



2022 Report

What are Pop-Up Drop-Off events?

Pop-Up Drop-Off events are recycling and large item disposal events free to residents of Jefferson County. They are funded through a partnership between the Department of Public Works, the Louisville/Jefferson County Waste Management District, and Metro Council.

How often do the events occur?

The events are once per month, generally March – November.

What types of items can residents drop off?

Residents can drop off large household items/bulky waste, up to 3 electronic devices, scrap metal, bundled yard waste, up to 4 tires, household recyclables, prescription medication (collected on site by Jefferson County Sheriff's Department), and documents for shredding (shredded on site by a vendor).

How much of the material is recycled?

All items are recycled except the bulky waste and the prescription medication, which is incinerated. Historically, all bulky waste from "junk drop-off" events was sent to the landfill. The Pop-Up Drop-Off events are different because residents must separate their loads into the various categories. By setting up the events this way, much of the material can be recycled and kept out of the landfill. In 2022, 46.8% of the material dropped off was diverted from the landfill.

Which types of items NOT accepted at the Pop-Up Drop-Off events?

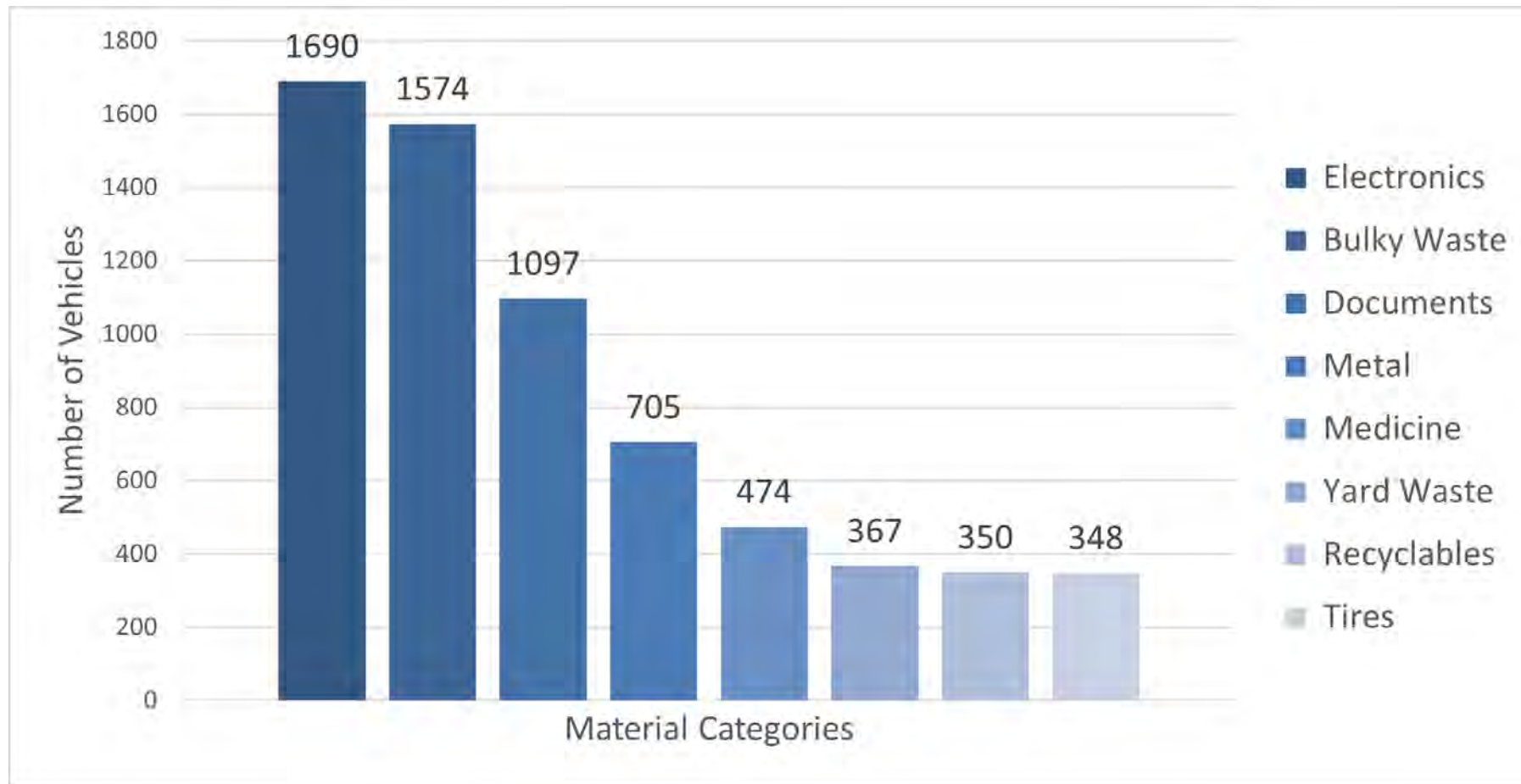
- Garbage, loose debris
- Concrete, bricks, rocks
- Construction debris
- Appliances containing Freon
- Latex paint
- Batteries, light bulbs, oil-based paint, varnished, stains, and other household hazardous waste
- Tree trunks and unbundled yard waste
- Boats and hot tubs
- Items from businesses

Total participants, weight (in lbs) collected at all events, and landfill diversion rates

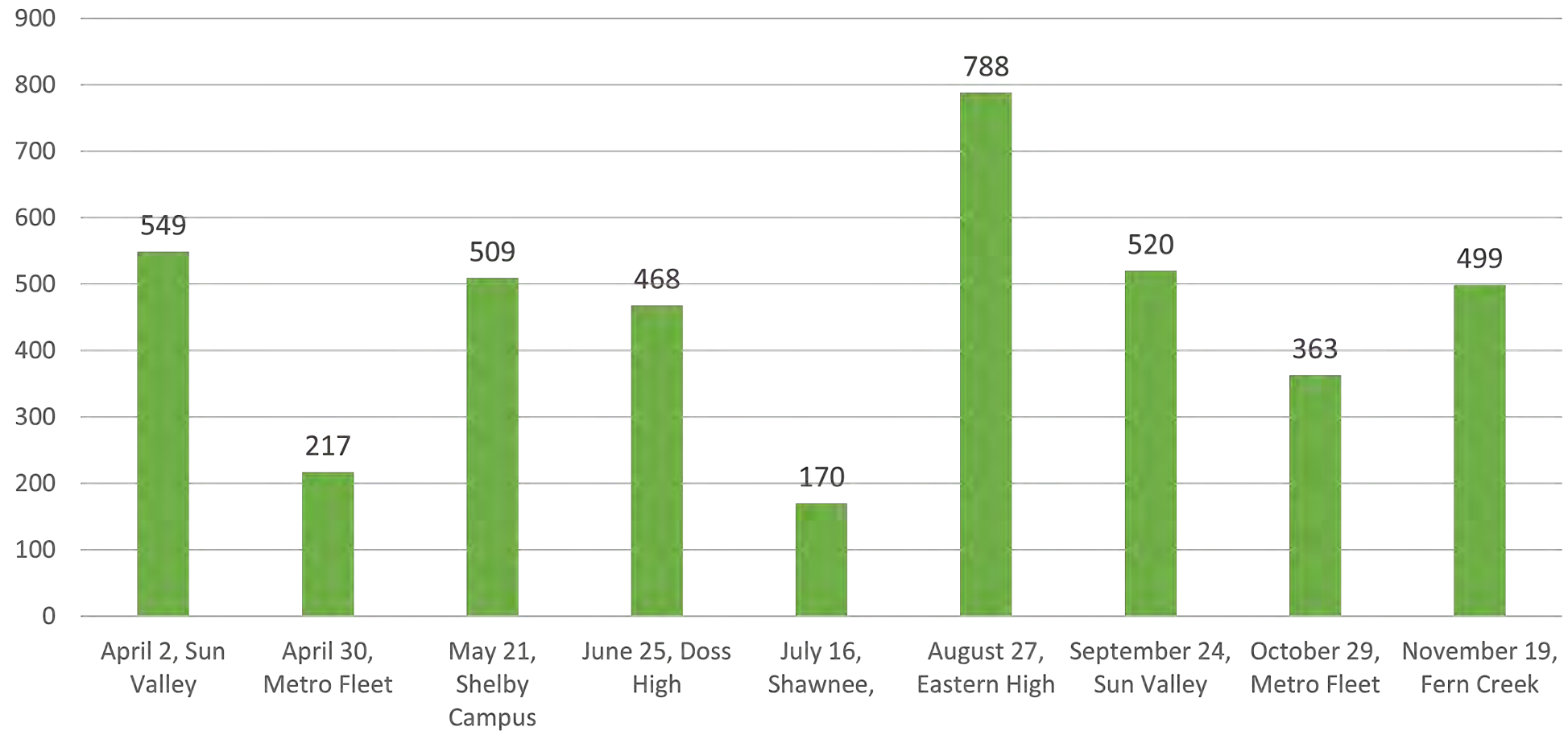
Some weights estimated based on averages

Date	Participants	Electronics	Tires	Yard Waste	Metal	Household Recycling	"Junk"	Shredding	Meds	Diversion Rate
4/2/2022 Sun Valley	549	(24 gaylords) 6,912	6,160	3,340	5,200	1,360	58,540	(139 vehicles) 13,344	153	38.4%
4/30/2022 Fleet Services	217	(16 gaylords) 4,608	(72 tires) 1,620	2,560	7,000	940	21,780	N/A	176	43.7%
5/21/2022 Shelby Cam.	509	(30 gaylords) 8,640	(50 tires) 1,125	1,900	4,620	1,600	29,780	(129 vehicles) 12,384	105	50.5%
6/25/2022 Doss	468	(30 gaylords) 8,640	(147 tires) 3,308	4,180	7,820	1,360	45,600	(112 vehicles) 10,752	120	44.2%
7/16/2022 Shawnee	170	(10 gaylords) 2,880	(49 tires) 1,102.5	5,980	1,940	360	26,520	(15 vehicles) 1,440	59	34.2%
8/27/2022 Eastern	788	(45 gaylords) 12,960	(180 tires) 4,050	6,440	7,180	1,940	44,240	(234 vehicles) 22,464	277	55.6%
9/24/2022 Sun Valley	520	(30 gaylords) 8,640	(164 tires) 3,690	6,680	5,840	1,340	60,080	(116 vehicles) 11,136	145	38.4%
10/29/2022 Metro Fleet	363	(24 gaylords) 6,912	(90 tires) 2,025	8,960	1,680	360	31,560	(166 vehicles) 15,936	177	53.3%
11/19/2022 Fern Creek	499	(24 gaylords) 6,912	(85 tires) 1,912.5	5,120	7,680	2,060	26,180	(172 vehicles) 16,512	126	60.6%
TOTALS	4,083	67,104	24,993	45,160	48,960	11,320	344,280	103,968	1,338	46.8%

Count of vehicles with each material category at all 2022 events

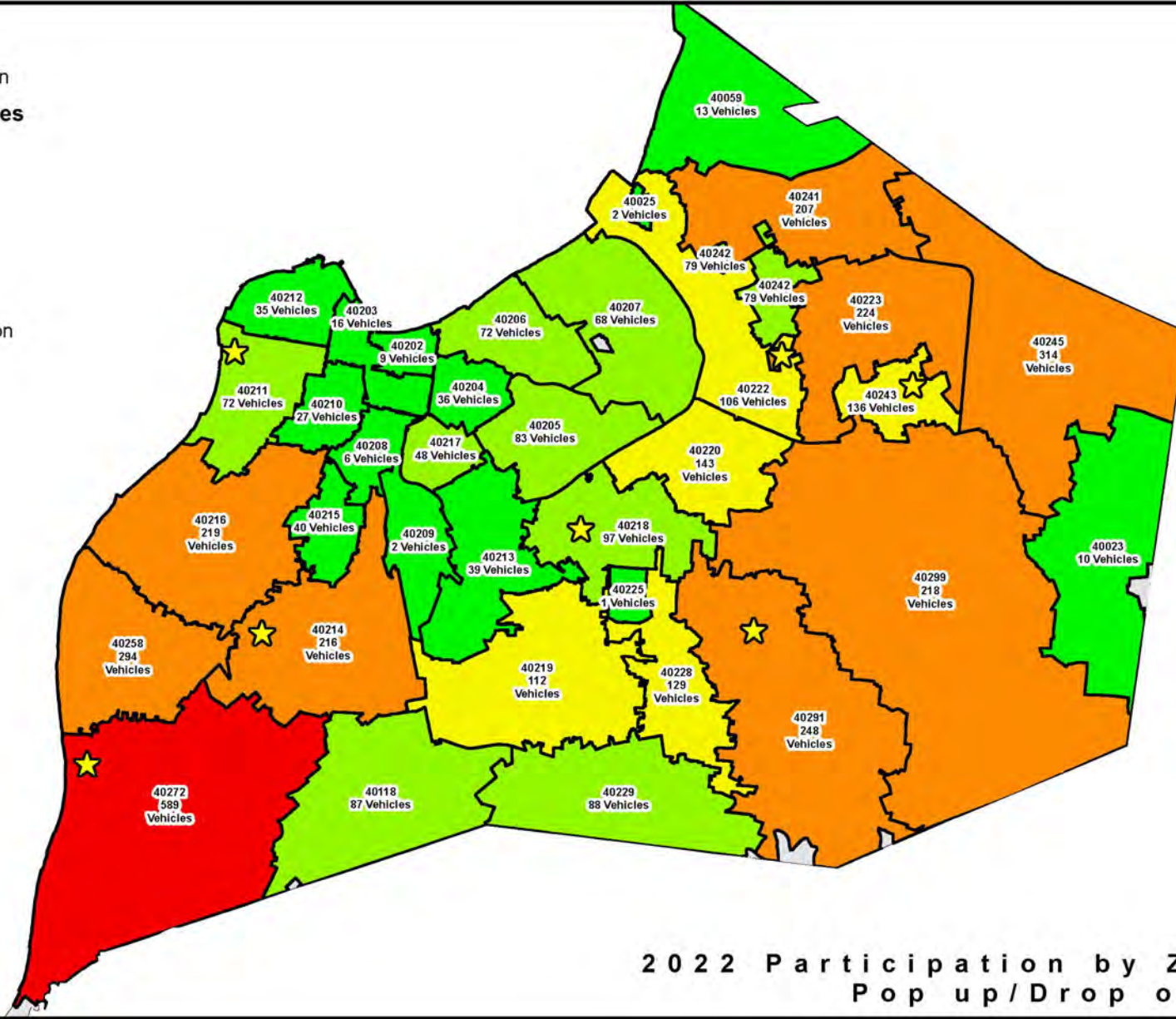
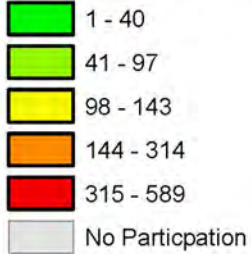


Number of participants at all 2022 events (Average: 453 participants per event)



★ Event Location

Number of Vehicles



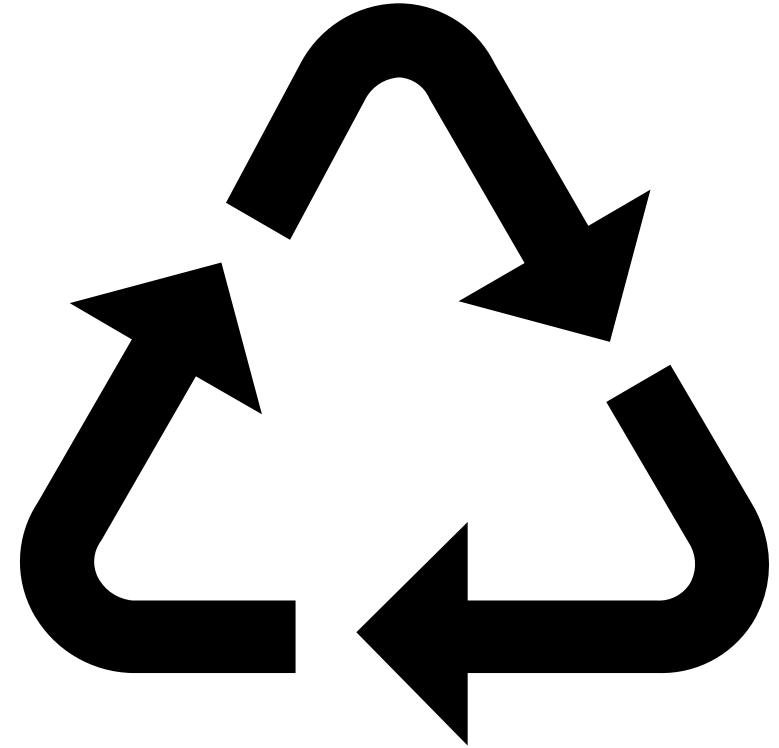
2022 Participation by Zip Code
Pop up/Drop off Event



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2022
Zip Code
Map

2022 Diversion Rate
46.8%



Diversion Rate = $\frac{\text{total weight} - \text{bulky waste weight}}{\text{total weight}}$

Goal #1:

Increase diversion rates through more education about separating materials.

- Overall diversion increased by almost 2% from 2021.
- Diversion increased at 4 events.
- Recovered 3% more metal than in 2021. (5% of total → 8% of total)

NOTE: 2021 diversion rates were adjusted to match method of calculating weight of shredded documents used in 2022.

	2022	2021	
OVERALL	46.8%	45.0%	
Sun Valley #1	38.4%	25.6%	
Metro Fleet #1	43.7%	74.5%	Shredding not available at event
Shelby Campus	50.5%	58.5%	
Doss High	44.2%		New location
Shawnee Park	34.2%	34.9%	
Eastern High	55.6%	46.0%	
Sun Valley #2	38.4%	35.9%	
Metro Fleet #2	53.3%	54.7%	
Fern Creek	60.6%	50.7%	



Goal #2:

Reach residents from low participation areas.

- The Doss High School location was added to attract more residents from 40214 and the surrounding area.
- There were 2% more vehicles from 40214 than in 2021.
- Other zip codes with a slight increase in participation included 40219, 40212, and 40211.



Goal #3:

Update and improve traffic plan logistics where needed.

- Traffic plan for Eastern High School was changed but the adjustment did not solve the problem. The document shredding truck was too close to the start of the line, meaning the traffic backed up to the road too easily because the majority of participants wanted to shred documents.
- Sun Valley continues to work better when shredding, medication, and electronics are at the church.
- Fleet Services traffic flow went well each time.
- Shelby Campus works well with staff directing vehicles into two lanes.



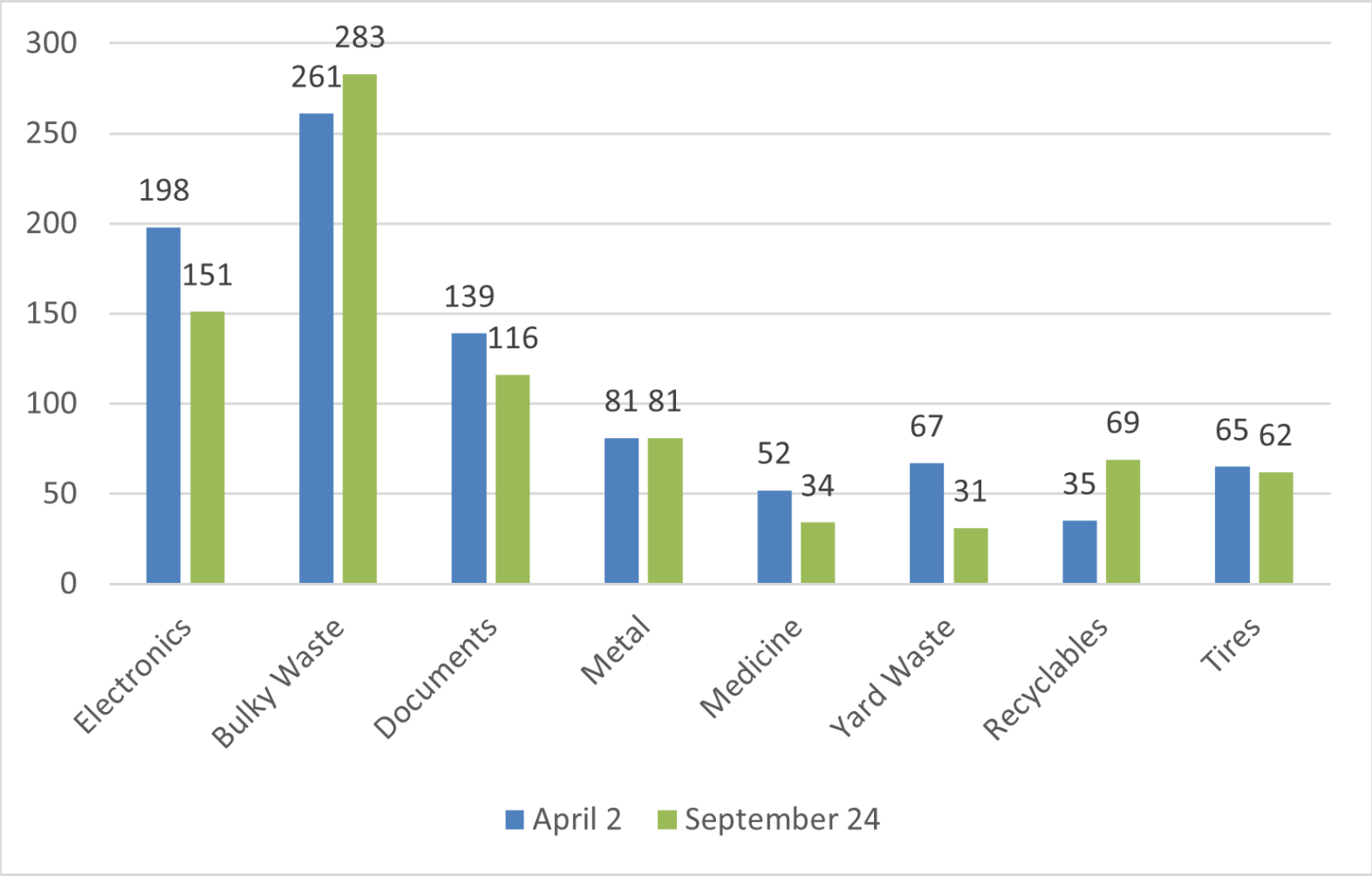


Sun Valley Park April 2 and September 24

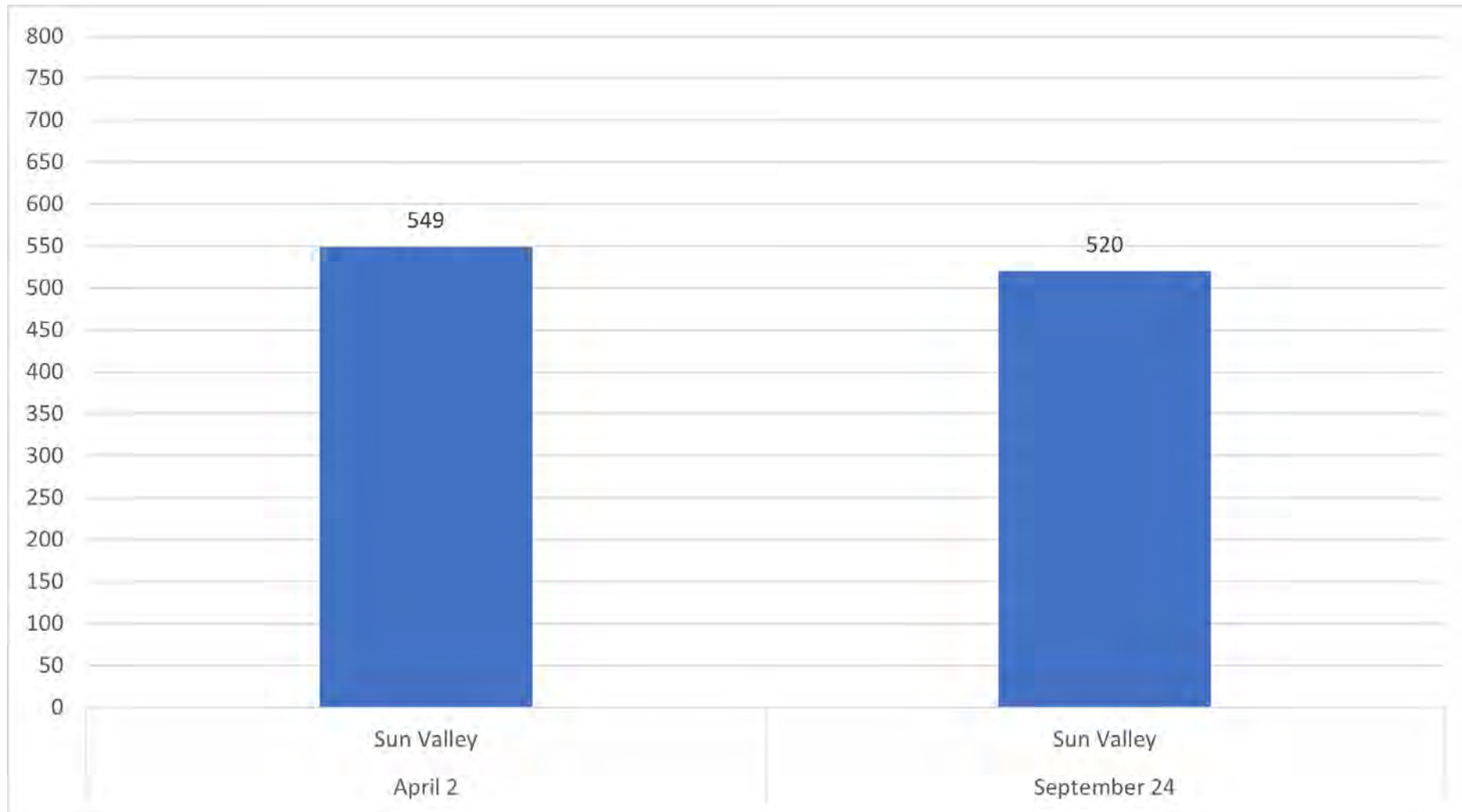
38.4% Diversion Rate on April 2

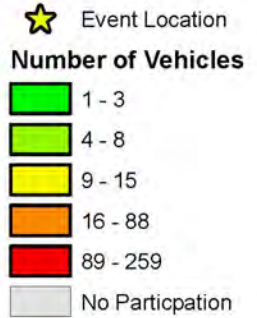
38.4% Diversion Rate on September 24

Count of vehicles with each material category at Sun Valley (April and September)



Number of participants at Sun Valley events

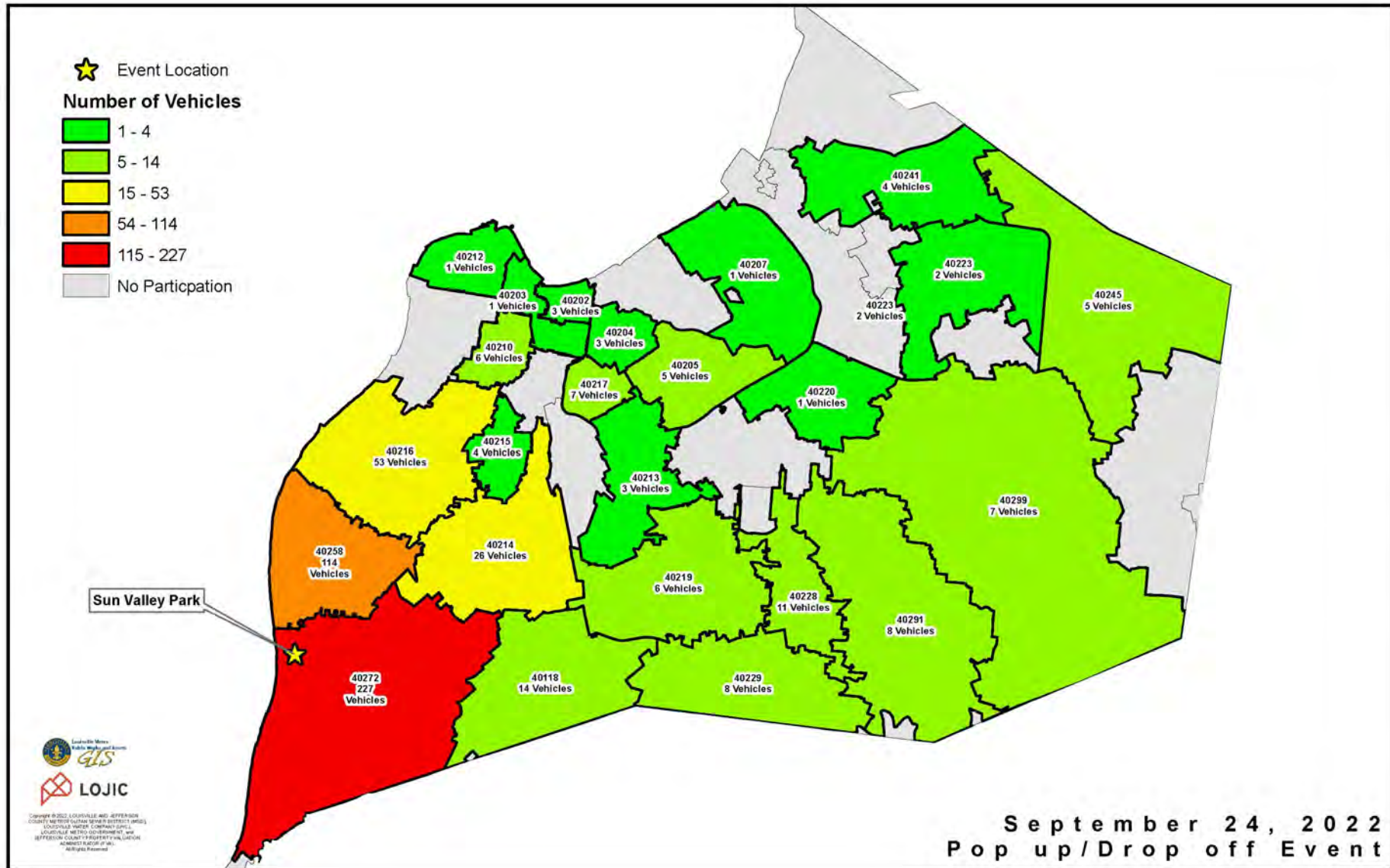




Sun Valley Park



April 2, 2022
Pop up/Drop off Event



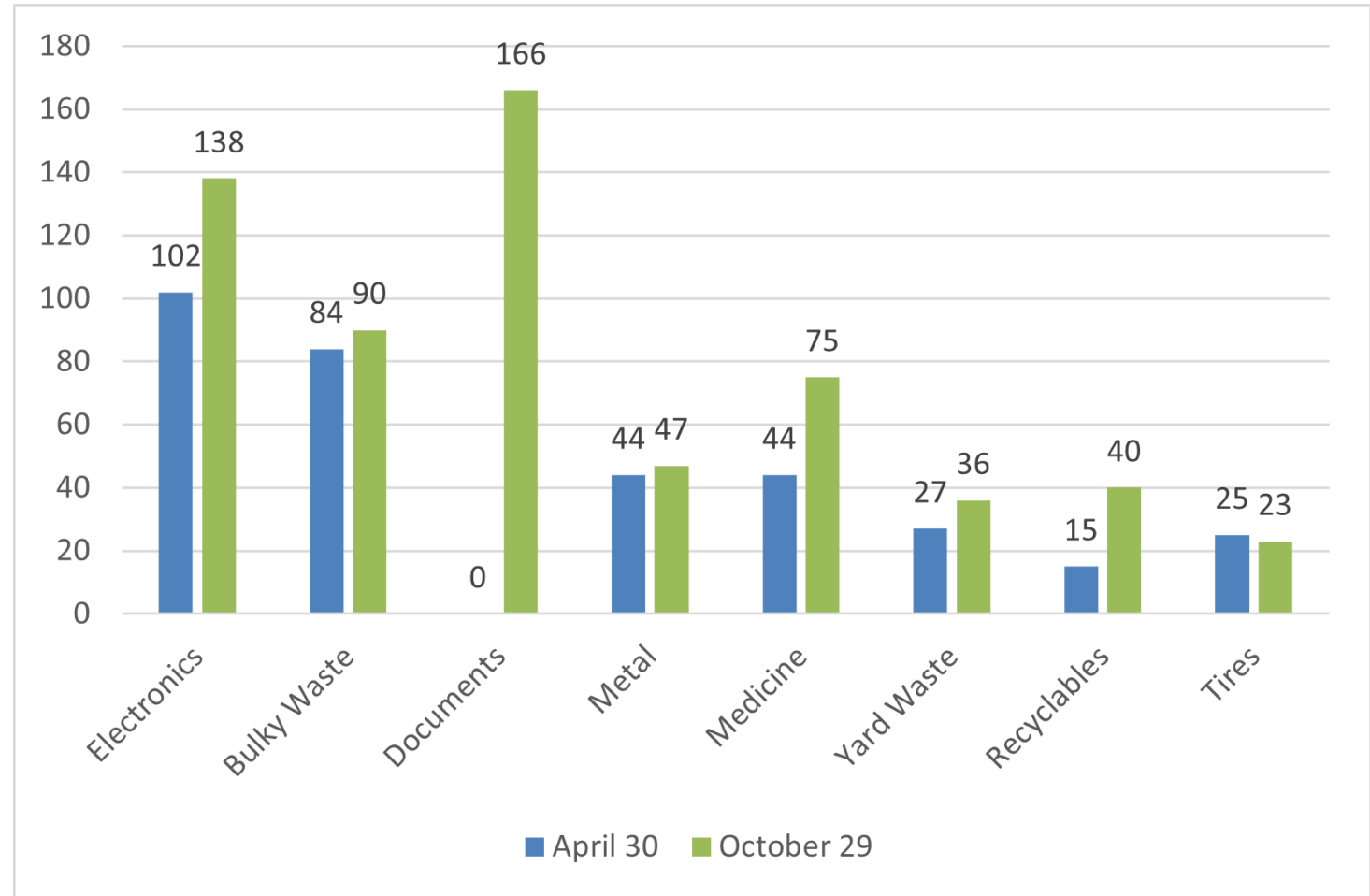


Metro Fleet Services April 30 and October 29

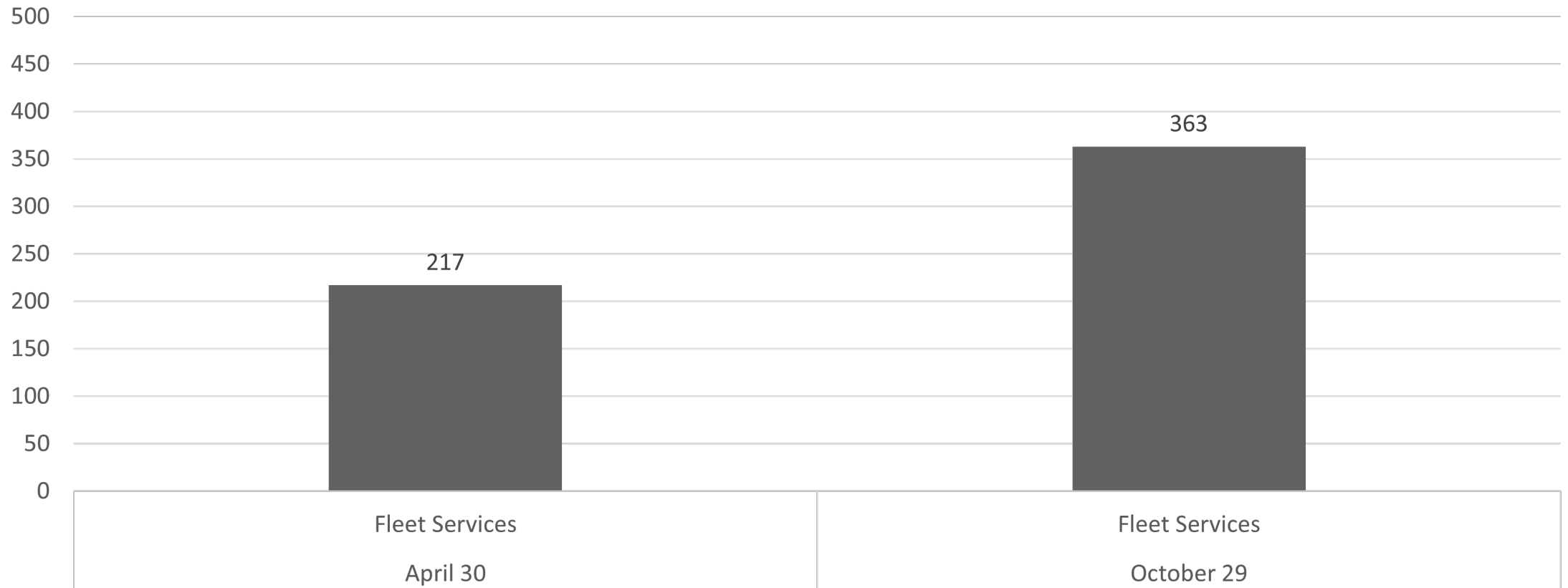
43.7% Diversion Rate on April 30

53.3% Diversion Rate on October 29

Count of vehicles
with each
material category
at Fleet Services
(April and
October)



Number of participants at Metro Fleet events



★ Event Location

Count_ZIPCODE

1 - 2

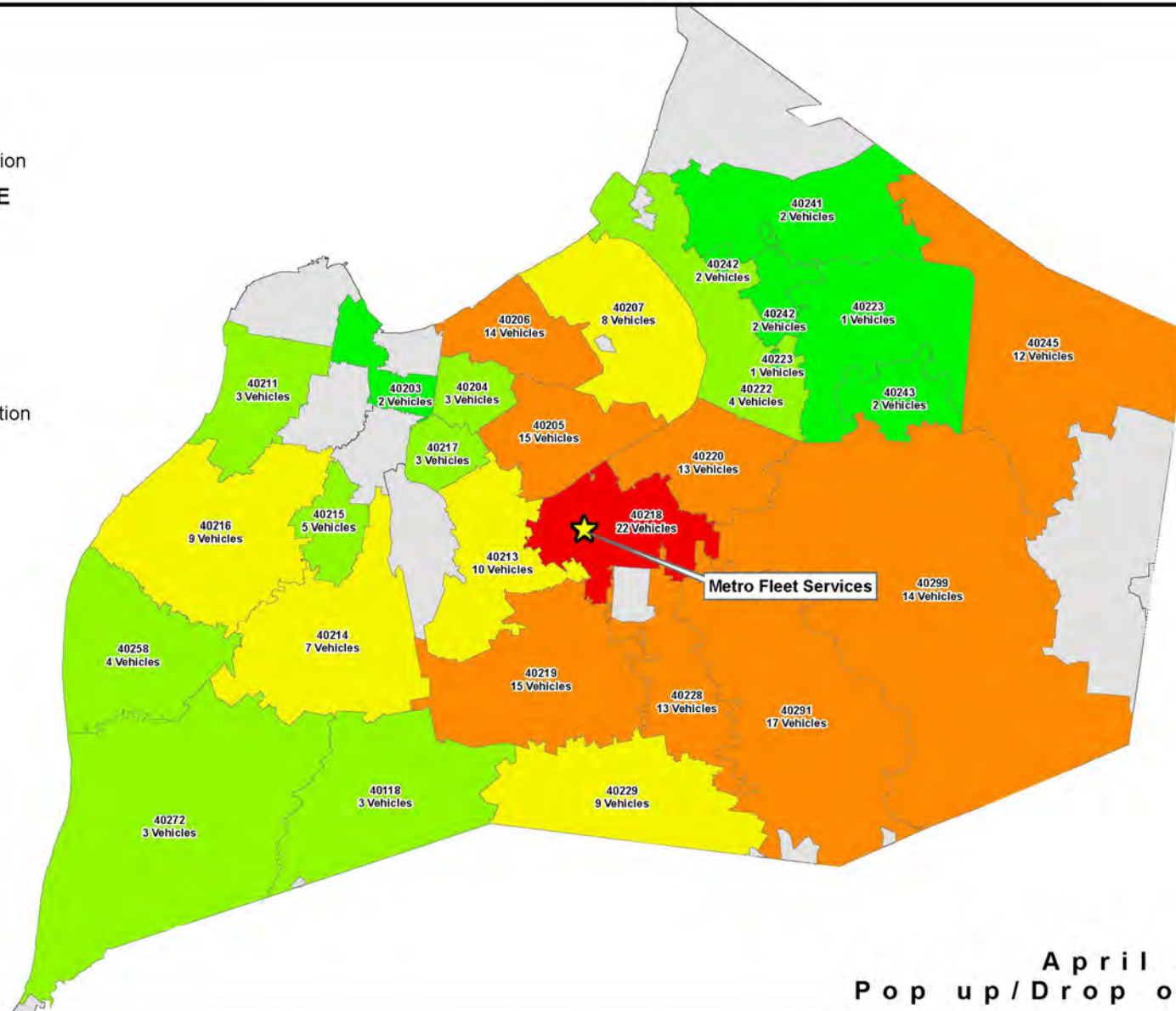
3 - 5

6 - 10

11 - 17

18 - 22

No Participation

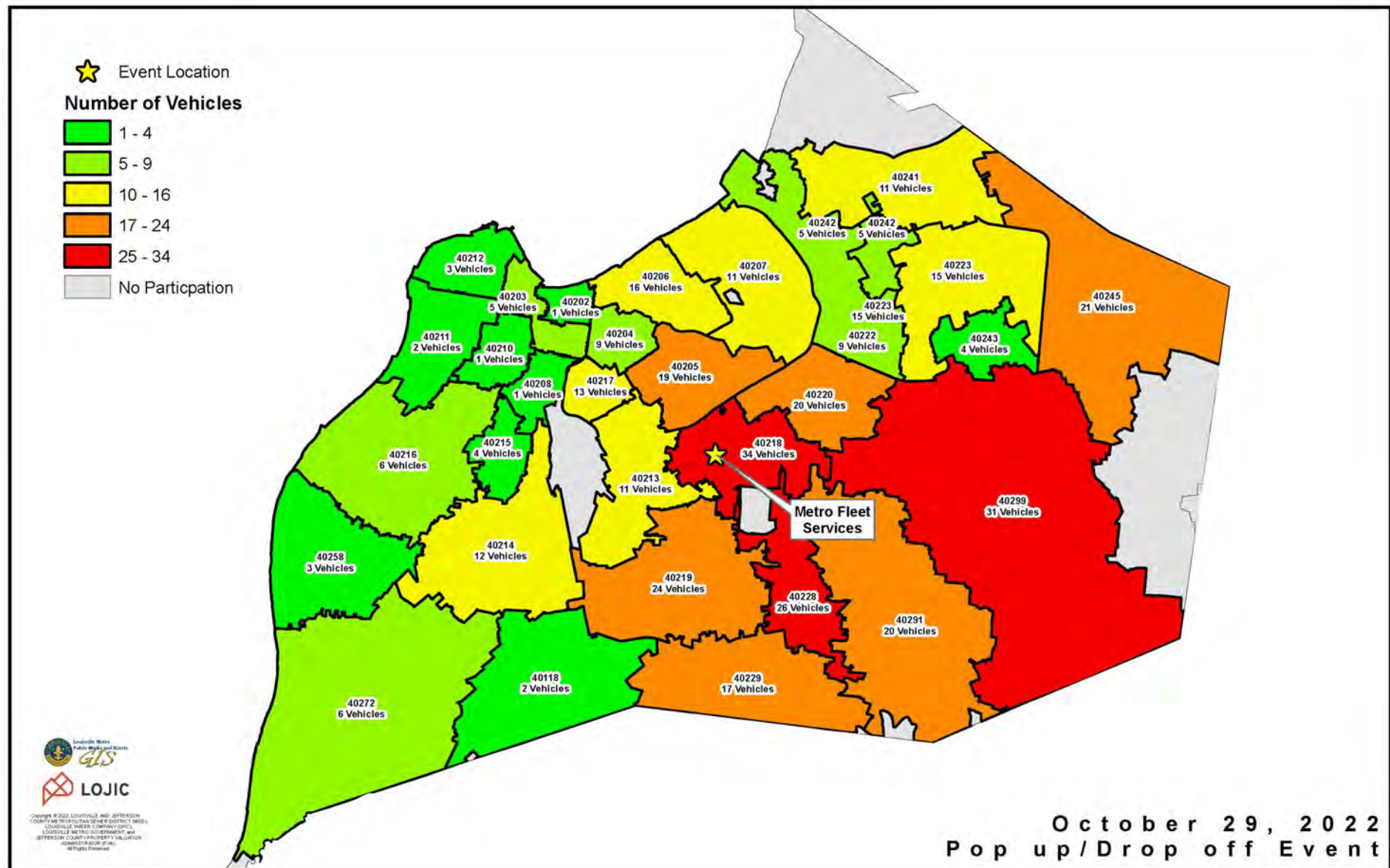


Metro Fleet Services



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April 30, 2022
Pop up/Drop off Event

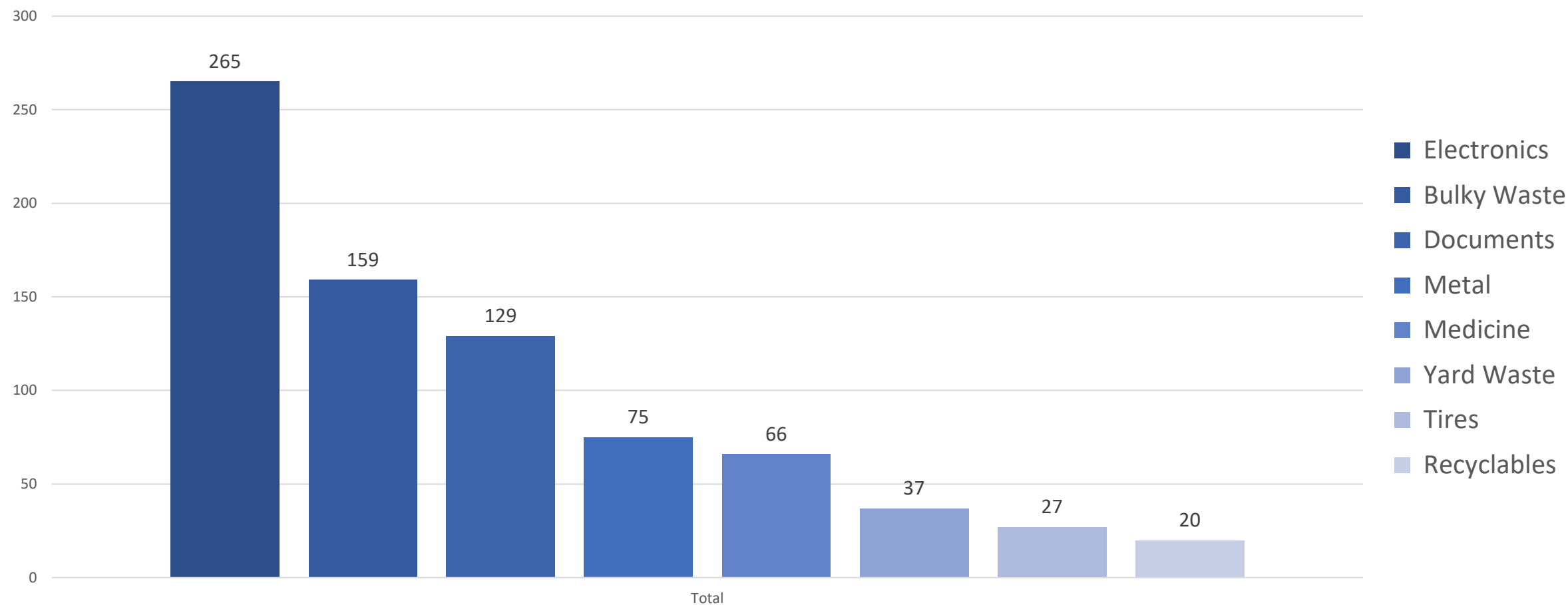




UofL Shelby Campus May 21

50.5% Diversion Rate

Count of vehicles with each material category at UofL Shelby Campus

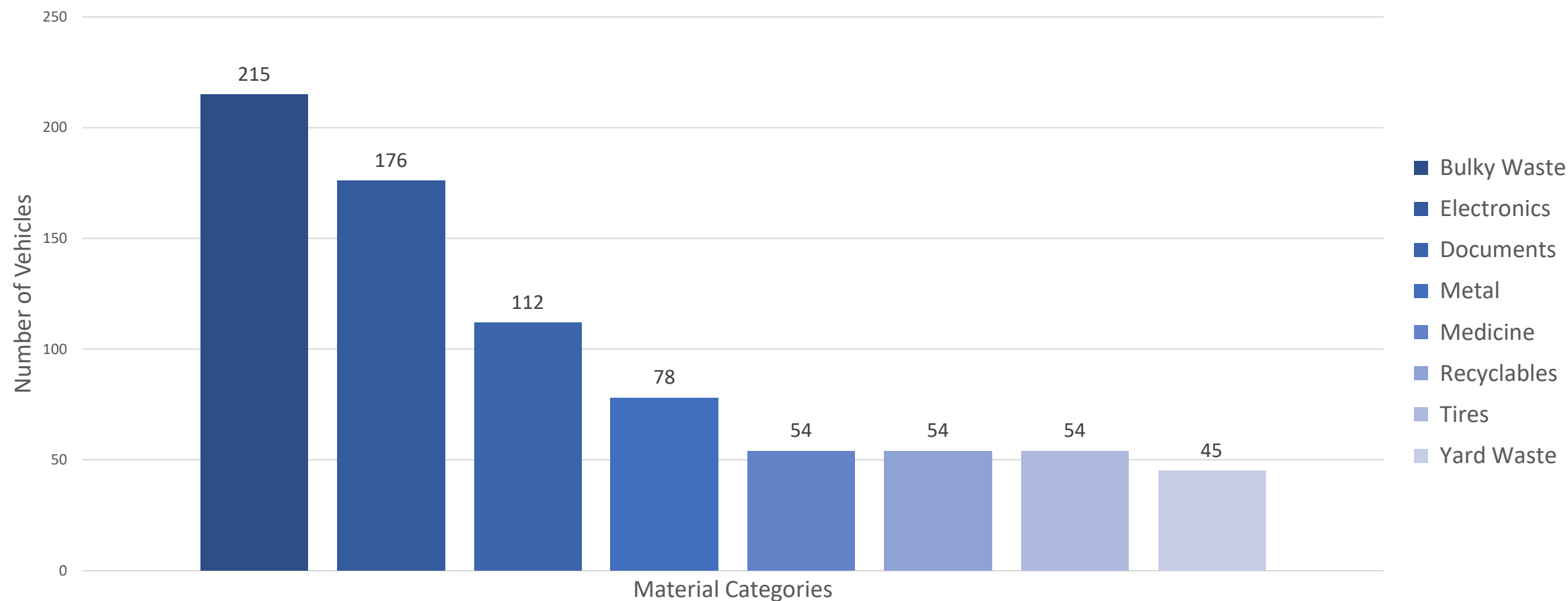


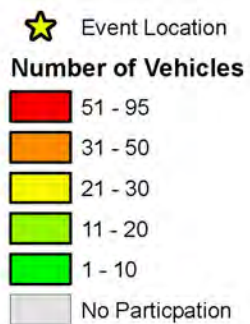


Doss High School June 25

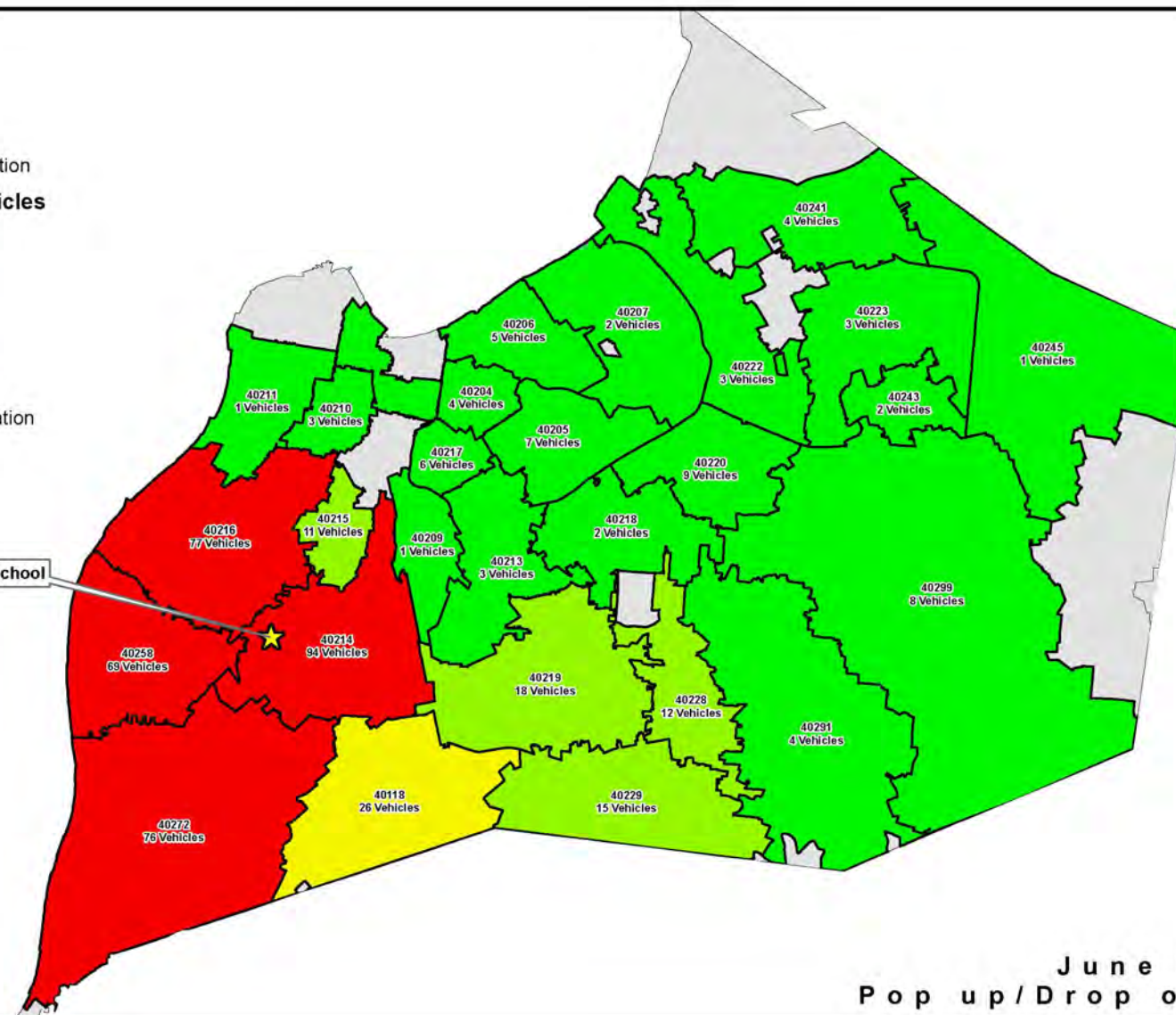
44.2% Diversion Rate

Count of vehicles with each material category at Doss High School





Doss High School



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6/25/2022 10:00 AM - 10:00 PM Pop up/Drop off Event
Data Source: 6/25/2022 10:00 AM

June 25, 2022
Pop up/Drop off Event

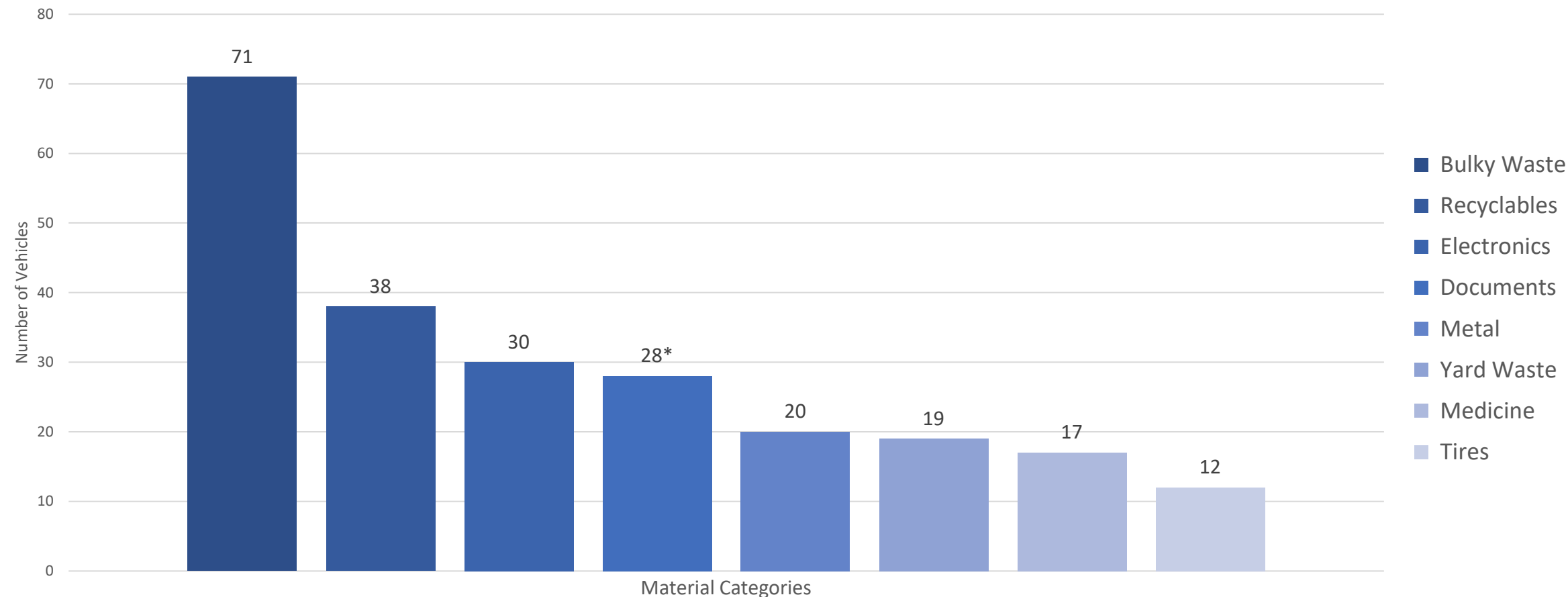
Shawnee Park July 16

34.2% Diversion Rate



Count of vehicles with each material category at Shawnee Park

*Shred-It truck did not come. Only 15 vehicles came to make-up event on July 30.

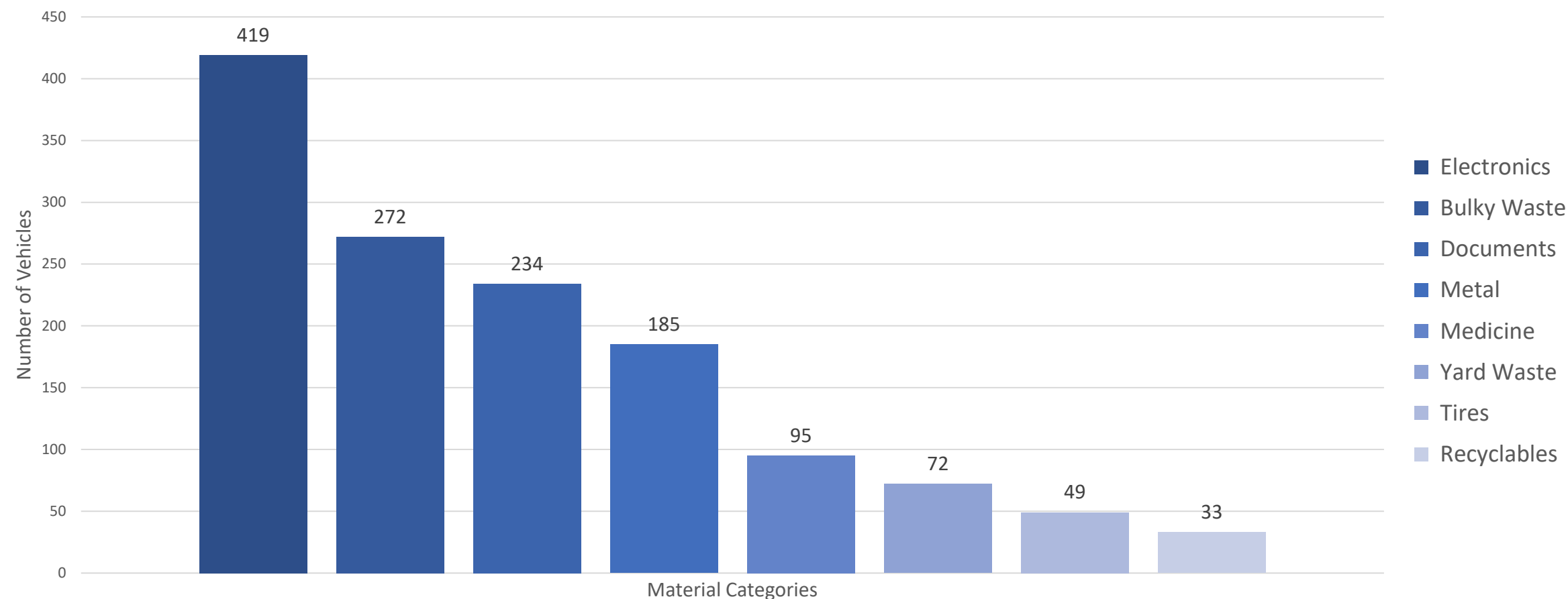




Eastern High
School
August 27

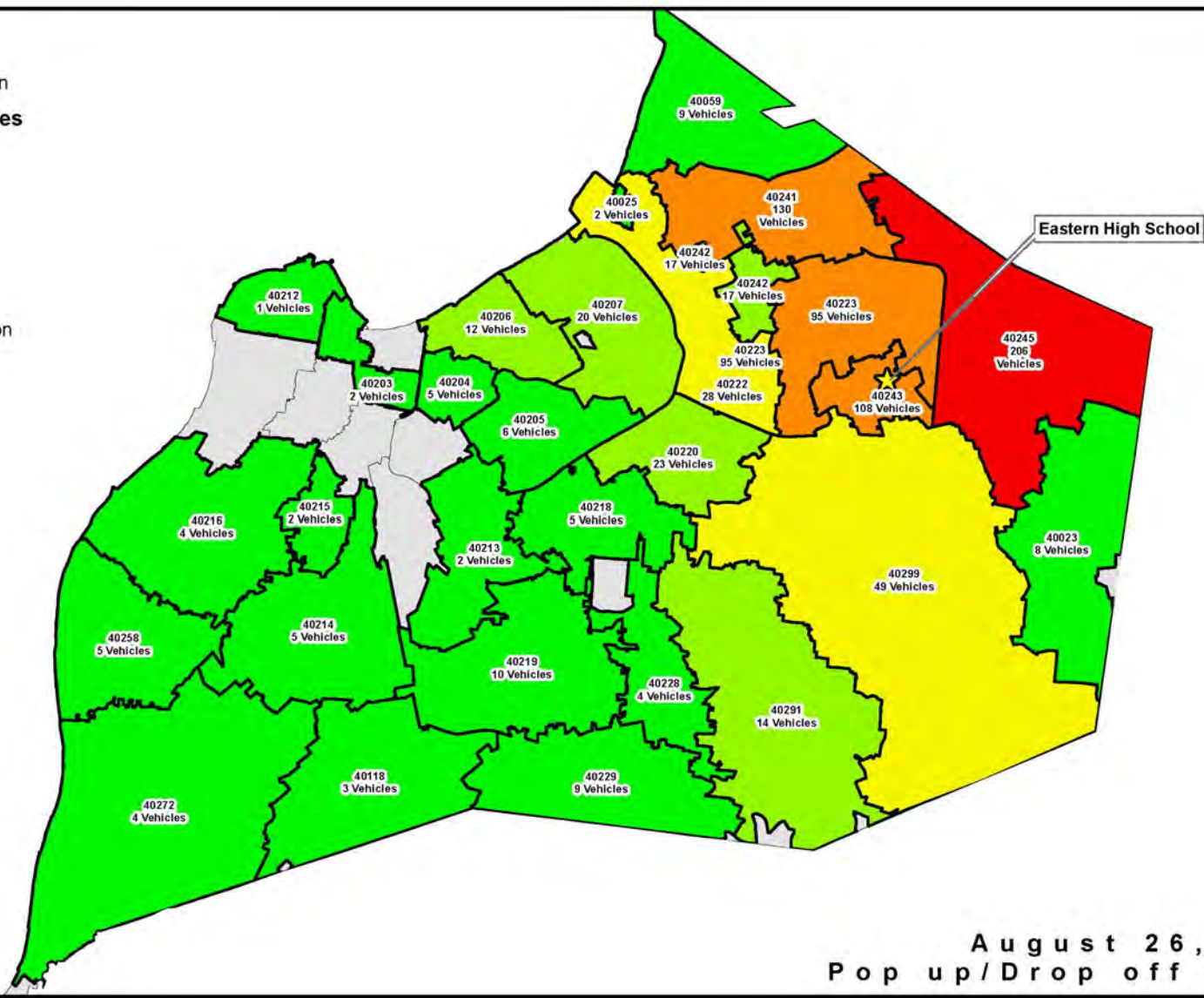
52.6% Diversion Rate

Count of vehicles with each material category at Eastern High School



★ Event Location

Number of Vehicles



Eastern High School



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August 26, 2022
Pop up/Drop off Event

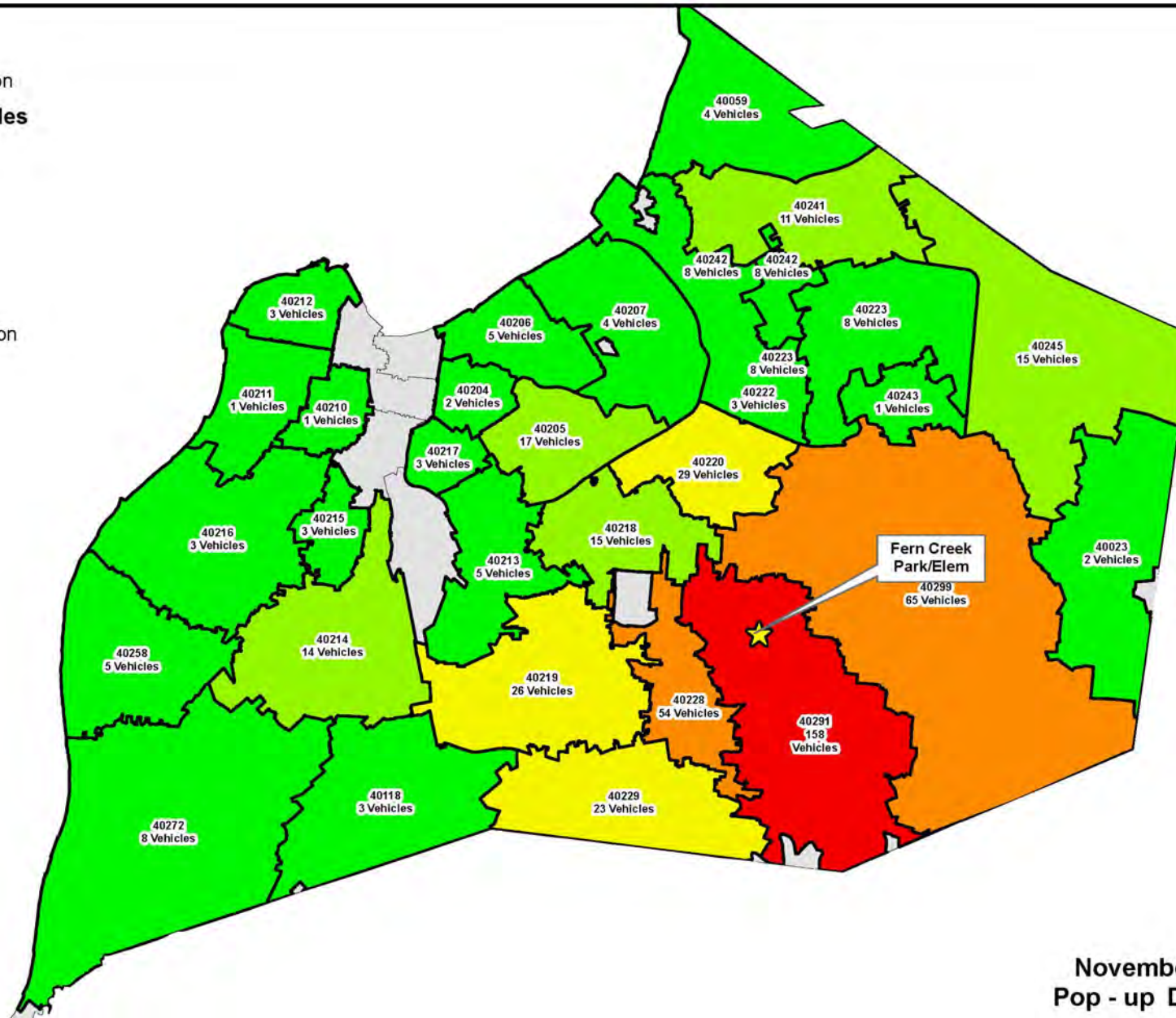
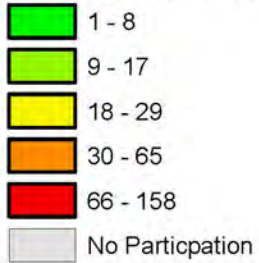


Fern Creek Park/Elementary November 19

61% Diversion Rate

★ Event Location

Number of Vehicles



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November 19, 2022
Pop-up Drop-off Event

Count of vehicles with each material category at Fern Creek Park/Elementary

