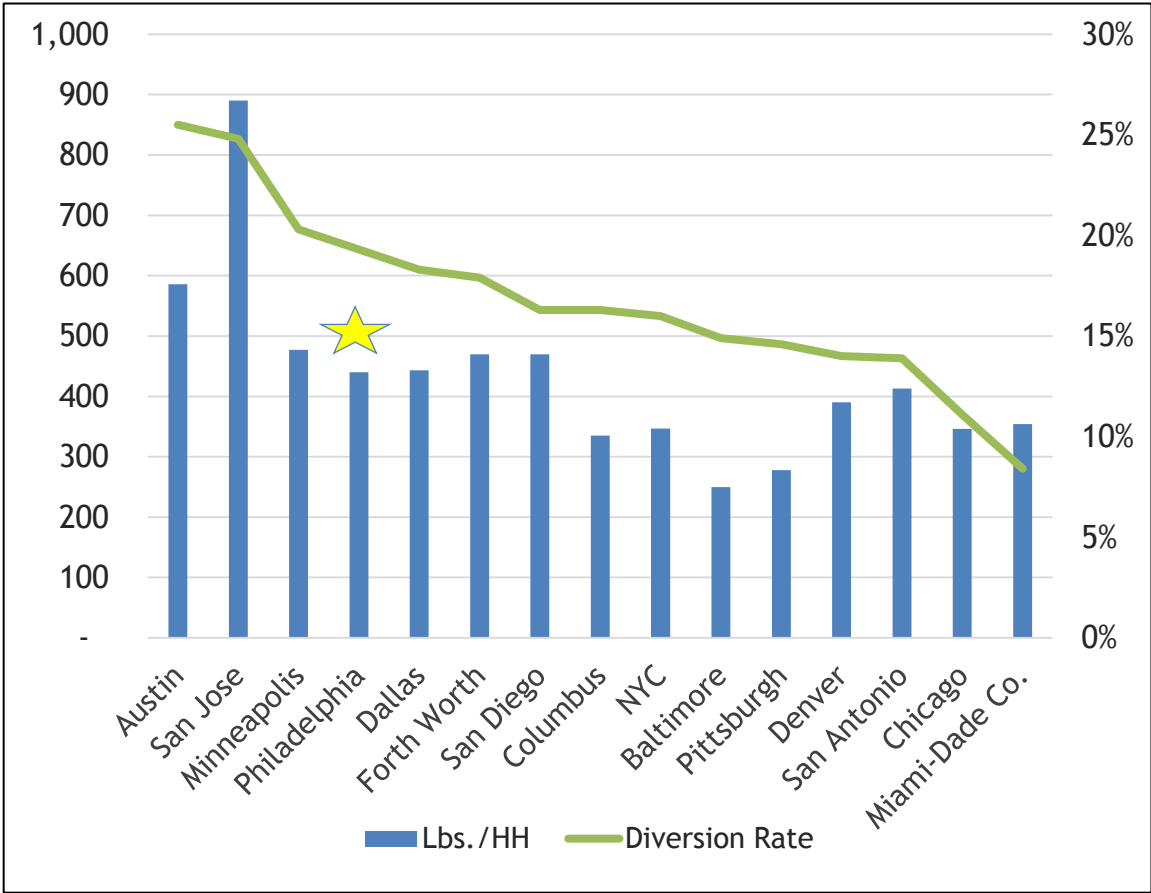


Philadelphia Residential Solid Waste 2008-2014



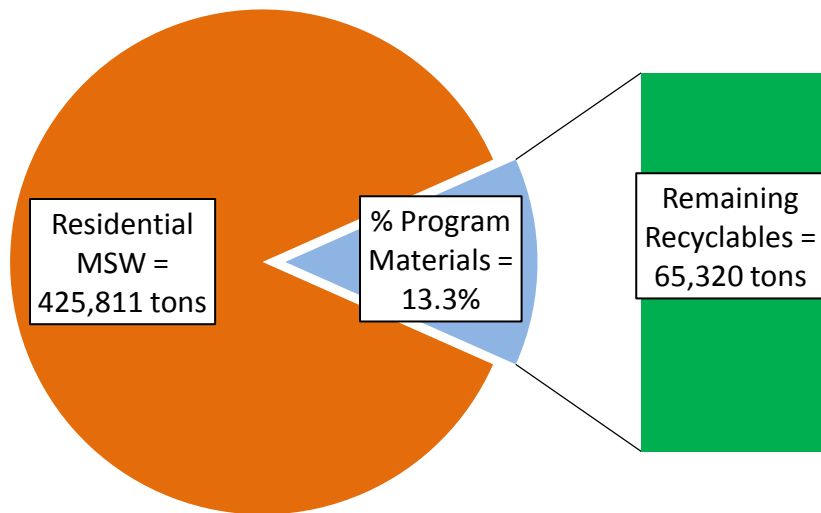
Curbside Recycling Comps (blue-bin materials only)

- Philly's annual lbs. yields per household and diversion rate rank high among large U.S. cities and counties



Opportunity To Recycle (curbside)

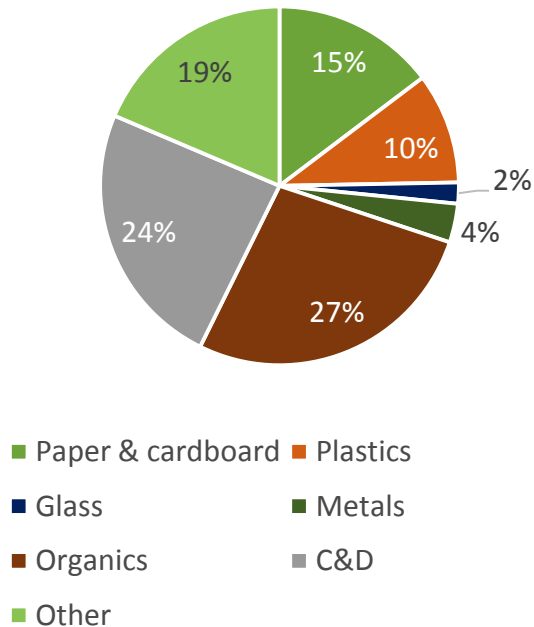
Opportunity for Recycling (based on FY 2014 data)



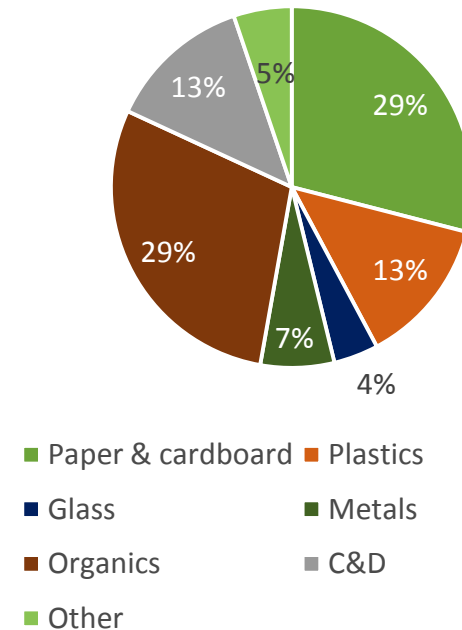
Based on MSW composition study ~65,000 tons of current program recyclables remain (not adjusted for residue)

Changing Philadelphia MSW Stream...

Philadelphia Residential Disposed
2010



Philadelphia Residential Disposed
2000

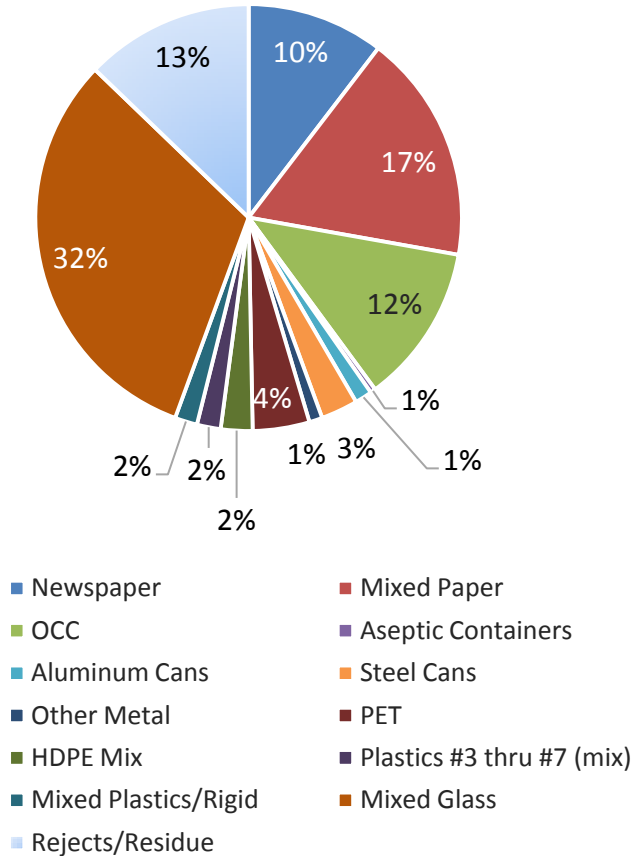


MSW stream getting more difficult to recycle...

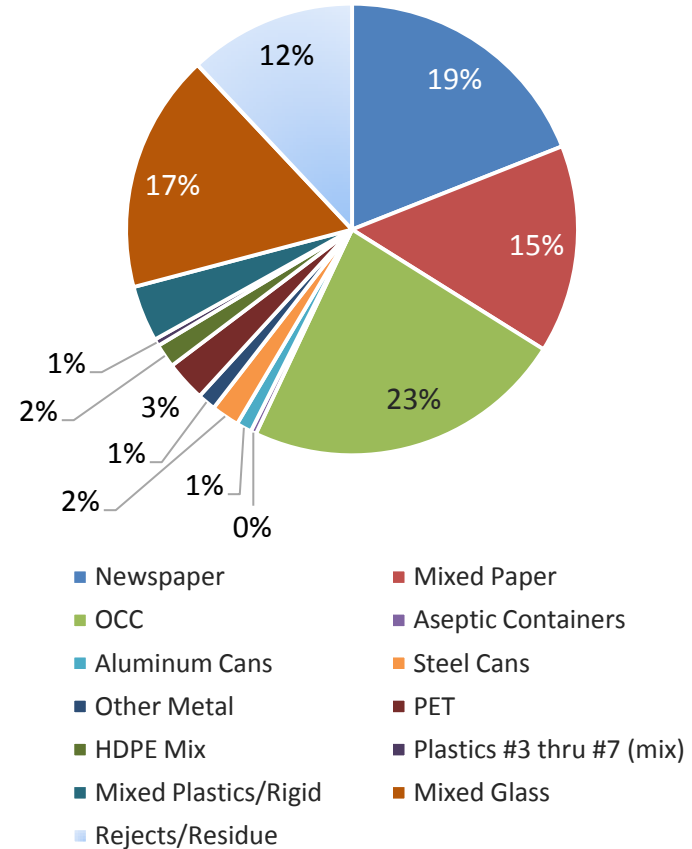


Philly's Evolving Recycling Ton

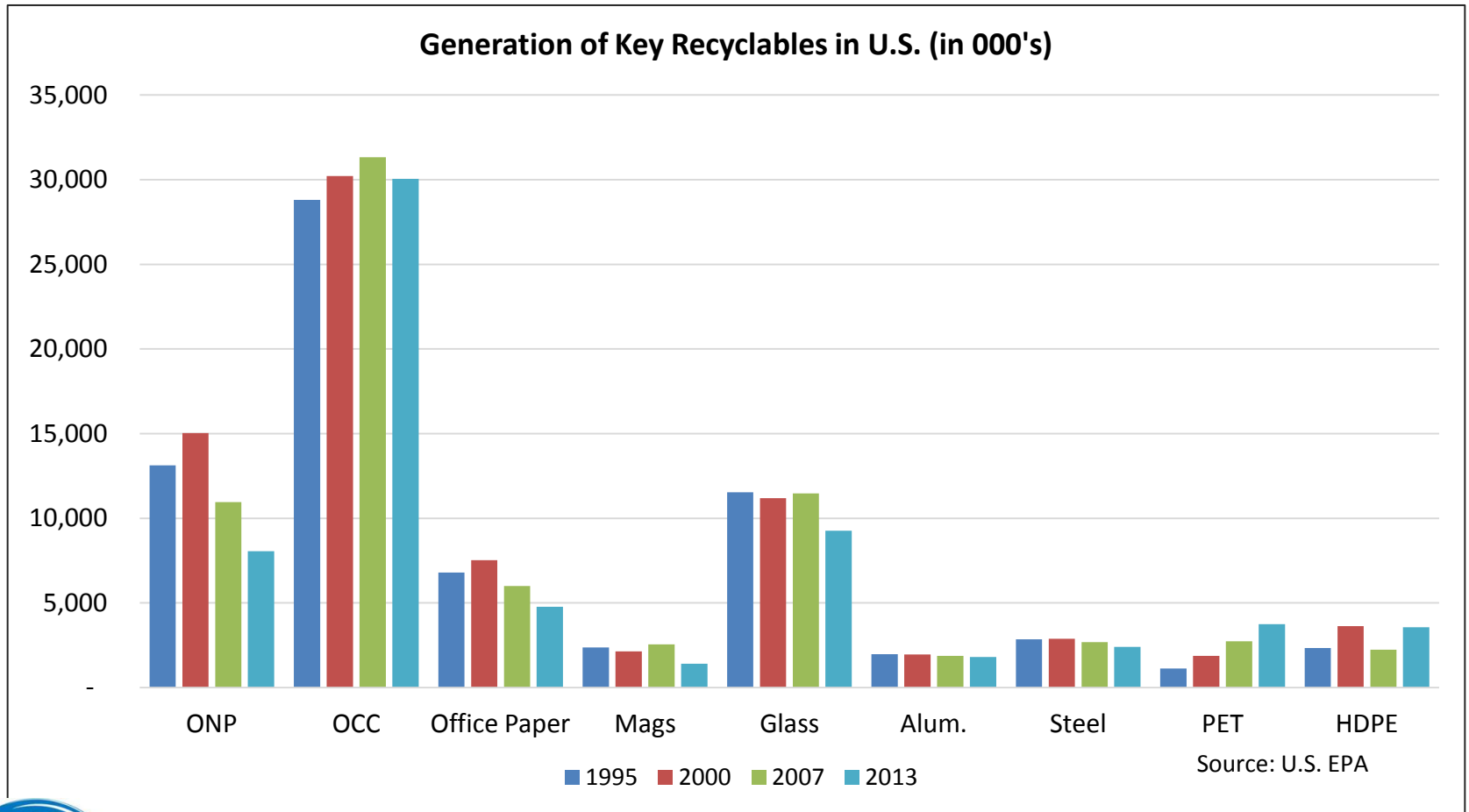
Inbound MRF Tons 2013



Inbound MRF Tons 2010



Evolving Recycling Ton is U.S. Trend



Recycling's Evolving Ton...

- Declining newspaper circulation & readership
- Inquirer Sunday circulation:
 - 2011 = 436K
 - 2014 = 312K
- Inquirer weekday circulation:
 - 2011 = 224K
 - 2014 = 159K
- Packaging light-weighting – the aluminum can:
 - 21.75 cans to make a pound in 1972
 - 34.6 cans to make a pound in 2012



Recycling's Evolving Ton: Packaging Materials



Glass bottle



Rigid plastic bottle



Flexible plastic pouch



Rigid plastic bottle



Detergent pods
(in plastic container)



Detergent pods
(in flexible plastic pouch)