

Preliminary AirTable Analysis on ICE Sightings + Distribution of ICE Activity

From 2.1.25 to 10.13.25

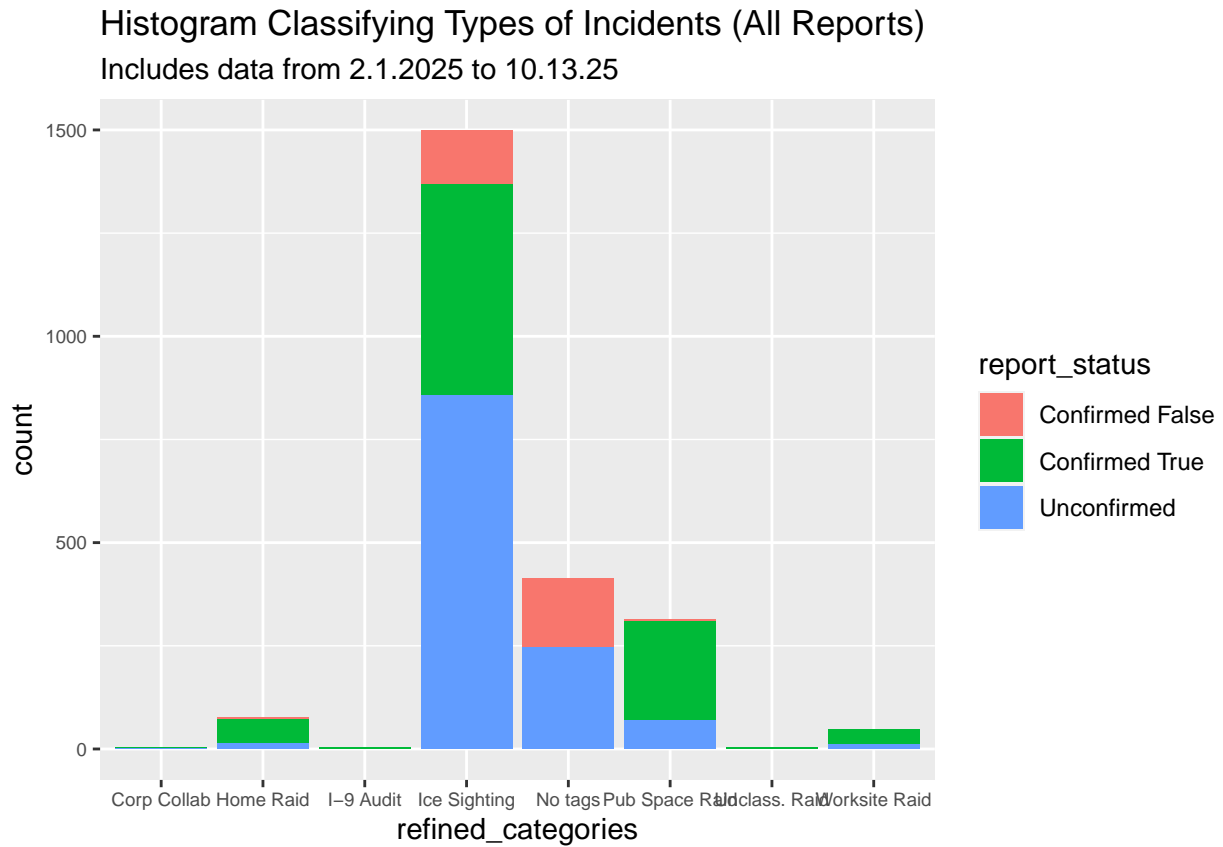
I. Differentiation from AirTable Data

The dashboard in AirTable counts each of the tags and produces a bar chart. Since this chart considers FALSE and Rumors a classification tag, instead of as a separate variable, it unintentionally overstates the I-9 audits, incidents of corporate collaboration, worksite raids, home raids, public space raids, and ICE sightings that have occurred up to 10.13.

For example, the Airtable Dashboard includes 1,498 ICE sightings, but this count includes sightings that have later been proven False (“Ice Sighting, False”). If we actually break down ICE sightings by whether or not they are true, false, or unproven, we find that 512 were confirmed true, 129 are confirmed false, and 857 were unable to be confirmed.

Table 1: Type of Incident by Report Validity (All Reports)

refined_categories	Unconfirmed	Confirmed False	Confirmed True	percentage_confirmed_false
Corp Collab	2	1	2	20.000000
Home Raid	13	3	60	3.947368
I-9 Audit	0	0	3	0.000000
Ice Sighting	857	129	512	8.611482
No tags	246	166	1	40.193705
Pub Space Raid	68	5	241	1.592357
Unclass. Raid	0	0	3	0.000000
Worksite Raid	11	0	37	0.000000



II. Analysis of Activities Verified by RRT

When we analyze incidents where a rapid responder was dispatched (1008/2360 incidents), we can see that the overall distribution looks similar to the broader data set.

Histogram Classifying Types of Incidents Verified by Rapid Responders
Includes data from 2.1.25 to 10.13.25

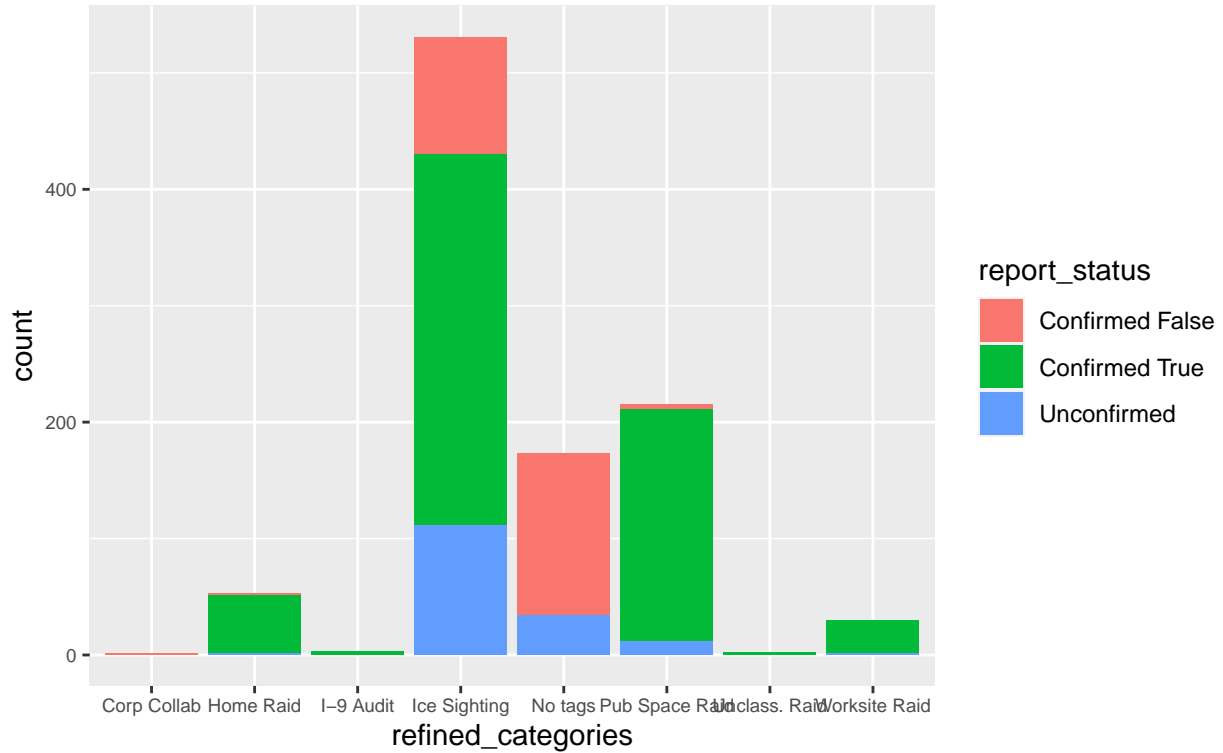


Table 2: Type of Incident by Report Validity (Only Reports Verified by Rapid Responders)

refined_categories	Unconfirmed	Confirmed False	Confirmed True	percentage_confirmed_false
Corp Collab	0	1	0	100.000000
Home Raid	1	2	50	3.773585
I-9 Audit	0	0	3	0.000000
Ice Sighting	111	101	319	19.020716
No tags	34	139	0	80.346821
Pub Space Raid	12	4	199	1.860465
Unclass. Raid	0	0	2	0.000000
Worksite Raid	1	0	29	0.000000

Some notable exceptions exist. For example, false incidents comprise **8.6%** of total ICE sightings, but where a rapid responder was dispatched, incidents were proven false **19.0** of the time (*note that a two proportion z-test confirms this gap is significant, $p < .0001$).

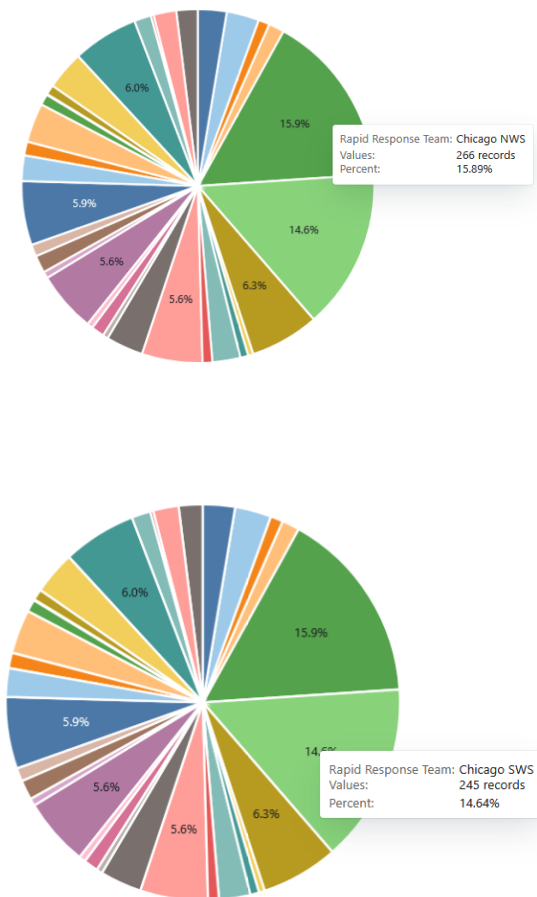
This discrepancy likely occurs because the Airtable database contains additional confirmed incidents that do not come from the FSN.

```
##
## 2-sample test for equality of proportions without continuity correction
##
## data: false_counts out of total_counts
## X-squared = 20.406, df = 1, p-value = 3.132e-06
```

```
## alternative hypothesis: less
## 95 percent confidence interval:
## -1.00000000 -0.06286024
## sample estimates:
##      prop 1      prop 2
## 0.1175743 0.2225610
```

III. Geographic Distribution of Reports

Airtable data would suggest that reports are concentrated along the Northwest Side, followed by the Southwest side. However, this assessment is a very broad one and aggregates data from multiple neighborhood teams.

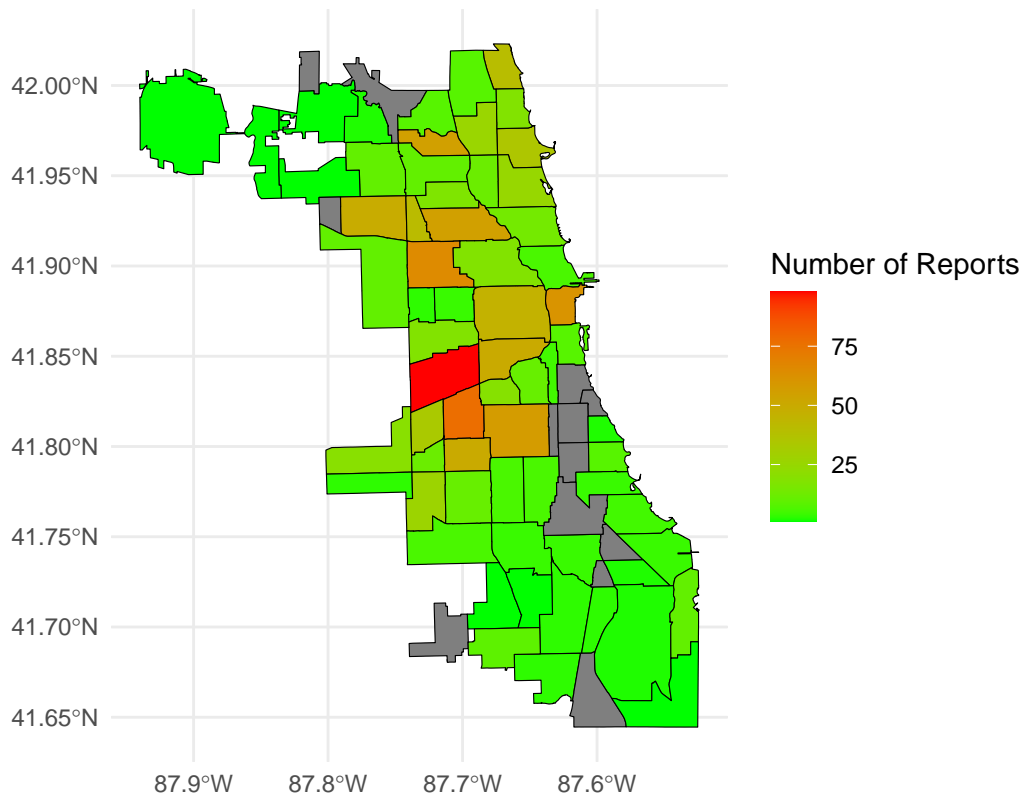


When we actually look neighborhood by neighborhood, we can see that the west-side has been hit the hardest. Cicero has experienced 59 (true) incidents, followed by Little Village (46).

The Southwest side follows with true incidents, with Brighton Park (44), Back of the Yards (23) and Gage Park (17) being particularly affected.

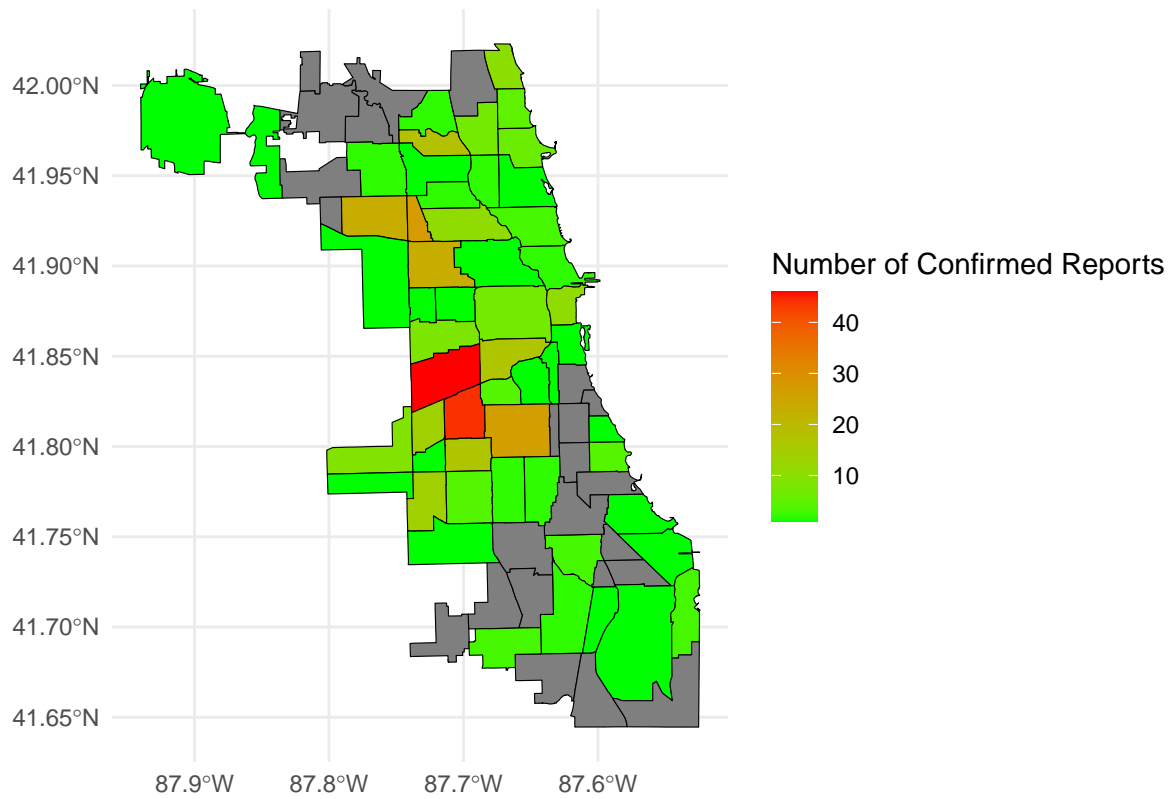
Finally, true incidents along the northwest side are clustered in Hermosa (27), Humboldt Park (23), and Belmont Cragin (21).

Figure 1: Reports by Chicago Neighborhood (All)



Confirmed reports are clustered in the following neighborhoods:

Figure 2: Confirmed Reports by Chicago Neighborhood



False reports are clustered in the following neighborhoods:

Figure 3: False Reports by Chicago Neighborhood

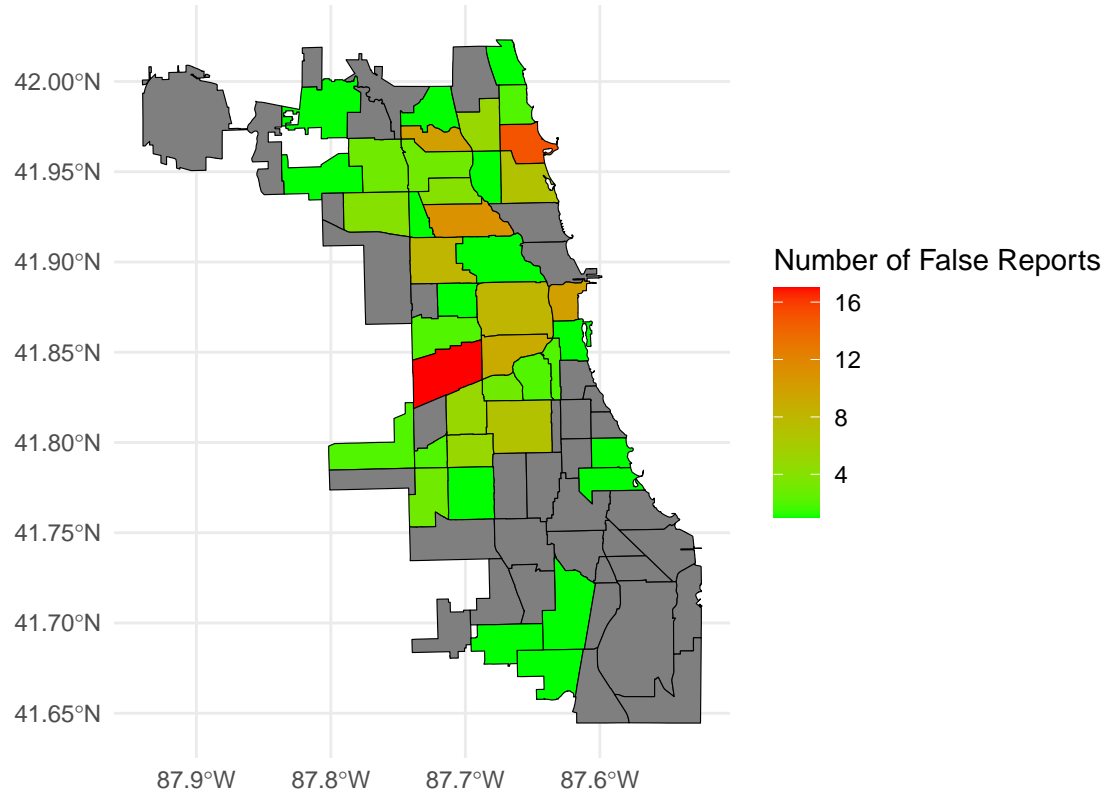


Figure 4: Reports by Chicago Suburb (All)

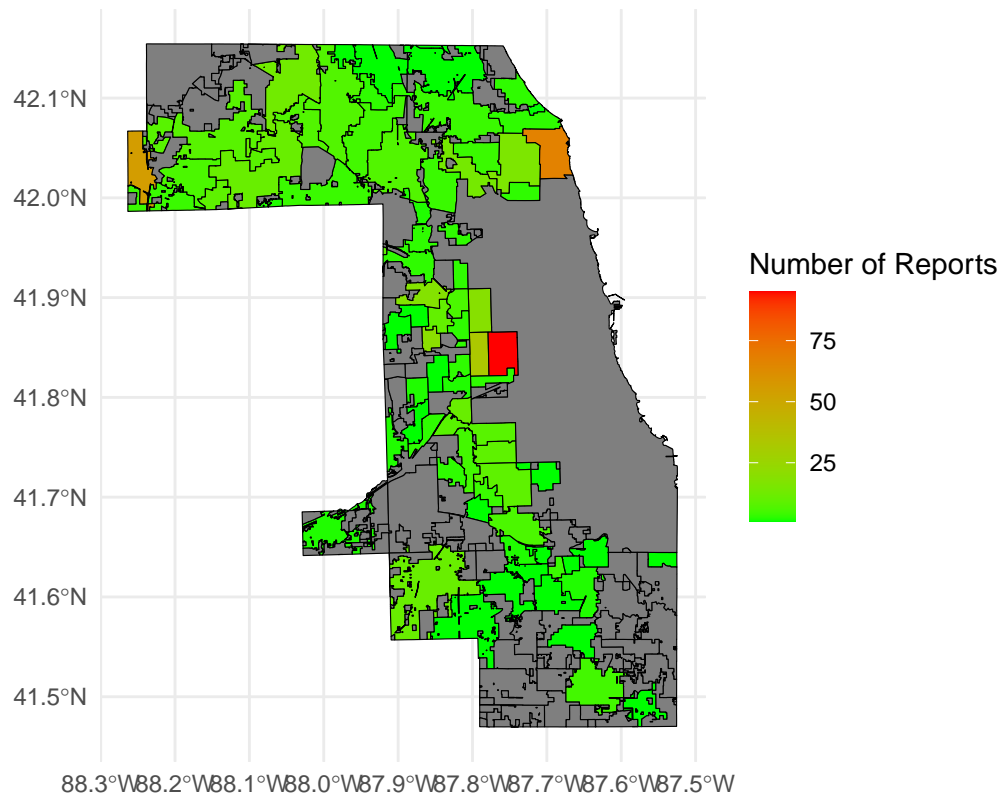
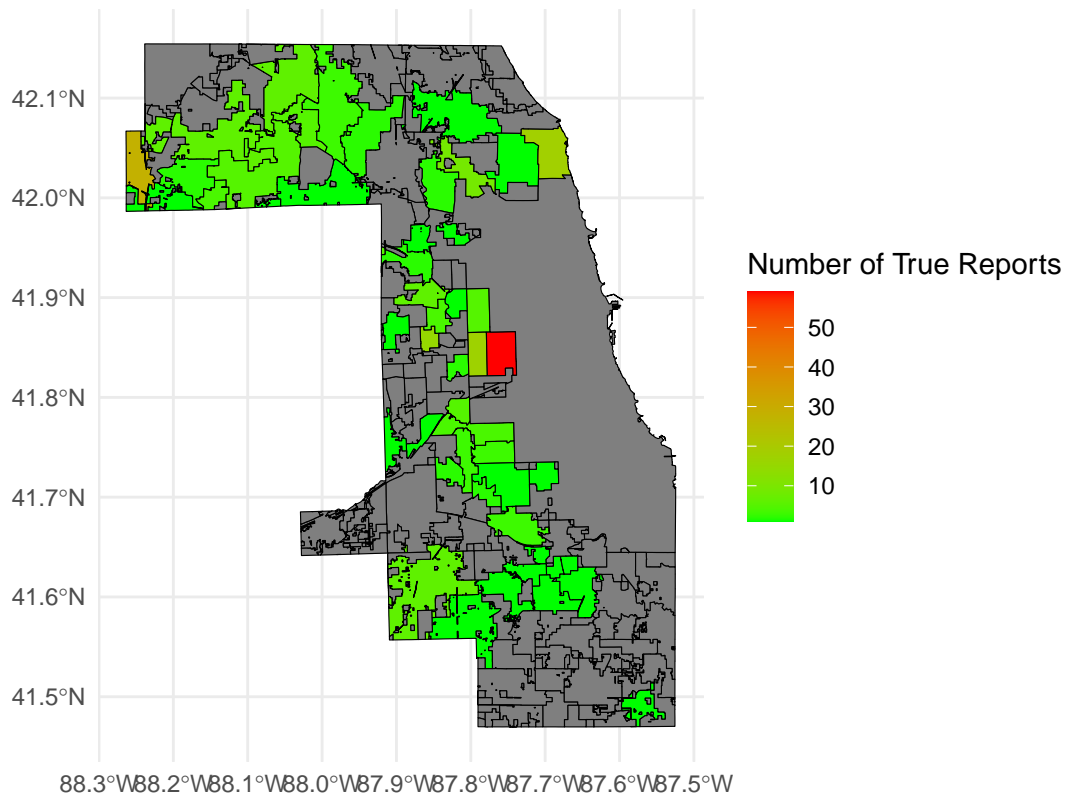


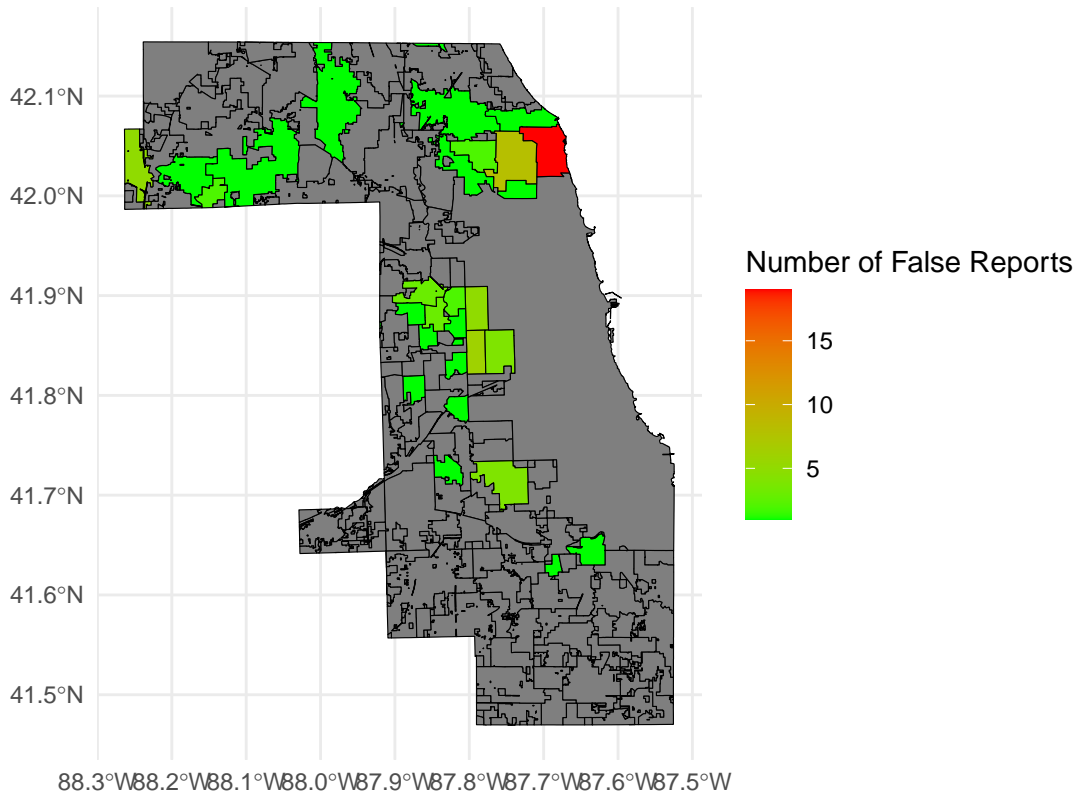
Figure 5: True Reports by Chicago Suburb (All)



```
map_df <- left_join(suburbs_sf, false_reports_count, by = "community")

# VI. Map my data .....
ggplot(map_df) +
  geom_sf(aes(fill = n), color = "black", size = 0.2) +
  scale_fill_gradient(low = "green", high = "red", name = "Number of False Reports") +
  labs(title = "Figure 6: False Reports by Chicago Suburb (All)") +
  theme_minimal() +
  theme(legend.position = "right")
```

Figure 6: False Reports by Chicago Suburb (All)



IV. Interpretation and Recommendations

1. ICE Sightings are by far the common type of the incident. Thus far, the network has recorded 512 confirmed ICE Sightings, 241 Public Space Raids, 60 Home Raids, 37 work site raids, and 3 I-9 raids.
2. Nearly 1 in 5 Ice Sightings were proven false by a rapid responder (19.0%). In contrast, only 1.7% percent of public space raids were proven false and 3.8% of home raids were proven false by a responder. 21% percent of ICE sightings were also unable to be verified by a responder.

This means **40%** of the time a rapid responder is dispatched, they will either find nothing or find that the sighting is false.

Considering this large discrepancy in verifying ICE Sightings, I would recommend the FSN implement a triage system. Would recommend the FSN prioritize potential raids over sightings, since these are far more likely to be confirmed true. Would also suggest the FSN dispatcher query the license plate database and search for a potential match before calling a responder.

Would also ask the rapid response leads to discuss the following questions: Is every sighting worth validating, especially in times when we are hurting for volunteer capacity? Is there a threshold that needs to be met for passing along a sighting?

V. Appendix of Sightings per Neighborhood Top 15 Neighborhoods with Reports of ICE Activity within Chicago:

community	n
LITTLE VILLAGE	98
CITY OF CICERO	95

community	n
BRIGHTON PARK	77
CITY OF EVANSTON	67
HUMBOLDT PARK	65
LOOP	61
BACK OF THE YARDS	57
ALBANY PARK	55
CITY OF ELGIN	55
LOGAN SQUARE	55
AURORA	54
GAGE PARK	50
PILSEN	50
BELMONT CRAGIN	49
NEAR WEST SIDE	46

Top 15 Neighborhoods with Confirmed True ICE Activity

community	report_status	n
CITY OF CICERO	Confirmed True	59
LITTLE VILLAGE	Confirmed True	46
BRIGHTON PARK	Confirmed True	44
CITY OF ELGIN	Confirmed True	28
HERMOSA	Confirmed True	27
BACK OF THE YARDS	Confirmed True	26
BELMONT CRAGIN	Confirmed True	23
HUMBOLDT PARK	Confirmed True	23
AURORA	Confirmed True	22
ALBANY PARK	Confirmed True	18
CITY OF EVANSTON	Confirmed True	18
WAUKEGAN	Confirmed True	18
CITY OF BERWYN	Confirmed True	17
GAGE PARK	Confirmed True	17
PILSEN	Confirmed True	17

Top 15 Neighborhoods with Confirmed False ICE Activity

community	report_status	n
CITY OF EVANSTON	Confirmed False	19
LITTLE VILLAGE	Confirmed False	17
UPTOWN	Confirmed False	15
UNSPEC CHI	Confirmed False	12
LOGAN SQUARE	Confirmed False	11
ALBANY PARK	Confirmed False	10
AURORA	Confirmed False	10
LOOP	Confirmed False	10
PILSEN	Confirmed False	9
HUMBOLDT PARK	Confirmed False	8
NEAR WEST SIDE	Confirmed False	8
VILLAGE OF SKOKIE	Confirmed False	8
LAKE VIEW	Confirmed False	7

community	report_status	n
BACK OF THE YARDS	Confirmed False	7
CITY OF BERWYN	Confirmed False	6