

Reducing Contamination in Curbside Recycling



Contamination Happens

- Blatantly Bad
- Everything is recyclable
- Hopeful recyclers
- Route specific issues
- Educational process not robust



Educational Program

- Door Hangers/ Magnets w/ what is accepted
- Driver leave behind
- Web site
- NHA presentations
- Recycle Coach
- Always do more



DO RECYCLE: RECICLE:

PAPER
Newspapers/Magazines
Junk Mail
Office Paper
Corrugated Cardboard
Cereal / Cracker Boxes
Milk and Juice Boxes
Phone Books
Books
Brown Paper Bags
Paper Egg Cartons

PLASTIC
#1 - 7 Plastics Bottle/Tubs
Rigid Plastic Toys/Wampers

METAL
Aluminum Cans
Tin Cans
Foil & Pie Pans
Small Electronics
Pots & Pans
Small Appliances

*Periódicos y Revistas
Basura del Correo
Papel de Oficina
Cartón Prensado
Cartón del Cereal
Cartones de Leche o Jugo
Directorios Telefónicos
Libros
Bolsas de Papel de Color Marrón
Empaques de Cartón de Huevos*

*Botellas de Plástico #1 - 7
Juguetes/Canastas de Plástico Duro*

*Latas de Aluminio
Latas de Enlatados
Papel de Aluminio/Moldes de Pastel
Electrónicos Pequeños
Ollas y Sartenes
Electrodomésticos Pequeños*

DO NOT PLACE IN CART: NO PONGA EN SU CARRETA:

Pizza Boxes
Glass
Garbage
Food
Light Bulbs
Hazardous Waste
Sharp Metal
Wood & Yard Waste
Batteries
Motor Oil Bottles
Medical Waste/Needles
Styrofoam
TVs
Computer Monitors
Plastic Grocery Bags

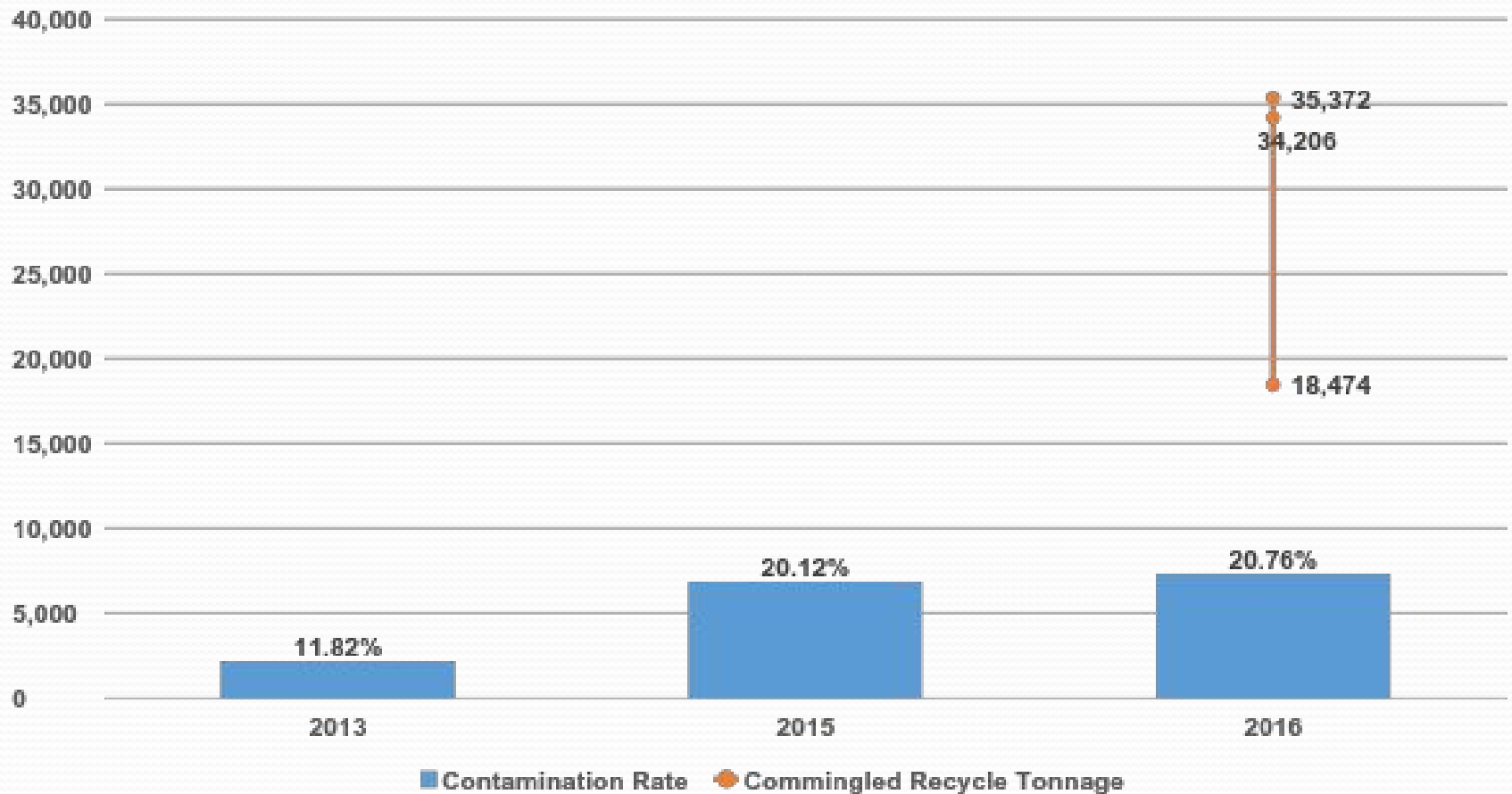
*Cajas de Pizza
Vidrio
Basura
Comida
Bombillos
Desechos Peligrosos
Metales Afilados
Madera y Desechos del Jardín
Baterías
Aceite de Motor en Botellas
Desechos Médicos/Agujas
Espuma de Poliestireno
Televisores
Monitores de Computadoras
Bolsas de Plástico del Mercado*

Cart must be at least five feet away from trash cart and other objects.
Do not put recycling in clear plastic bags.
Haga el favor de separar la carreta a cinco pies de la carreta de basura o de otros objetos. No acostaremos reciclaje en bolsas de plástico transparente.

For more information, visit **ABORECYCLES.COM**

ABO RECYCLES
go blue

Contamination Rate



Acceptable Material

- Paper
- Cardboard
- Books
- Brown Paper Bags
- Milk Cartons / Juice Boxes
- Plastics #1 - #7
- Small E-Waste
- Tin and Aluminum Cans
- Pots & Pans
- Small Metal Appliances



Not Accepted

- Glass
- Garbage
- Food
- Light Bulbs
- Wood
- Hazardous Waste
- Sharp Metal
- Yard Waste
- Batteries
- Motor Oil Bottles
- Medical Waste/Needles
- Styrofoam
- TVs
- Computer Monitors
- Pizza Boxes
- Plastic Film (Bags)

Manual

- Driver calls dispatch- Serviced Y/N- states type of contamination
- Dispatch logs down
- Dispatch generates 1st offense contamination letter
- 2nd offense Code Inspector
- 3rd offense Cart removed
- Dispatch puts notes in database
- Dispatch mails letter
- Dispatch generates daily contamination list

Dispatch Software

- Driver logs down issue/ on board computer pull down menu
- Automatic Notification to dispatch for letter
- Dispatch mails letter
- Dispatch puts notes in database

Dispatch Software Enhancements

- Drivers don't have to guess which address
- Real time photos
- On board computer
- Asset identification
- Assisted service identification
- Put out rates
- Proof of service



Manual Data July 2016-Dec 2016

- 882 1st offense letters sent
- 138 2nd violation Code Inspector visits
- 35 3rd violation cart removals
- Based on 174,000 households letters are sent to .005 % of households







