

Pay As You Throw Case Study



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Today's Presentation:

- Longmont Service Overview
- Considerations
- Before PAYT Structure
- Results



Waste Services in Longmont

- ▶ Longmont begins municipal trash service – 1948
 - ▶ Enterprise fund
- ▶ Began automated curbside collection-1999
- ▶ Single stream recycling begins – 2010
- ▶ Enhanced PAYT and Curbside Composting begins – 2017
- ▶ First every-other-week trash option in CO – 2017
- ▶ Population now close to 100,000; 29,614 Households served

CITY OF LONGMONT

NEW TALK IN TRASH

2020 EDITION

WasteDiverter

RIGHT SIZE YOUR TRASH

Nearly half of what's inside the average Longmont trash cart could actually be recycled or composted. That means most of you are paying for more trash service than you need.

ONLY PAY FOR WHAT YOU NEED!

Size	Volume	Frequency
LARGE	96 gallons	WEEKLY
MEDIUM	48 gallons	WEEKLY
SMALL	48 gallons	EVERY OTHER WEEK

\$19.50

PER MONTH

VALUE PACKAGE

Composting, Recycling
Medium Trash

\$13.10

PER MONTH

SUPER VALUE PACKAGE

Composting, Recycling
Small Trash

RIGHT SIZE YOUR TRASH
serviceworks.longmontcolorado.gov

Savvy Sam
Waste Prevention
Specialist

THINK BEFORE YOU THROW!

Much of what's in your trash cart could be recycled or composted

NEXT STEPS

REDUCE - Pay attention to what you purchase.

REUSE - Opt for items that go beyond single use & repair instead of replacing.

RECYCLE - Know what can be recycled and use your blue-binned bin to max potential. CO#0017 - Sign up for curbside composting service or start a backyard compost bin.

PUT MORE TO GOOD USE

RECYCLING
INCLUDED IN TRASH SERVICES

COMPOSTING
\$6.60 PER MONTH

96 gallon carts, picked up every other week

WANT TO LEARN MORE?

Find more tips & tricks on our Waste Services blog.

bit.ly/waste-services-tips

ON THE RIGHT PATH

In Longmont homes, about one-third of the waste we generate is already being kept out of the landfill through our recycling efforts. That's something to be proud of, and we could do even better.

CONTACT US

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Si usted necesita esta publicación en Español favor de llamar al 303-651-8416.



Considerations When Establishing a PAYT Program

► What are your goals?

- Sustainability plan goals and objectives
 - Decrease household waste
 - increase waste diversion
- Equitable rates for different size containers
 - Staggered rates, “right size your trash”
- Reduce landfill use
- Promote waste diversion practices like recycle and compost

► What to be aware of !

- There may be revenue shifts- project your revenue and expenses
- Success !! - you may need to buy additional containers and put greater staff emphasis during the launch of a program while customers are switching out cart sizes

Objective: *Increase opportunities for waste diversion, education, and reuse to reduce environmental impacts.*



Targets

<input type="checkbox"/>	Decrease household trash landfilled to less than 2 pounds per capita per day by 2018 (from approximately 2.2 pounds per capita per day in 2015)
<input type="checkbox"/>	Increase residential waste diversion to 50% by 2025
<input type="checkbox"/>	Increase internal waste diversion for all City operations (baseline to be defined)
<input type="checkbox"/>	Increase commercial waste diversion (baseline and target number TBD based on 2018 data collection)

PAYT and equity

- Context
- BMPs, options and recommendations
- Longmont organics
 - Context, regional activity & BMPs
 - Options, services, & optimization for Longmont
 - Estimated costs and impacts

EFFICIENCIES / COLLECTIONS TRADEOFFS – MOST FOR LEAST

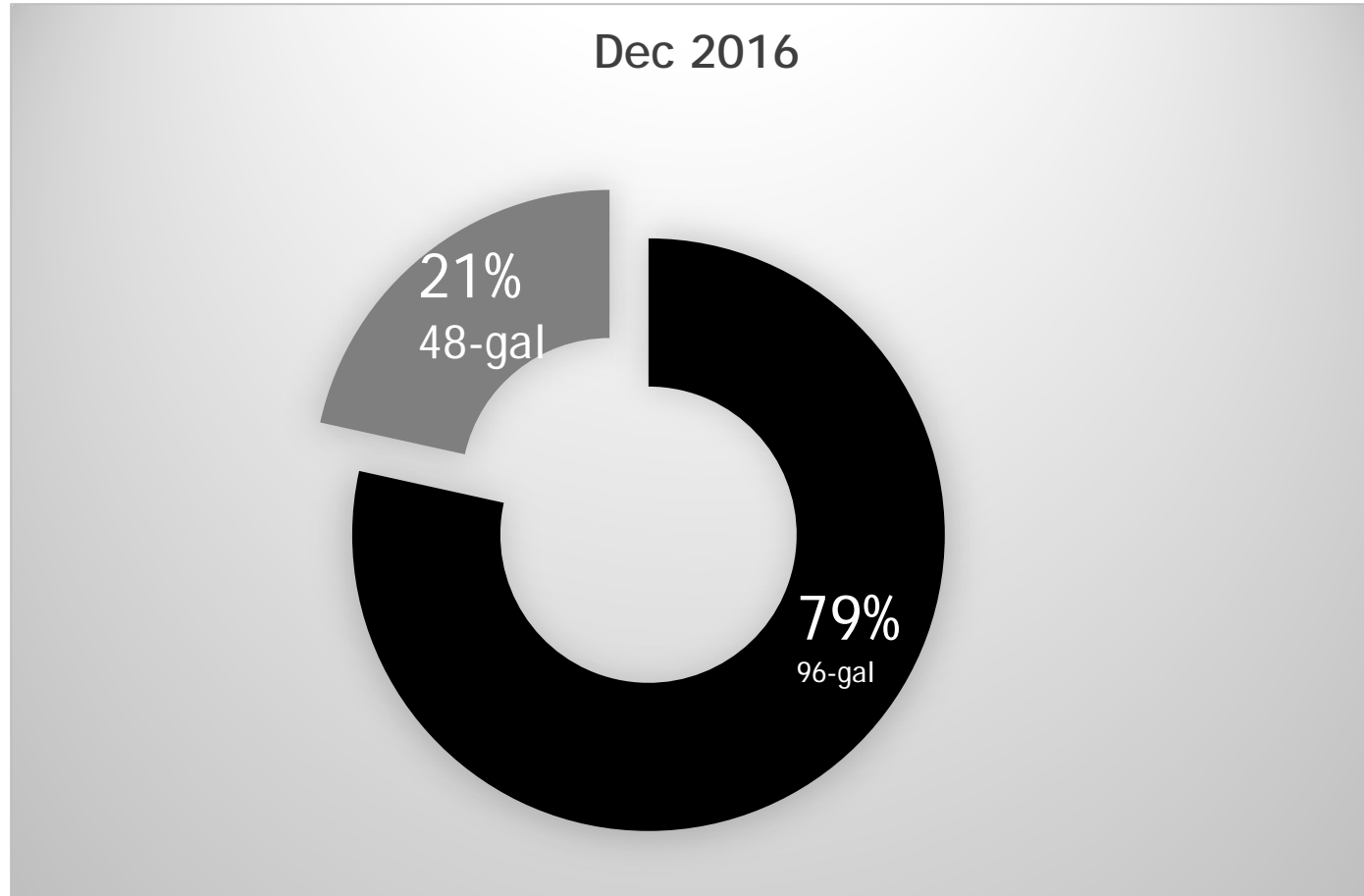
OK	<ul style="list-style-type: none">• 1 trash weekly• 1 recycling weekly• → 2 collections / week
Better	<ul style="list-style-type: none">• 1 trash weekly;• 1 recycling EOW• → 1.5 collections per week (similar tons, lower cost)
Better	<ul style="list-style-type: none">• 1 trash weekly• EOW recycling; EOW organics (or weekly/odor or seasonal variation)• → 2-2.5 / week, BIG NEW STREAM, \$0-some extra cost
Best	<ul style="list-style-type: none">• Organics weekly• Trash EOW (increasing case studies); Recycling EOW• → 2 col'n/week, odor,\$ addressed

Integrated Decisionmaking

(Source: Skumatz et al, in Resource Recycling, 11/13)

SERA

Cart Distribution on December 2016 (prior to 2017 Enhanced Pay-as-you-throw)



Pay-as-You-Throw (PAYT) Rate Structure

- ▶ Previous Approach
 - ▶ 48 gal. or 96 gal. 50% cost differential
 - ▶ 79% of customers subscribed to 96 gal. trash
- ▶ PAYT Approach
 - ▶ 48 gal. EOW, 48 gal., or 96 gal. 80% - 100% cost differential
- ▶ In Addition to PAYT
 - ▶ Established an Opt-in Curbside compost service to support increase household waste diversion

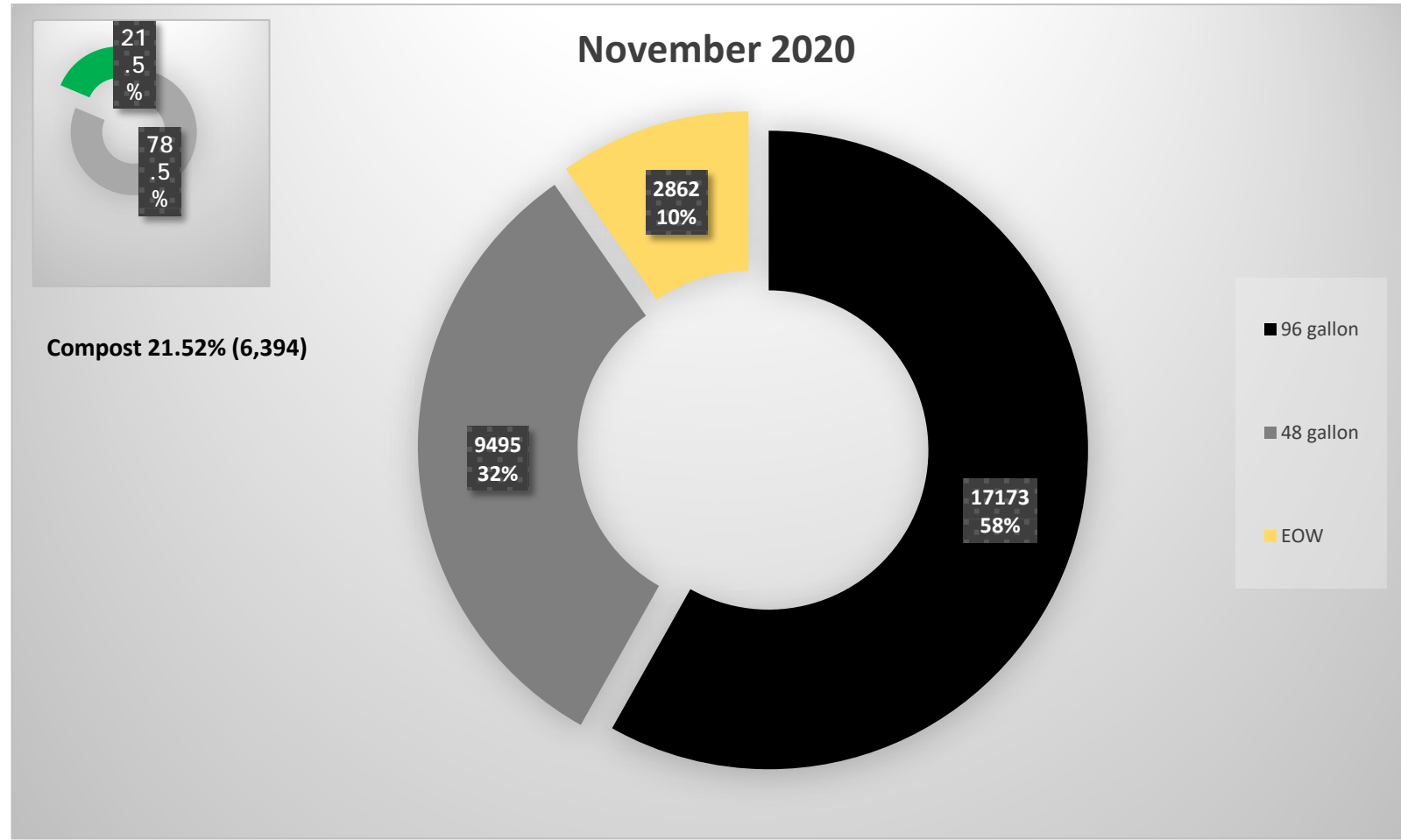
PAYT Changes Adopted



- Trash
 - 96 weekly \$24.00 per month
 - 48 weekly \$12.90 per month
 - 48 every-other-week \$6.50 per month
- Recycling
 - Fee embedded in trash services
- Compost/organics (opt-in) \$6.60 per month



Container Distribution Today

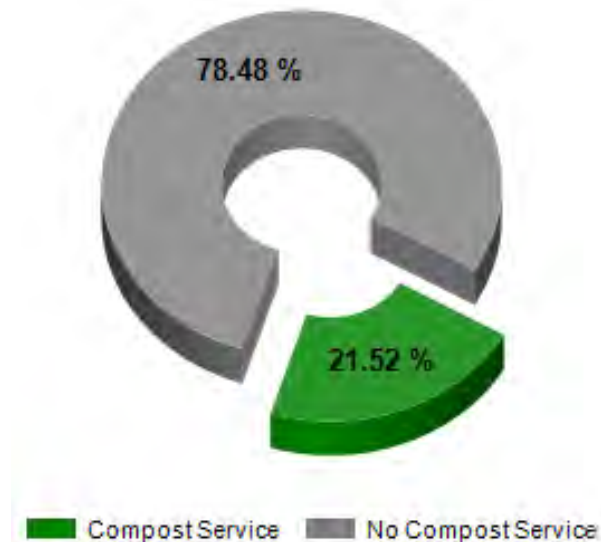


Opt-In Compost Sign up

Pre launch sign-ups 9% (1,500)

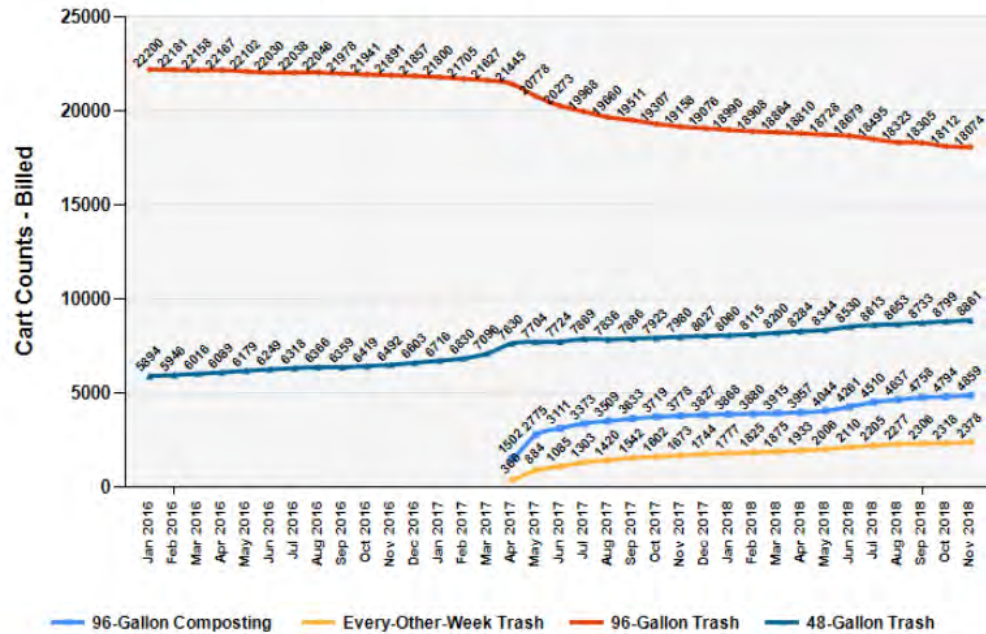
April 2018 12% (3,957)

Today 21.5% (6,394)

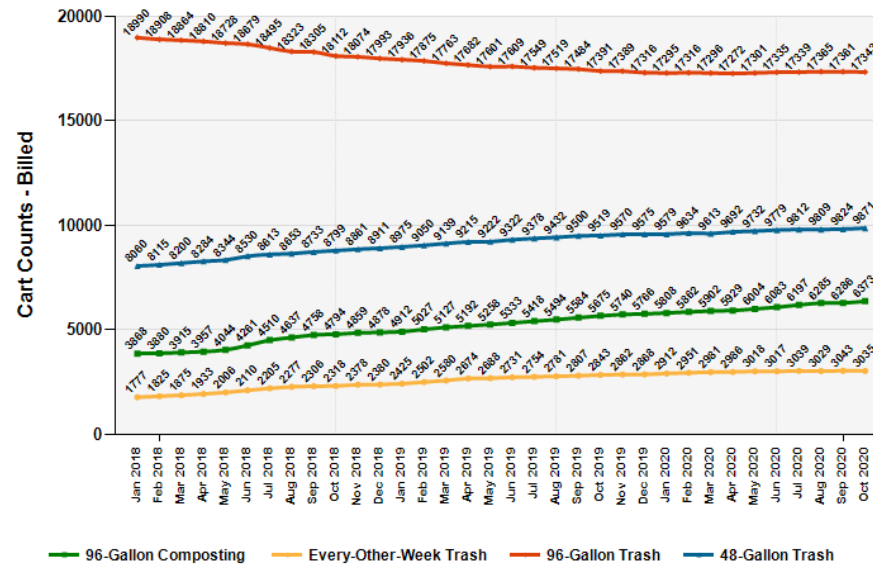


Subscription Changes With PAYT

Solid Waste Cart Service Counts



Solid Waste Cart Service Counts

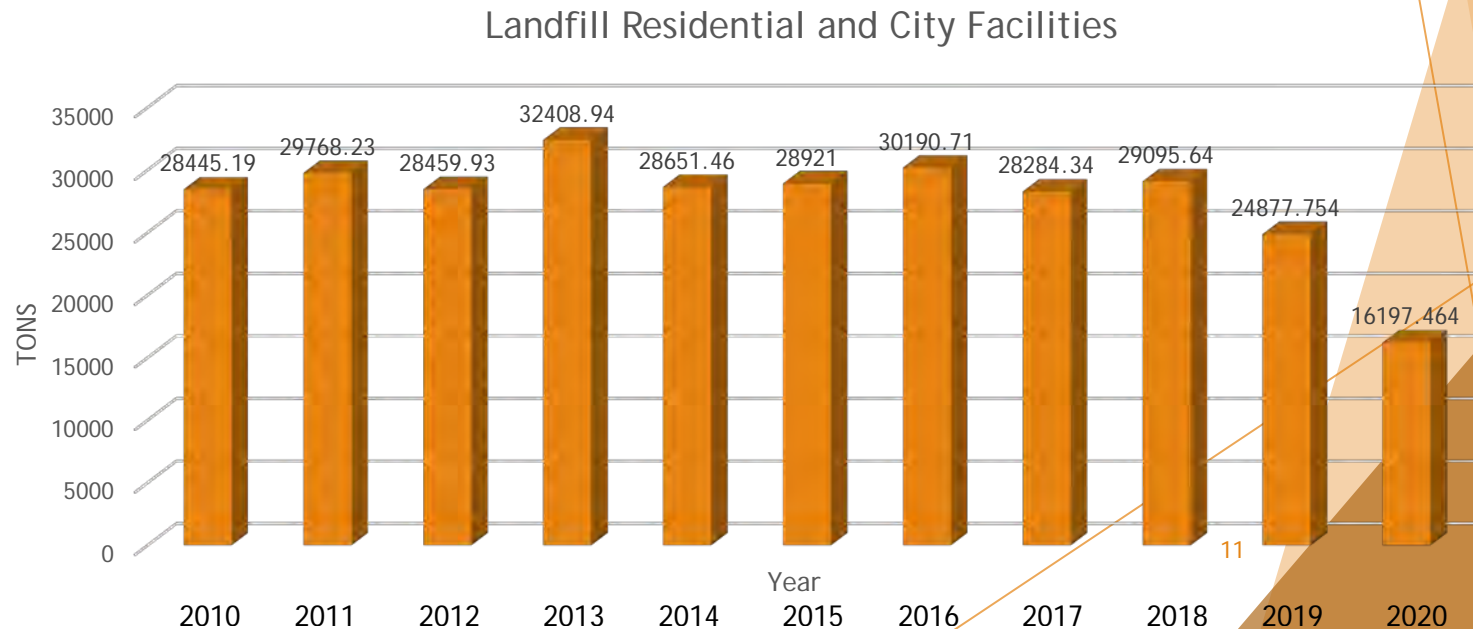


Waste Diversion Results

- ▶ Overall waste diversion rate for Longmont in 2019 was 36%
- ▶ 2020 Covid Pandemic has changed the makeup of the collections figures
 - ▶ Higher Recycle tons- Amazon affect
 - ▶ Trash tons appear to have reduced- need to see long term trends
 - ▶ Compost is achieving the results expected for an Opt- In program

2019 totals

- ▶ Trash 24,877 tons
- ▶ Recycle 11,953 tons
- ▶ Compost 1,978 tons



What PAYT Looks Like

Trash, Recycle and Compost



Three trash subscription choices





Questions & Thoughts

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