

Byte Waste Solutions

Ben Lyon, Logan Brooks, Michael McFarland, Walter Lovett

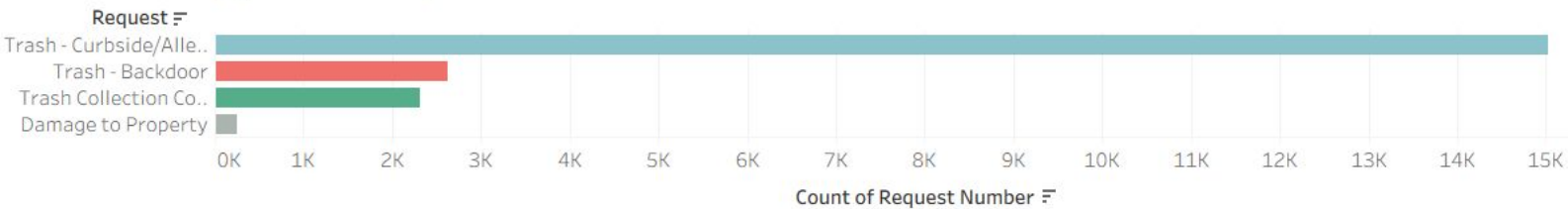


Cleanup

- We replaced N/A's in Trash Hauler, and Trash Route
- Made the Trash Hauler company names all capitalized
- Counted all of the missed counts
- Cleaned up float to integer ZIP Code
- Cleaned a recurring S in Trash Route at the end of some data (ex: 2303S -> 2303)



What other types of complaints are there?



Other Complaints

```
complaint_types = dfs["Request"].unique()
print(complaint_types)
complaint_count = dfs["Request"].value_counts()
print(complaint_count)
```

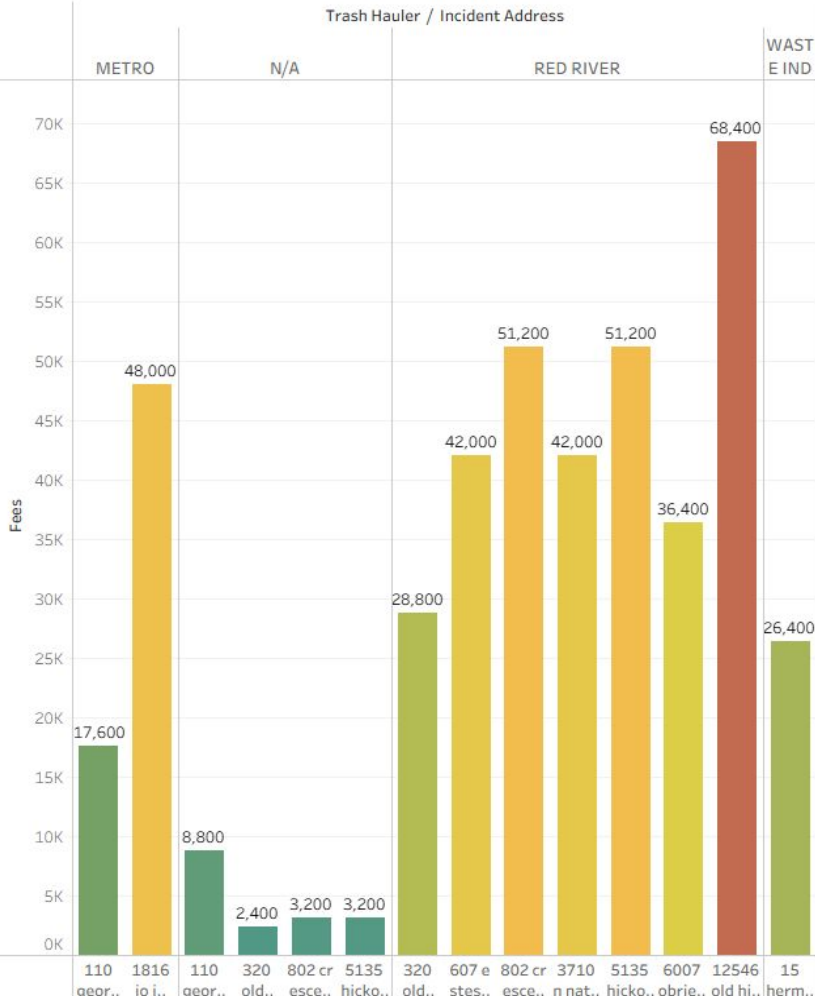
```
['Trash - Backdoor' 'Trash - Curbside/Alley Missed Pickup'
 'Trash Collection Complaint' 'Damage to Property']
```

Request

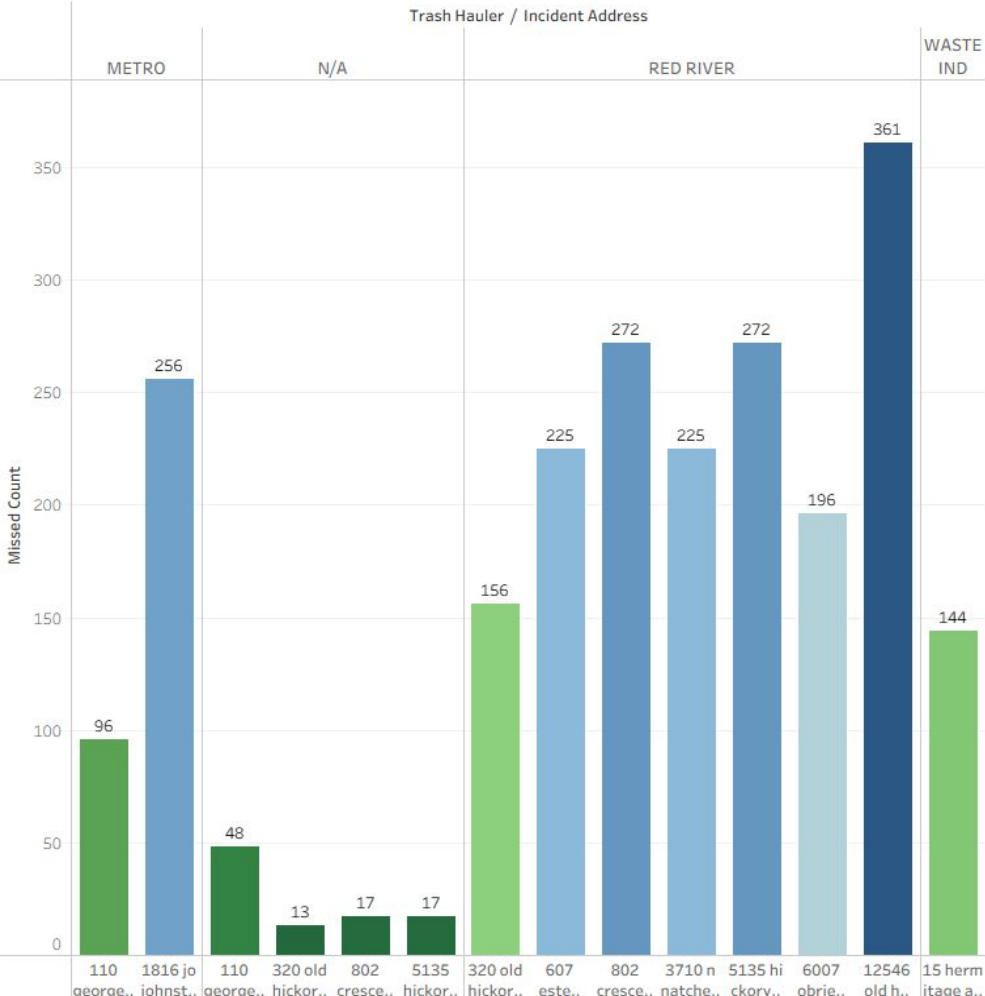
Trash - Curbside/Alley Missed Pickup	15028
Trash - Backdoor	2629
Trash Collection Complaint	2312
Damage to Property	257

Name: count, dtype: int64

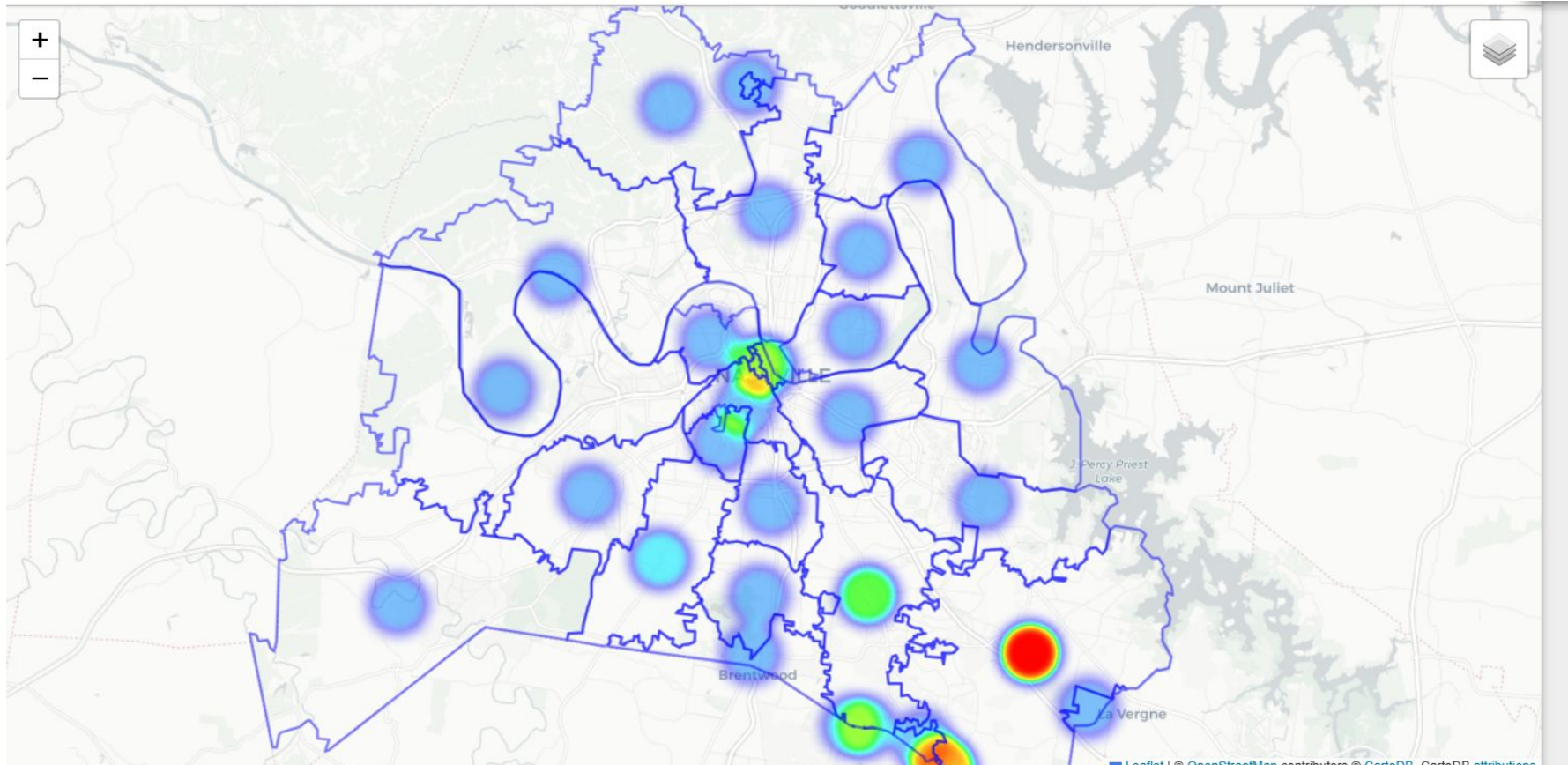
Fines



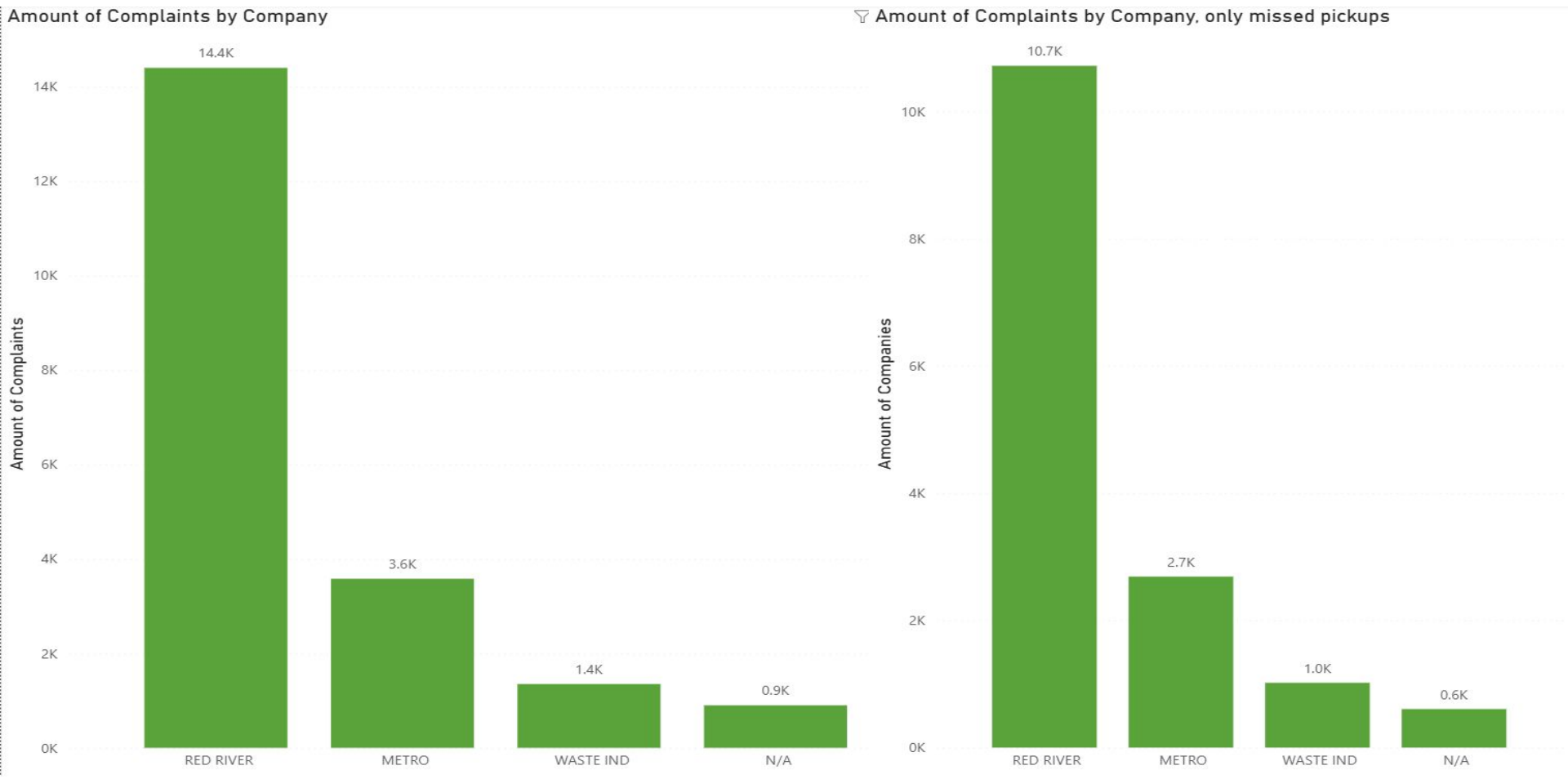
Missed Count



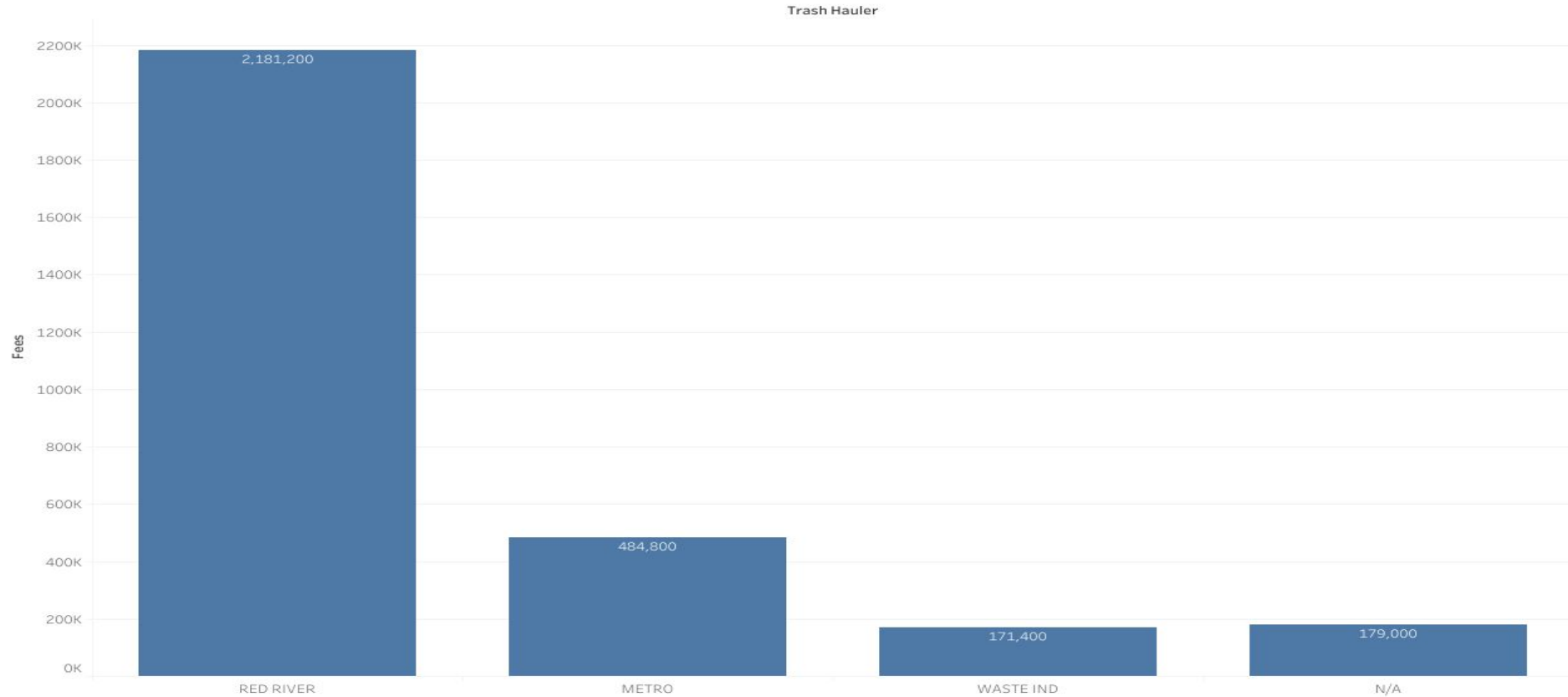
Heatmap



Metro crews compare to contractors performance

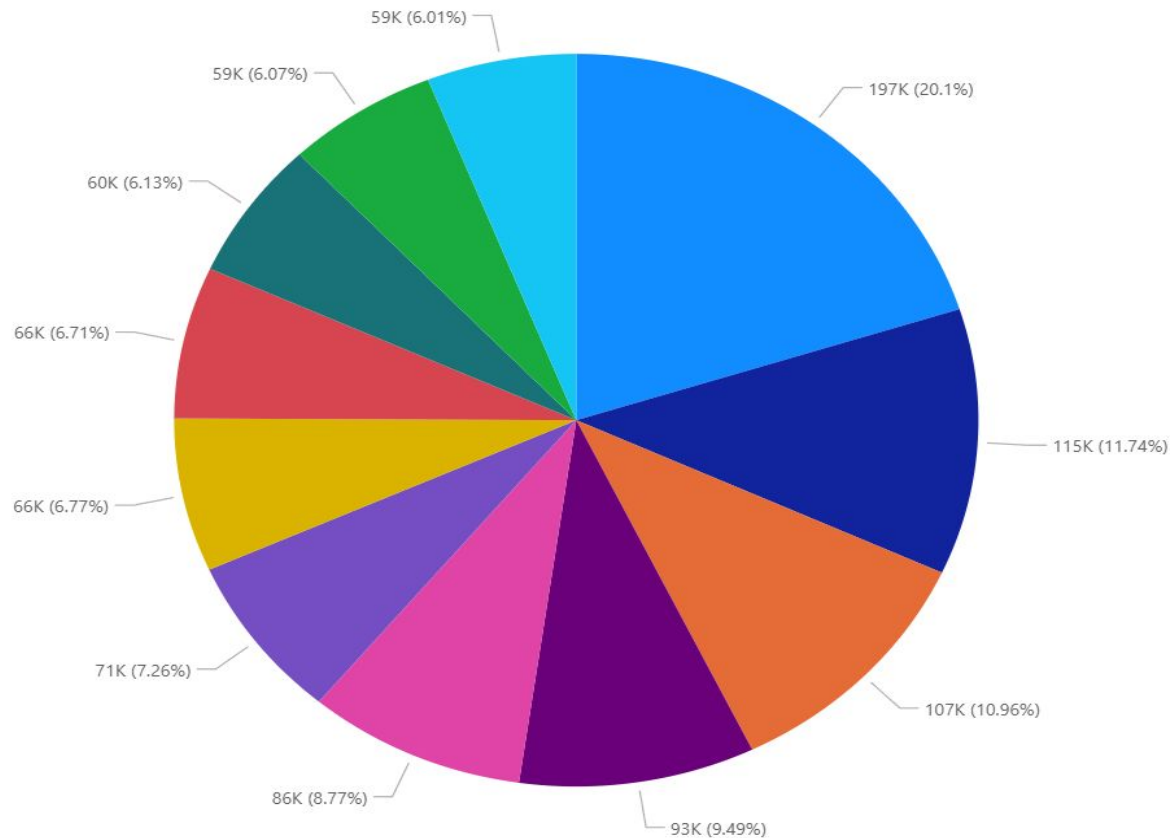


How much does each trash hauler owe



What were the total missed pickup by route?

Top 11 Trash routes by fees



Trash Route

N/A

4504

2303

4510

9208

4404

3203

3305

9303

3302

3201