

---

---

# Refuse and Recycling in Jackson

Jackson Environmental Commission – October 2022

---

# Overview

**Challenges and Goals**

**Current Costs to City**

**Current Cost to Residents**

**Service and Price Comparison with  
Peer Communities**

**Conclusions and Recommendations**

---

---

# Challenges and Goals

- Decrease illegal dumping of trash in public areas
  - Mitigate trash build-up in garages, porches, yards and reduce associated cost of inspection, enforcement and clean-up
  - Limit emissions/street wear from large vehicles
  - **Lower costs and increase accessibility to trash services for Jackson residents**
-

# Current Costs to City Overview

## CD Activities and Costs

- Monitoring reports
- Issuing citations
- Managing compliance
- Escalating non-compliance

## DPW Activities and Costs

- Conducting property inspections
- Enforcing private clean-ups
- Cleaning up streets and dumping in public areas

## Other City Activities and Costs

- Leaf pickups
  - Community clean-ups
-

---

# CD Garbage + Debris Reports

## 2019

**800** total citations issued  
citywide

2018- 1352 citations

2020-21- 689 citations

## Cost Breakdown

Factoring in staff time and  
fees, this cost the city an  
estimated **\$160-200k** in 2019

---

---

# DPW Inspection and Clean-up

## 2019

DPW invoiced **218** clean-ups  
for a total cost of **\$73,825.99**

2018- \$72,725

2021-2022- \$65,480

## Cost Breakdown

Contractor costs - \$44,980

DPW costs - \$13,585.99

Inspection fees - \$15,260

- This does not include costs for police assistance
-

---

# DPW Street and Dumping Clean-ups

## 2019

DPW spent **\$109,352.43** to clean streets and to fund clean-ups of known trash dumping sites

2018- \$61,069

2021-2022- \$122,440

---

## Cost Breakdown

Major Streets - \$42,131.73

Local Streets - \$67,220.70

---

# Other Activities and Costs

## Leaf Pickups

2 Rounds/year

2021-2022- **\$231,851**

## Community Cleanups

2 Times/year

2021-2022- **\$24,090**

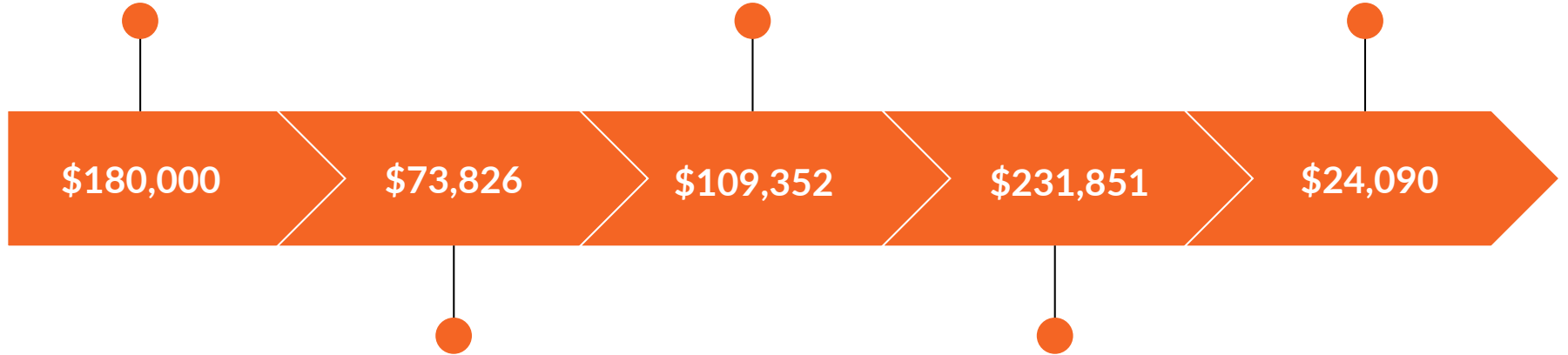
---



CD Garbage + Debris  
Reports

DPW Street Cleaning

Community Cleanups



\$180,000

\$73,826

\$109,352

\$231,851

\$24,090

DPW Inspection and  
Cleanup

Leaf Pickups

---

**Cost of Garbage Services to City Per Year**

**\$619,119**

**Tax Burden to Residents**

**\$619,119 / 11,000 service units / 12 mo =**

**\$4.70 / mo**

---

# Current Costs to Residents Overview

Effects of Trash Accumulation on  
Community

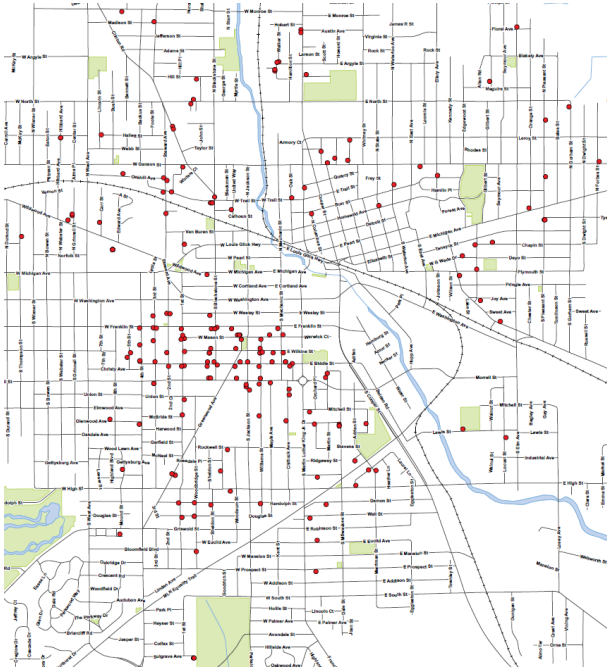
Current Services and Prices

---

---

2021 GIS map of  
private residence  
citations

# Effects of Private Trash Accumulation and Public Dumping



- Trash accumulation affects the entire city
  - DPW using valuable city time and money cleaning nuisance dumping locations, instead of addressing other community needs
  - Fines and clean-up costs are expensive for affected residents
  - **Trash buildup in our homes, neighborhoods, and public areas affects our quality of life**
-

---

# Cost of Garbage Service (2022)

In Jackson, we pay a high price for few services from large and small haulers

Services	90-100 gal trash	60-65 gal trash	20-40 gal trash	Per bag service	Curbside Recycling	Curbside Yard waste
Emmons	\$31.90/mo	\$28.70/mo	\$24.60-25.80/mo	\$32.50/6 bags	Weekly, included	\$2/ bag 10 bag/ wk
Modern	\$30.35/mo	\$26.75/mo	X	X	X	X
Granger	\$35.23/mo	\$31.46/mo	X	X	X	X
Mohawk	\$28.00/mo	\$23.00/mo	X	X	X	X
A1	\$35.00/mo	\$30.00/mo	\$25.00/mo	X	X	X

**Average- \$27.98**

---

**Cost of Garbage Service Per Month**  
**\$27.98/mo avg fee + \$4.70/mo tax =**  
**\$32.68/mo**

**Total Cost of Garbage Service per Year**  
**\$32.68 x 12 months x 11,000 service units =**  
**\$4.31 million**

---

# Cost Comparison to Peer Communities Overview

## Regional Refuse Service Models

### City-Performing Services

- Comparison of Peer Communities
- City of East Lansing 2021

### Contractor-Performing Services

- Comparison of Peer Communities
  - City of Flint 2021
-

---

# Regional Refuse Service Models

Jackson is **alone** among peer communities in not providing garbage service directly or through an contracted single hauler

<b>Lansing</b>	city-performing municipal service
<b>East Lansing</b>	city-performing municipal service
<b>Ann Arbor</b>	city-performing municipal service
<b>Kalamazoo</b>	city-performing municipal service
<b>Midland</b>	city-performing municipal service (refuse), contracted SH (recycling, Republic)
<b>Flint</b>	contracted single hauler-performing municipal service (Priority)
<b>Adrian</b>	contracted single hauler-performing municipal service (Stevens)
<b>Battle Creek</b>	contracted single hauler-performing municipal service (Republic)
<b>Hillsdale</b>	contracted single hauler-performing/administering service (Modern)

---



**Jackson**  
 \$28 fee +  
 \$5 tax burden

# City-Performing Services (2022)

Services	90-100 gal trash	60-65 gal trash	20-40 gal trash	Per bag service	Curbside Recycling	Curbside Yard waste	Bulk Item/ Other
Lansing	\$20/mo fee	\$19/mo fee	\$9-18/mo fee	X	\$10/mo tax		\$17-33/ item Haz Was Comm Serv
Midland	\$3/mo fee + \$8/mo tax + \$70 (can)*	X	X	X	Included, Contracted	\$3/mo + \$70 (can)*	Included Haz Was Dumpsters

\*Add \$6/mo for first year per can

Fees are taken from city websites (2022)

Taxes are estimated by taking most recent available city budget revenue and/or expenditures divided by estimated service units

**Jackson**  
 \$28 fee +  
 \$5 tax burden

# City-Performing Services (2022)

Services	90-100 gal trash	60-65 gal trash	20-40 gal trash	Per bag service	Curbside Recycling	Curbside Yard waste	Bulk Item/ Other
Kalamazoo (1.8 mills)	\$10/mo tax, personal cans				Included	Included, Contracted	Included Haz Was
<b>East Lansing</b> (1.825 mills)	\$8/mo fee +13/mo tax + \$79 (can)	\$13/mo tax + \$70 (can)	\$13/mo tax + \$58 (can)	\$10/ 5 bags	\$45-55 (can)	\$2/ bag	\$20/ item Haz Was
Ann Arbor (2.33 mills)	\$3/mo fee + \$42/mo tax	\$42/mo tax	\$42/mo tax	X	Included	Included	X

Fees are taken from city websites (2022)

Taxes are estimated by taking most recent available city budget revenue and/or expenditures divided by estimated service units

**Ann Arbor is the only community in our investigation with more expensive service**

- 1.3x our cost at 1.9x our household income

---

# City-Performing Service Comparison

## City of Jackson

- 11k service units/33k population
- 23k/37k individual/household income
  
- Total cost- **\$4.3 million/year**
- Average cost- **\$33/mo** fees + taxes

## City of East Lansing

- 15k service units/48k population
- 24k/41k individual/household income
  
- Total cost- **\$2.41 million/year**
- Average cost- **\$13/mo** in taxes

**East Lansing** provides weekly trash and recycling services to **every resident, free** at point of service for **less than half** of what we currently pay per unit

---

**Jackson**  
\$28 fee +  
\$5 tax burden

# Contractor-Performing Services (2022)

Services	90-100 gal trash	60-65 gal trash	20-40 gal trash	Per bag service	Curbside Recycling	Curbside Yard waste	Bulk Item/ Other
Flint	\$16/mo tax	X	X	X	Included	Included	Included
Adrian	\$20/mo tax	X	X	X	Included	\$2/ bag	\$10/ item
Battle Creek	\$20-30/mo* fee	X	X	X	Included	Included	Included
Hillsdale	X	\$10.50/mo	X	X	\$3.50/mo	Included	X

\*\$10/mo discount for curbside service

**Our competitive marketplace simply costs more**

---

# Contractor-Performing Service Comparison

## City of Jackson

- 11k service units/33k population
- 23k/37k individual/household income
  
- Total cost- **\$4.3 million/year**
- Average cost- **\$33/mo** fees + city tax

## City of Flint

- 34k service units/111k population
- 18k/30k individual/household income
  
- Total cost- **\$6.56 million/year**
- Average cost- **\$16/mo** (city tax)

**Flint** provides weekly trash, recycling, and yard waste services to **every resident, free** at point of service for **half** of what we currently pay per unit

---

---

# Additional Benefits to Flint's Contract

- Trash dumpster drop-off services
  - Recycling dumpsters for multi-family residents
  - Control of routes to limit emissions and road wear
  - Tracked deliveries to licensed landfill and material recovery facilities
  - Fines for inappropriate dumping, leakage, minimum requirements for service vehicles
  - Anti-blight, community clean-up efforts
  - Disability assistance program
-

**Jackson**  
 \$28 fee +  
 \$5 tax burden

# Contractor-Performing Services (2022)

Services	90-100 gal trash	60-65 gal trash	20-40 gal trash	Per bag service	Curbside Recycling	Curbside Yard waste	Bulk Item/ Other
Flint	\$16/mo tax	X	X	X	Included	Included	Included
Adrian	\$20/mo tax	X	X	X	Included	\$2/ bag	\$10/ item
Battle Creek	\$20-30/mo* fee	X	X	X	Included	Included	Included
Hillsdale	X	\$10.50/mo	X	X	\$3.50/mo	Included	X
<b>Jackson-Granger 2013</b>	<b>Maximum \$14/mo fee (2022- \$17/mo)</b>			<b>X</b>	<b>Included</b>	<b>X</b>	<b>X</b>

We have paid an estimated **\$19.0 million** dollars more due to repeal of single hauler ordinance

# Conclusions

Importance of Universal Access

Is our system worth the cost?

Recommendations

---



---

# Our Best Chance for Change is Universal Access

- Residents without garbage service can lead to accumulation of trash in private and public areas with significant clean up costs for the city
  - Residents can accumulate steep fees (\$150-250 dollars) that if not paid, persist with the property and can be added to property taxes
  - If residents cannot pay these fees, they can lose their homes
  - \$13-16/mo is less than the cost of one citation per year and the resident gains reliable, automatic access to competitively-priced garbage services
  - **We are failing our most vulnerable residents by uniquely refusing to provide affordable, automatic service**
-

---

Is our current system worth paying

**\$20** more / month?

**\$1.89 million** more / yr?

**\$19 million** more for another decade?

---

# Recommendations

## Advantages of Curbside Service

- Lower costs

## Advantages of Single Hauler Service

- Even lower costs
- Universal service
- Expanded service
- Control of service

## Advantages of City-Performing Service

- Even lower costs
  - Even more control of service
-

---

**Thank you for your consideration!**

---

---

# 2013 curbside bids

## Granger:

(2022 Inflation adjustment)

### *Weekly Trash and Weekly Recycling*

65 Gallon: \$63.87/quarter

(\$77.08/quarter)

96 Gallon: \$63.87/quarter

### *Weekly Trash and Bi-Weekly Recycling*

65 Gallon: \$57.87/quarter

(\$69.84/quarter)

96 Gallon: \$57.87/quarter

### *Bi-Weekly Trash and Bi-Weekly Recycling*

65 Gallon: \$49.62/quarter

(\$59.88/quarter)

96 Gallon: \$49.62/quarter

### *Weekly Trash and Recycling w/o "Closed County Law"\**

No more than \$42/quarter

(\$50.69/quarter)

---