city of CINCINNATI

Cincinnati Fire Department

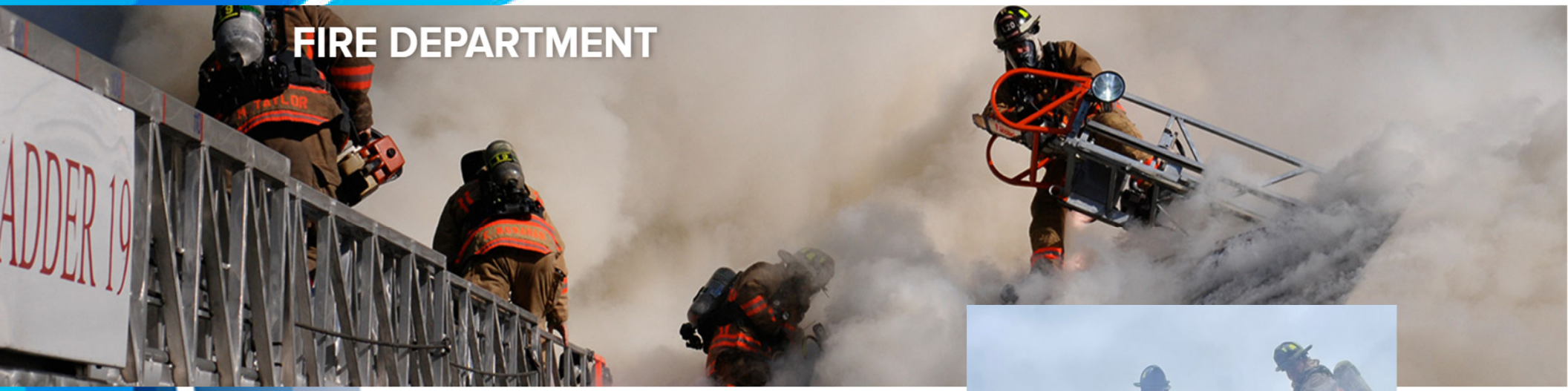
Neighborhood Fire & EMS Response

May 15, 2023

Steven A. Breitfelder
Fire Chief - Interim

city of CINCINNATI
FIRE & RESCUE

FIRE DEPARTMENT



CFD OPERATIONS

- **26** fire stations over 4 Districts
- **27** Paramedic Engine Companies
  - Including **Engine Co. 1** (*Reestablished 11/2022*)
- **12** Paramedic Ladder Companies

city of CINCINNATI

2022 CFD INCIDENTS

Avg First Response, # of Responses By Neighborhood

NEIGHBORHOOD	# of Incidents
WESTWOOD	7493
AVONDALE	5141
DOWNTOWN	4554
EAST PRICE HILL	4155
WEST PRICE HILL	3757
OVER-THE-RHINE	3683
WEST END	3334
COLLEGE HILL	3324
WALNUT HILLS	2955
MADISONVILLE	2767
CUF	2730
ROSELAWN	2616
OAKLEY	2131
MT. AIRY	2078
CLIFTON	1991
WINTON HILLS	1830
CORRYVILLE	1780
BOND HILL	1713
HARTWELL	1708
MT. WASHINGTON	1642
EVANSTON	1611
NORTHSIDE	1336
QUEENSGATE	1303
MT. AUBURN	1257
HYDE PARK	1205

Neighborhood: All

Date: 1/1/2022 – 12/31/2022

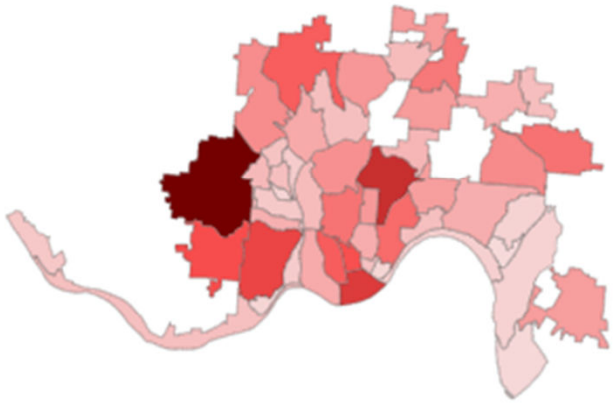
Working Groups: Multiple selections

Unit Name: All

# of Incidents

83.17K

Average First Response by Neighborhood



Average First Response by Problem Type

Group Types	# of Events
	40
ABDOMINAL PAIN / PROBLEMS	1927
ACCIDENT WITH INJURY	161
AIR CRAFT IN TROUBLE OR DOWN	2
ALLERGIES (REASTIONS) / ENVENOMATIONS (STINGS, BITES)	387
ANIMAL BITES / ATTACKS	67
ASSAULT / SEXUAL ASSAULT / STUN GUN	223
ASSAULT WITH INJURY	930
AUTO ACCIDENT - CAR HIT BUILDING	128
AUTOMATIC FIRE ALARM	4888
BACK PAIN (NON-TRAUMATIC OR NON-RECENT TRAUMA)	691
BIOLOGICAL/CHEMCIAL THREAT	3
BOMB REMOVAL	11
BREATHING PROBLEMS	6848
Total	83167

At **7,493** incidents, **Westwood** accounts for **9%** of the City's total

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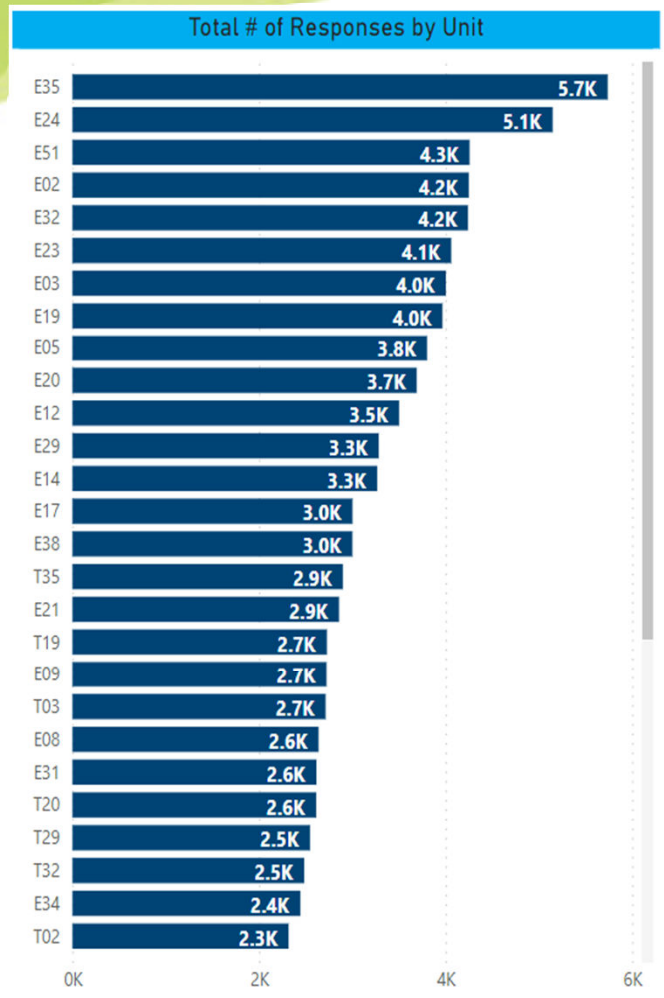
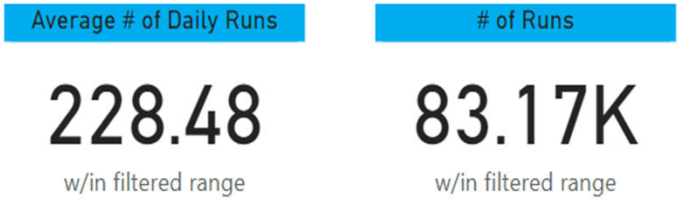
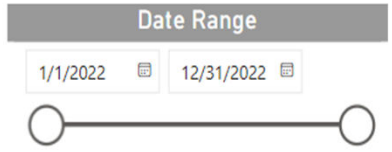
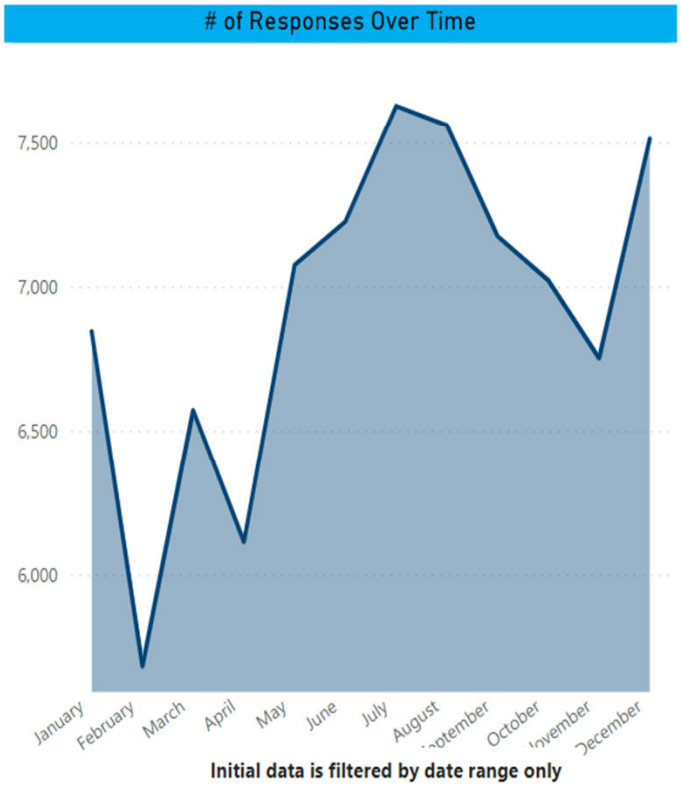
2022 CFD CO. DISPATCHES









Unit Da

Unit Name	# of Runs	Daily Average
E35	5739	15.77
E24	5149	14.15
E51	4258	11.70
E02	4249	11.67
E32	4241	11.65
E23	4061	11.16
E03	4004	11.00
E19	3967	10.90
E05	3802	10.45
E20	3691	10.14
E12	3502	9.62
E29	3284	9.02
E14	3267	8.98
E17	3002	8.25
E38	3001	8.24
T35	2899	7.96
E21	2858	7.85
T19	2728	7.49
E09	2724	7.48
T03	2714	7.46
E08	2638	7.25
Total	83166	228.48

With just over 2 months in service at the end of 2022 to supplement **Engine 35**:
Engine 235 (1 week) – **115** responses | **Engine 1** (2 months) - **576** responses

city of CINCINNATI

2022 CFD CO. DISPATCHES

CFD responded to over **83,167** incidents in 2022

Citywide CFD Fire Company Response
Median - **2721** incidents | Mean - **2832** incidents

E35 (5,739) **+ E01** (576) + **E235** (115) responded to **6,430** incidents
7.7% of the City's total

E24 responded to **5,149** incidents
6.2% of the City's total

city of CINCINNATI

2022 CFD CO. RESPONSE

Date Range

1/1/2022 — 12/31/2022

# of Runs

66.30K

w/in filtered range

Average # of Daily Runs

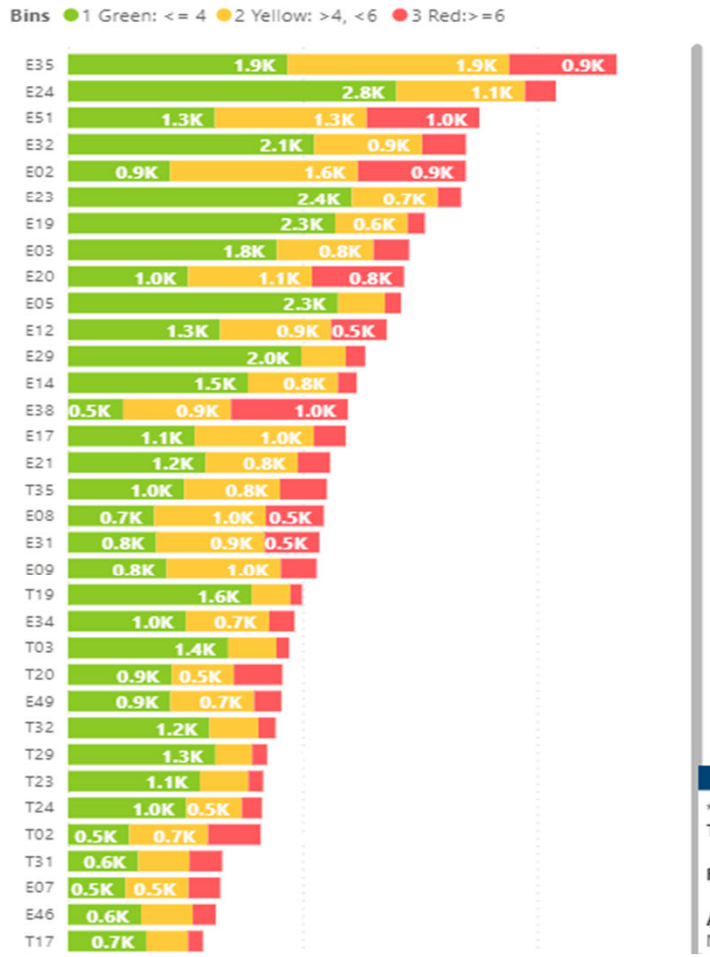
182.15

w/in filtered range

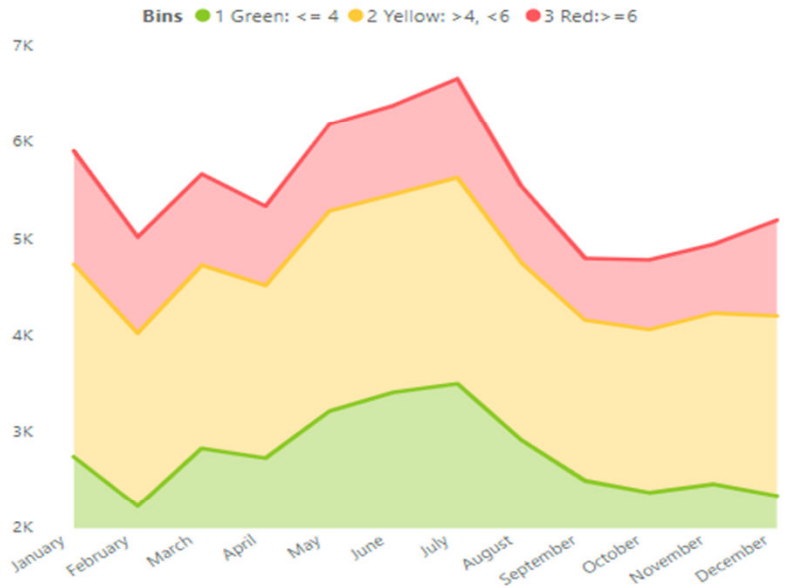
Average First Response

4.47

Total # of Responses by Unit



# of Responses Over Time



Unit Data

Unit Name	# of Runs	Daily Avg	Avg Response Time
E209	6	0.0	5.7
E14B	10	0.0	11.9
E235	85	0.2	5.2
T18	386	1.1	5.3
E01	420	1.2	5.6
E50	477	1.3	4.1
E18	607	1.7	6.2
E37	724	2.0	4.7
T17	1151	3.2	4.1
E46	1260	3.5	4.4
E07	1299	3.6	5.1
T31	1315	3.6	4.7
T02	1643	4.5	5.4
T24	1653	4.5	4.1
T23	1664	4.6	3.9
T29	1698	4.7	3.6
T32	1770	4.9	3.9
E49	1820	5.0	4.4
T20	1828	5.0	4.7
T03	1886	5.2	3.5
Total	**66303**	**182.2**	**4.5**

Note

dashboard under construction, small discrepancy between City Responses and this tab
This data is filtered! ----------If the first response time is less than 0, it is excluded from this analysis.

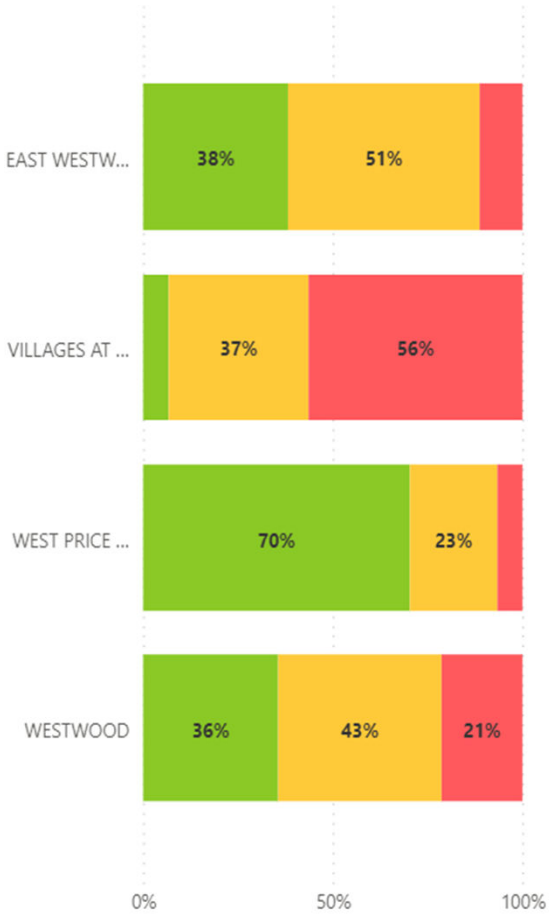
First Response Time: [Time_First_Unit_Arrived]-[Time_First_Unit_Assigned]

Additional Exclusions: Neighborhoods that aren't in one of the 52 SNA neighborhoods, if the problem is is Mutual, Mutual Aid Fire, Mutual Aid Medic, it is excluded from this analysis. Any unit labeled as Hamilton County, ZB, UC, Station, or SOC has also been excluded

city of CINCINNATI

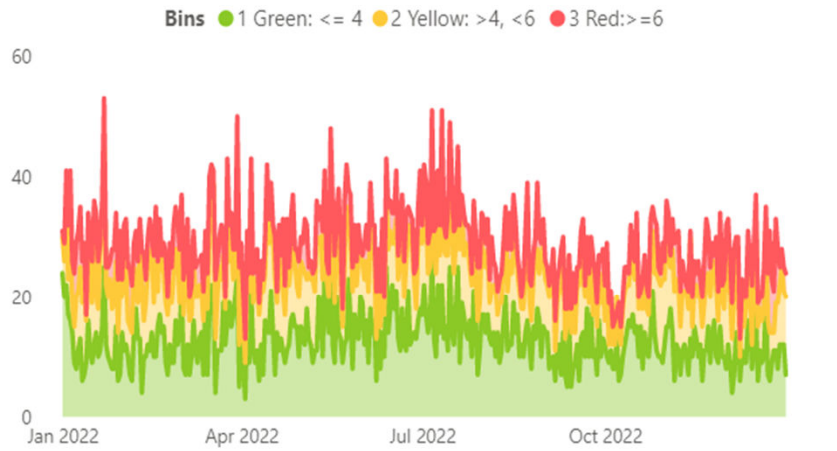
2022 CFD CO. RESPONSE

Neighborhood Response Breakdown

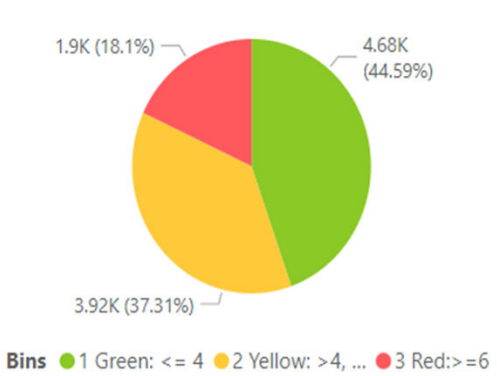


Bins ● 1 Green: <= 4 ● 2 Yellow: >4, <6 ● 3 Red:>=6

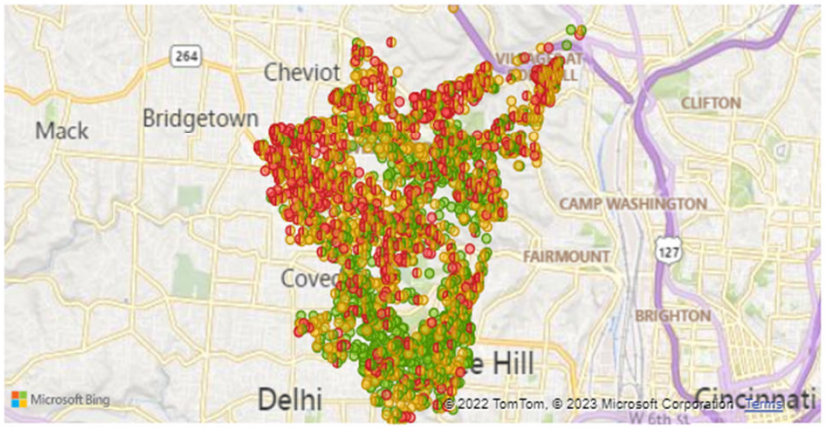
of Responses by Length of Response



Response Breakdown



Incident Response Map



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First Response Time: [Time_First_Unit_Arrived]-[Time_First_Unit_Assigned]

Additional Exclusions:

- Neighborhoods that aren't in one of the 52 SNA neighborhoods
- if the problem is is Mutual, Mutual Aid Fire, Mutual Aid Medic, it is excluded from this analysis.
- ST (staging) status, DETAIL, FIRE DRILL, FTRACC, Leaking Hydrant, High Risk Search Warrant, Information Teletype, Test and SWAT

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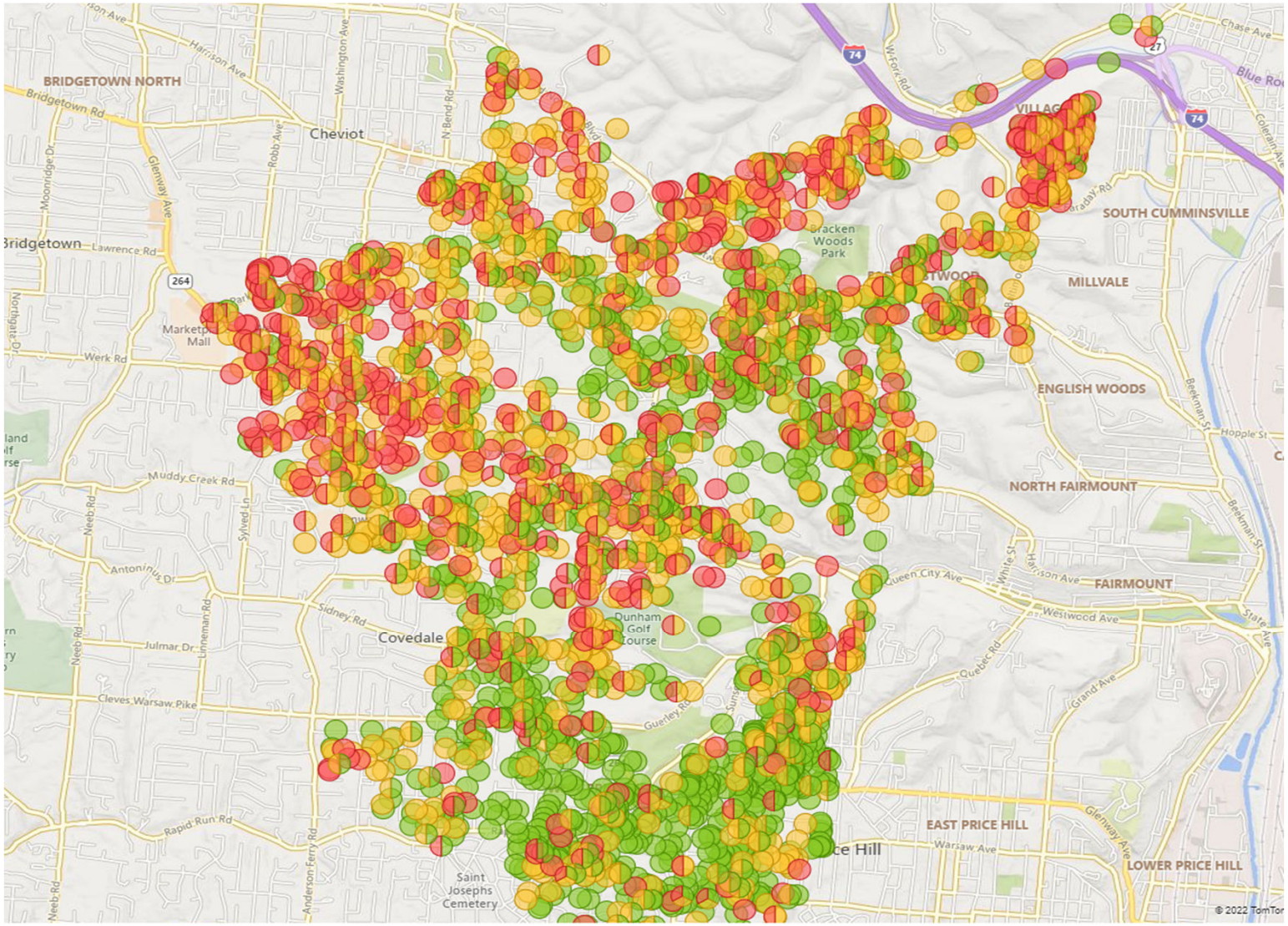
2022 CFD CO. RESPONSE

FOCUS AREA MAP - WESTWOOD



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E35 & E24 SERVICE AREA

Key neighborhoods whose response is affected by incident volume:

- East Westwood
- Villages at Roll Hill
- West Price Hill
- Westwood

Using historical incident data from 2017 to present and CAGIS drive-time data, we can see the impact to these neighborhoods historically.

Using the same data, we can reimagine incident distribution with an additional fire company providing relief to the existing fire companies in the area and improving response time to the affected neighborhoods.

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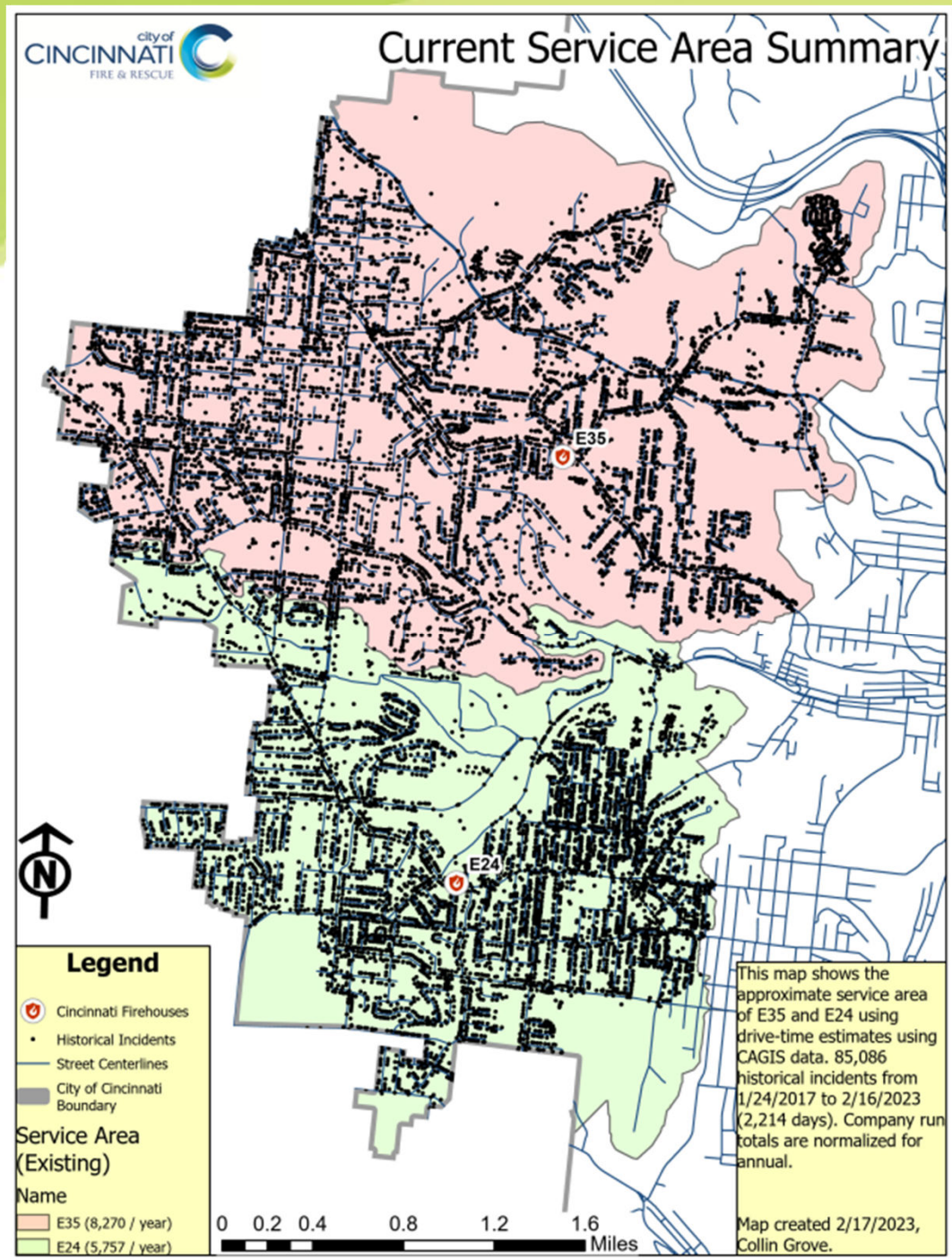
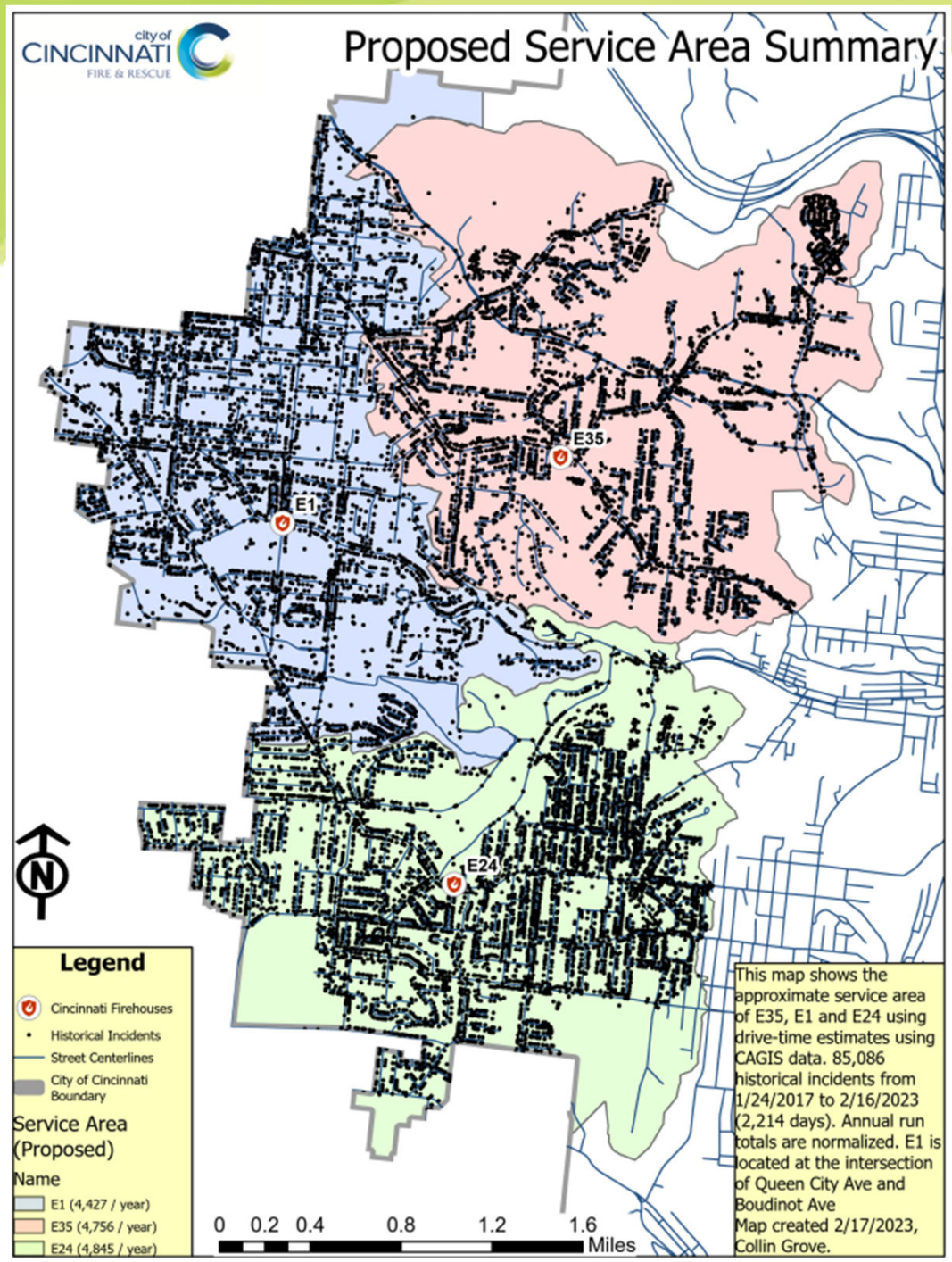


E35 & E24

Current Service Area

- E35 – 8,270 / year
- E24 – 5,757 / year



E35, E24 & *E01

Proposed Service Area

- E35 – 4,756 / year
- E24 – 4,845 / year
- E01 – 4,427 / year

***E01** located at intersection:
Queen City Av & Boudinot Av

city of CINCINNATI

QUESTION & ANSWERS

???

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https://www.cincinnati-oh.gov/fire/

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