
Recycling Case Study

Streamline your recycling program
and increase your diversion ratio

Commercial Office Building: Case Study

1. Streamline recycling program

2. Increase diversion ratio

$$\text{Diversion Ratio} = \frac{\text{Recyclables}}{\text{Recyclables} + \text{Trash}}$$

3. No added costs

Commercial Office Building: Case Study

- Building A:
 - 700,000 sq ft
 - 19 floors
 - Approximately 1,800 people

Commercial Office Building: Case Study

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 - 700,000 sq ft
 - 19 floors
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Material generation – 85%
paper/dry

Paper vs. Trash



Three Recycling Programs



**No
Recycling
Program**



**Dual Bin
Recycling
Program**



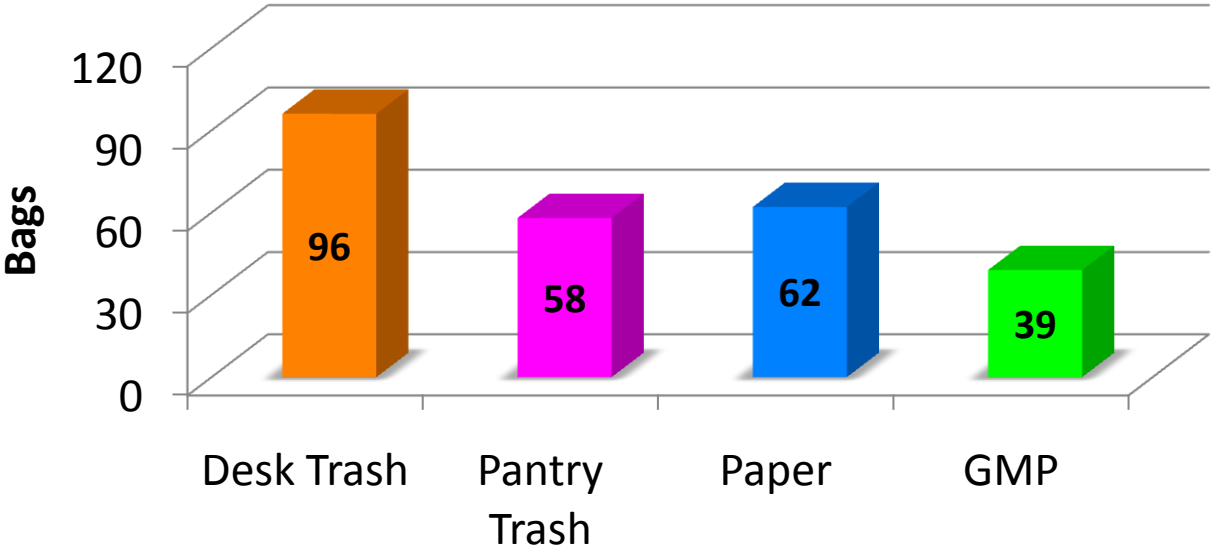
**Single
Bin
Recycling
Program**

Building with No Recycling Program

- **Deskside**
 - Inconsistent deskside bin set-up
 - No one knows what goes where
 - Mostly collected as trash
- **Central Bins**
 - Central trash and recycling bins exhibit appropriate use

No Recycling Program

Amount of Waste



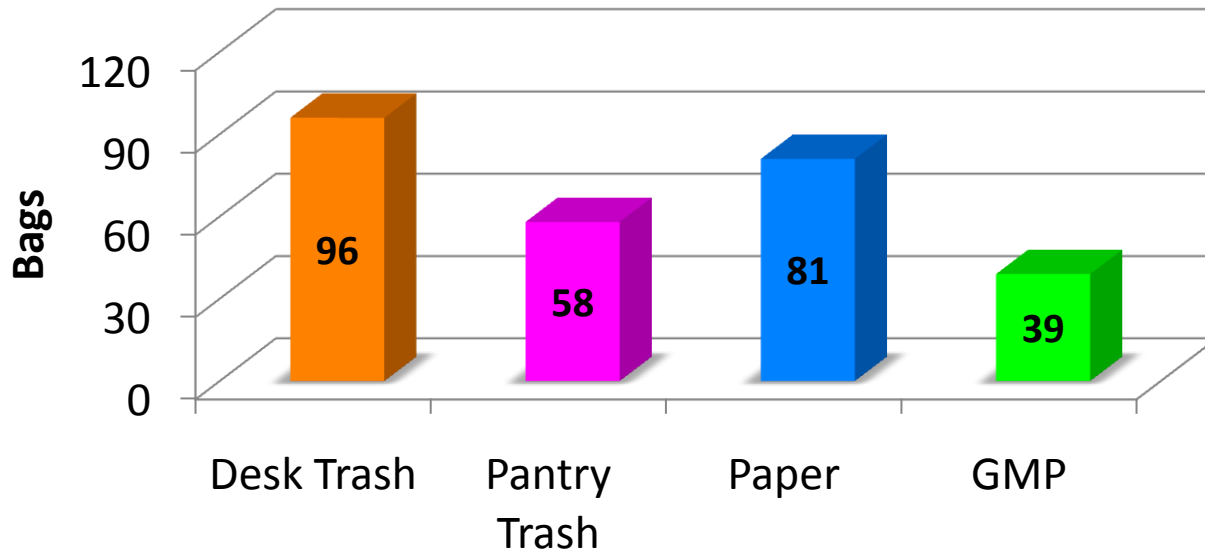
- Diversion Ratio: 40%
- 2,347 liners per day

Building with Dual Deskside Program

- Deskside
 - Two bins at each desk
 - Most bins used and collected appropriately
- Central Bins
 - Central trash and recycling bins exhibit appropriate use

Dual Deskside Program

Amount of Waste



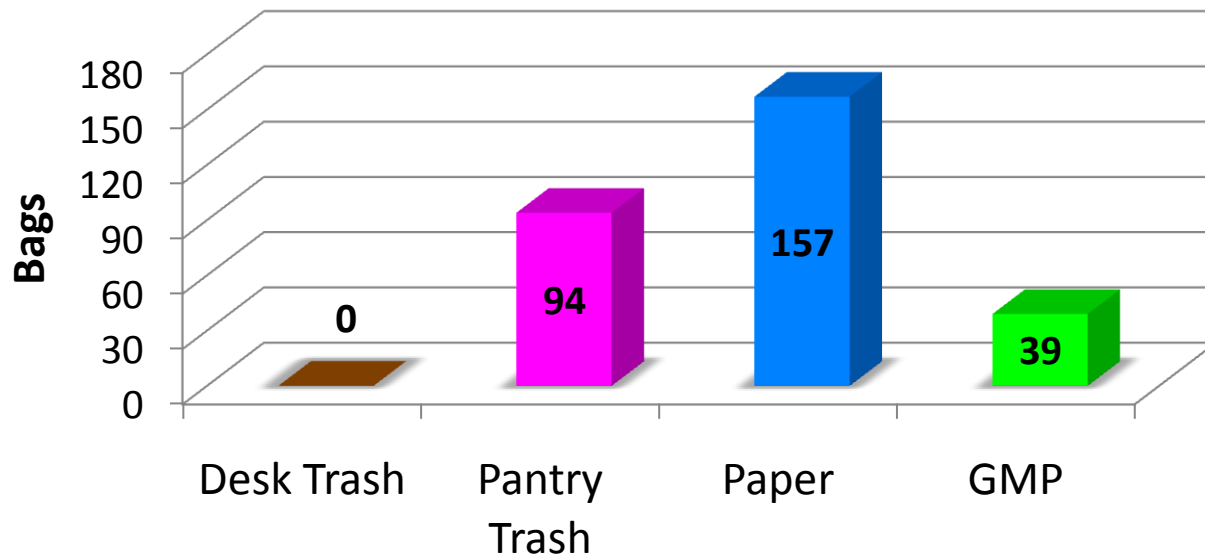
- Diversion Ratio: 44%
- 1,805 liners per day

Single Deskside Program

- Single bin by each desk for **PAPER**
- Food waste to pantries or other central areas
- ALL deskside bins are **UNLINED**

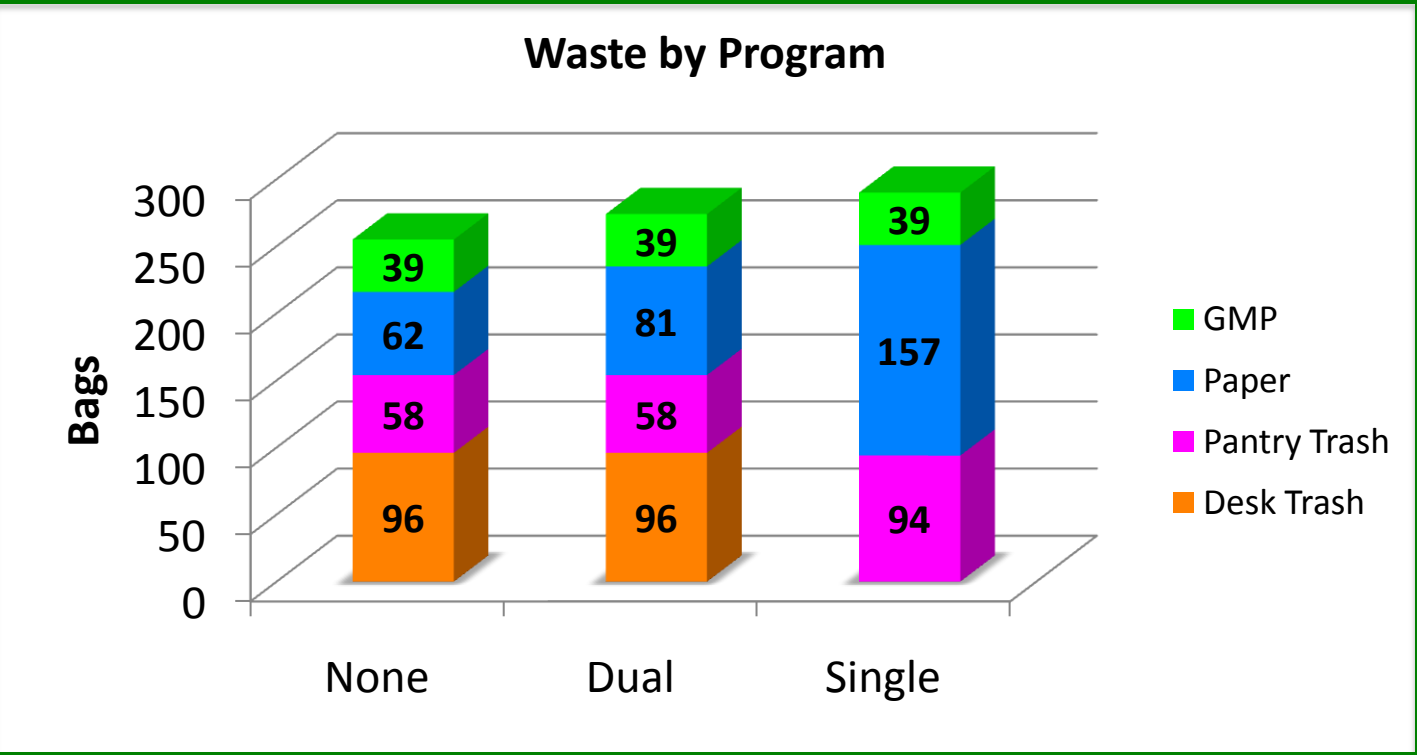
Single Deskside Program

Amount of Waste



- Diversion Ratio:
 - 66%
- 0 liners per day

Compare



Diversion Ratios

- None: 40%
- Dual: 44%
- **Single: 66%**

- None: 2,347 liners per day
- Dual: 1,805 liners per day
- **Single: 0 liners per day**



Implementing in your space

1. Check with building management
2. Check with cleaning company
3. Educate employees

Conclusion

1. Streamline recycling
 - Single Deskside Program
2. Increase diversion ratio
 - **40% → 66% = 26% increase**
3. No added costs

- Questions?

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