



Local Recycling Market Update

6/11/2019

Is this recyclable?

- Three major questions.
 - Is it acceptable at **your** MRF?
 - Is it able to be sorted correctly?
 - Does it have a viable end-market?



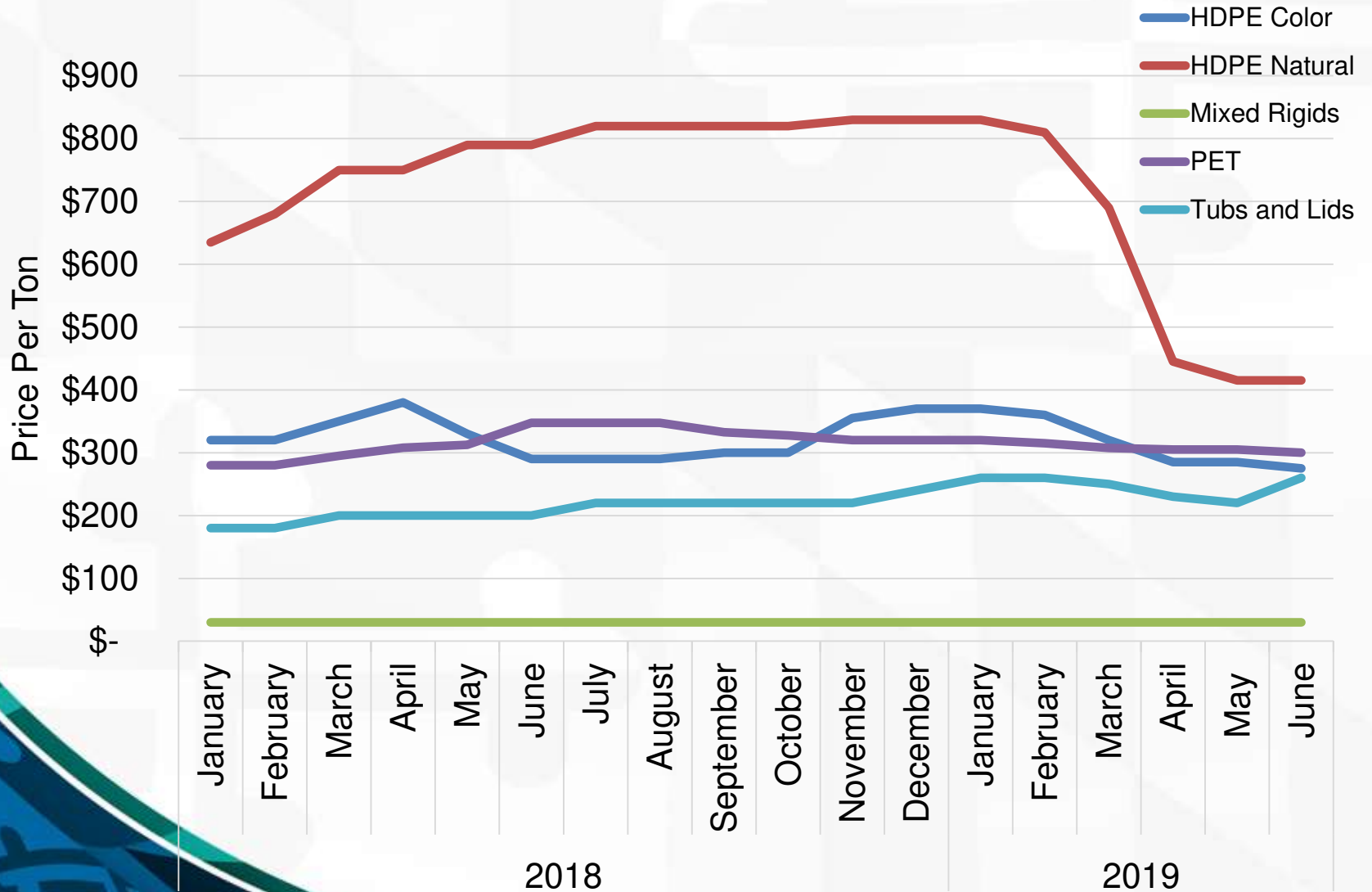
Major Commodities

1. Paper
2. Cardboard
3. Aluminum Cans
4. Steel Cans
5. Plastic Bottles & Containers
6. Rigid Plastic
7. Glass Bottles

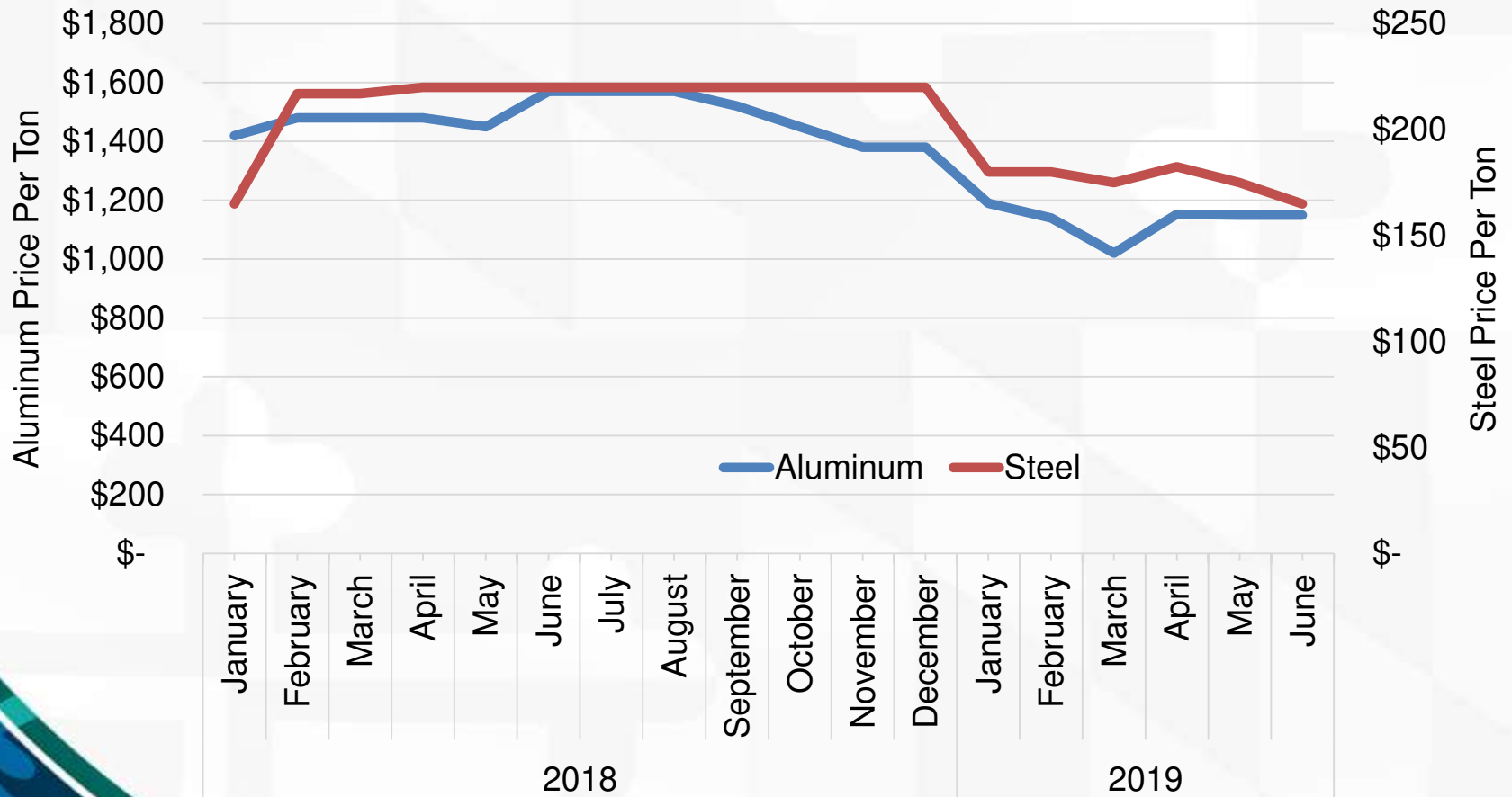


Material	Product
Aluminum	Smelting and remanufacturing into aluminum products
Bimetal/Tin	Feedstock for new steel products
Cardboard	Linerboard (New boxes)
Mixed Paper	Retail and industrial packaging
HDPE Color	Bottles, pipe, and nursery pots
HDPE Natural	Bottles, jugs, and HDPE color products
PET	Bottles, carpet, fiber for clothing and strapping
Rigid Plastics	Car parts, pallets, buckets
PP	Paint buckets, crates, and plastic sacking
Glass	Bottles

Regional Plastics Pricing

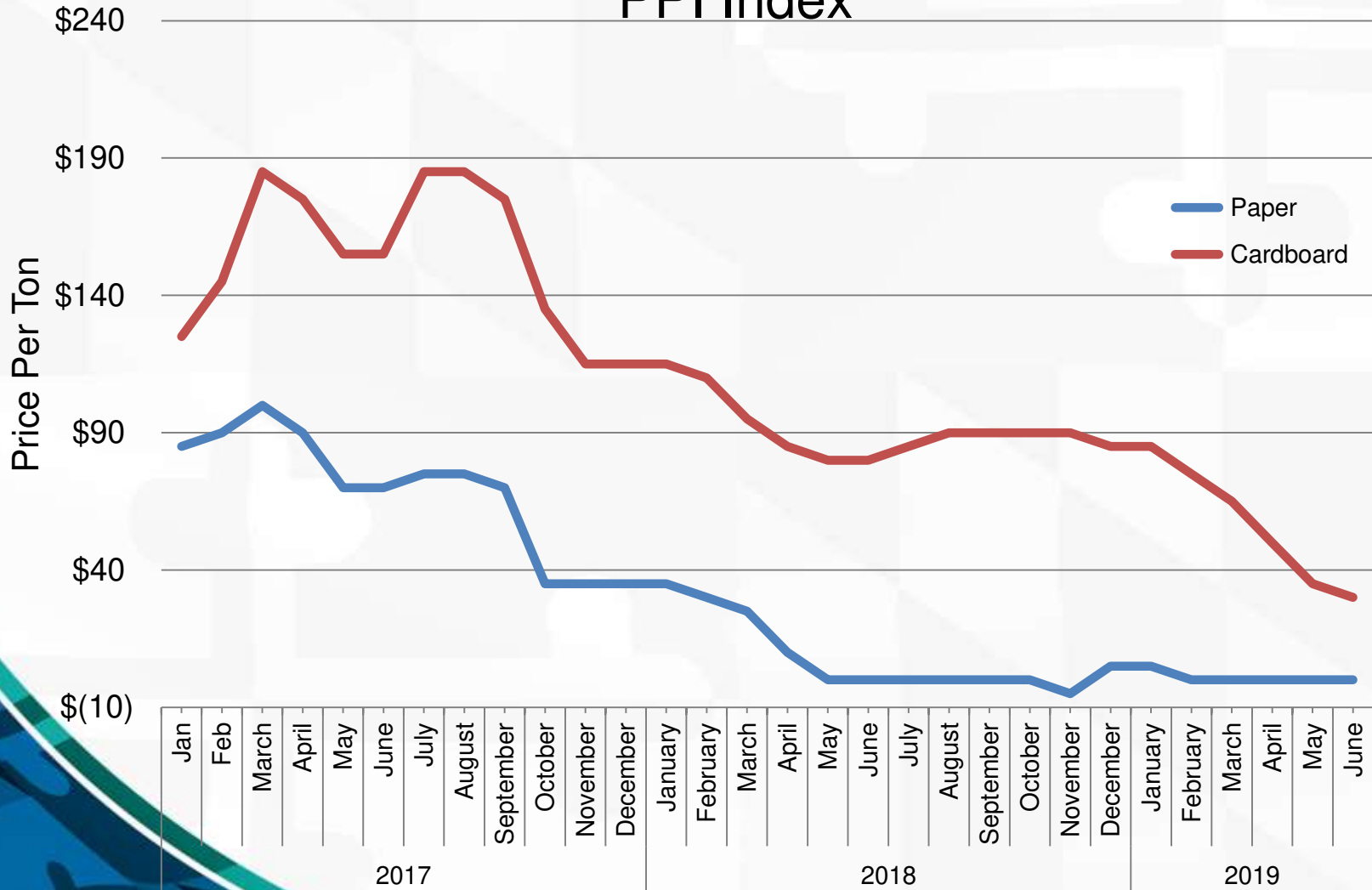


Regional Metal Prices



Regional Paper Pricing

PPI Index



Global Markets

- China banned import of certain recyclables, limiting the market options
 - 40% of global supply of recovered paper was exported to China
 - 0.5% contamination standards implemented
 - Significant inspection requirements
- Additional limits on imports in other countries
 - Plastics and fiber
- Impacts from tariffs, hauling, and demand for limited space



Local Markets

- Limited availability of truckers
 - Electronic logging device legislation
 - Low unemployment
- Strong domestic plastic markets
 - High value plastics (PET, HDPE, PP) are doing fine

How are communities adjusting?

- Program Changes
- Infrastructure Development
- Reduce Contamination



Pennsylvania

- Counties have removed paper from curbside collection
- Provide drop-off locations for residents

Have you heard?
Recycling has changed in Lancaster County.



JUST FOCUS ON THE **BIG 4** & PLACE ONLY THESE ITEMS IN YOUR BIN.

1	2	3	4
			
CORRUGATED CARDBOARD	PLASTIC BOTTLES & JUGS WITH NECKS	METAL FOOD & BEVERAGE CANS	GLASS JARS & BOTTLES
<i>Flattened</i>	<i>Emptied, Rinsed, & Lids Removed</i>		

All other items do not belong in your recycling bin.



Northern Virginia

- Fairfax County
“Big Blue”
- Several counties have removed glass from curbside collection
- Drop-off programs allow for local recycling via “Big Blue”



Maryland

- Contamination reduction efforts
 - Advertising
 - Increased communication with residents
 - Composition studies
- Removing bags from collection



Simplify the Message

- Most MRFs are processing material from more than one county
- Consider aligning messaging with surrounding counties
 - Capture the main points for the region

Simplify the Message

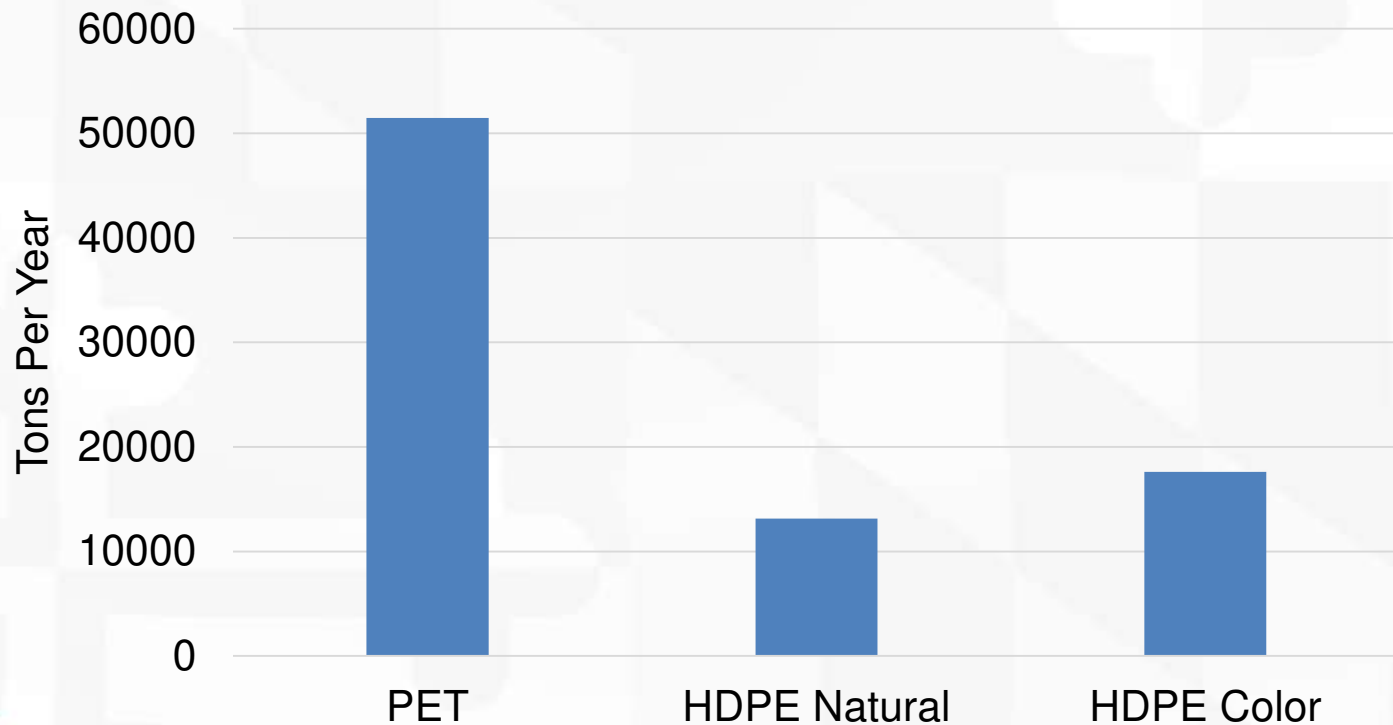
- Milk Jugs
- Detergent Bottles
- Shampoo Bottles
- Yogurt Containers
- Soap Bottles
- Soda and Water Bottles
- Juice Bottles
- Salad Dressing
- Peanut Butter Jars

- Plastic bottles & containers



Simplify the Message

High value items are entering the waste stream



- The value of recycling includes conserving landfill space, reduction in greenhouse gas emissions, and resource conservation
- Remember
Reduce,
Reuse, *then*
Recycle



Questions?

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