



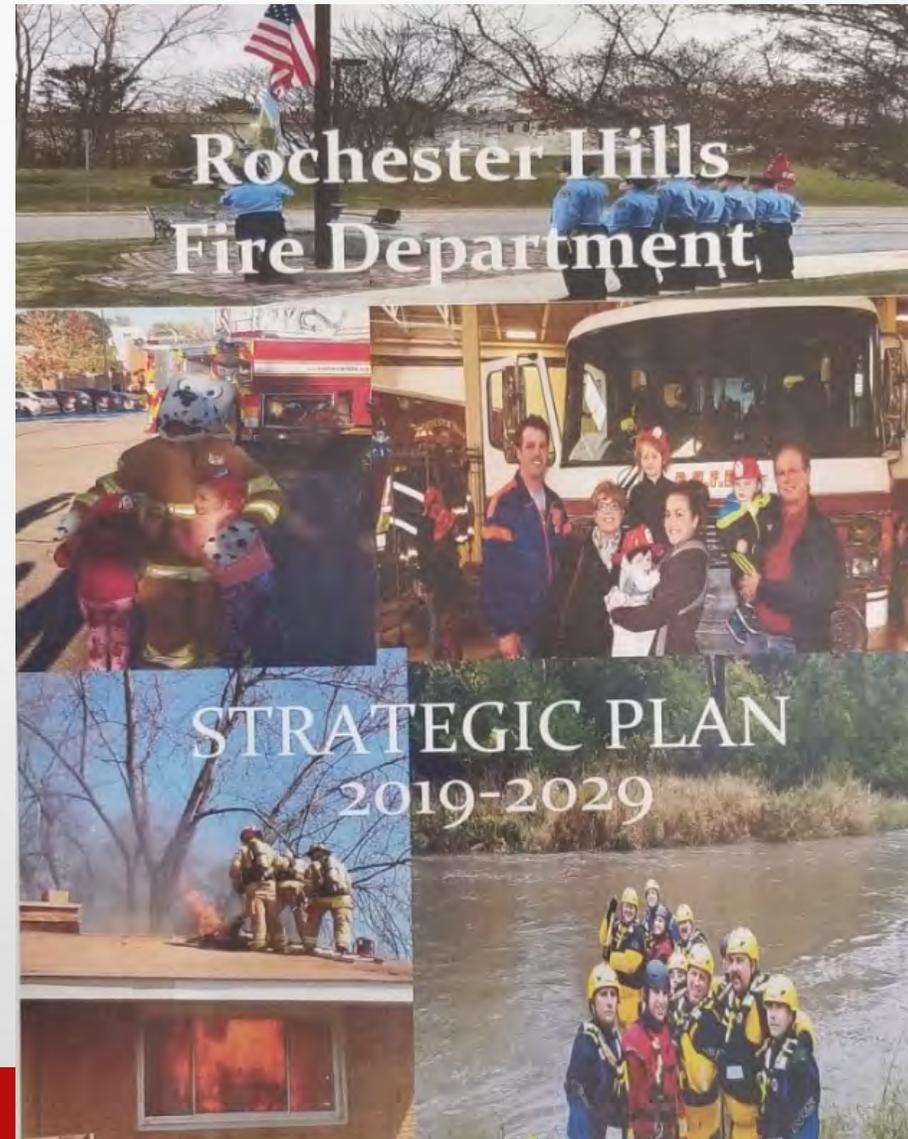
# ROCHESTER HILLS FIRE DEPARTMENT

COMMUNITY RISK ASSESSMENT UPDATE

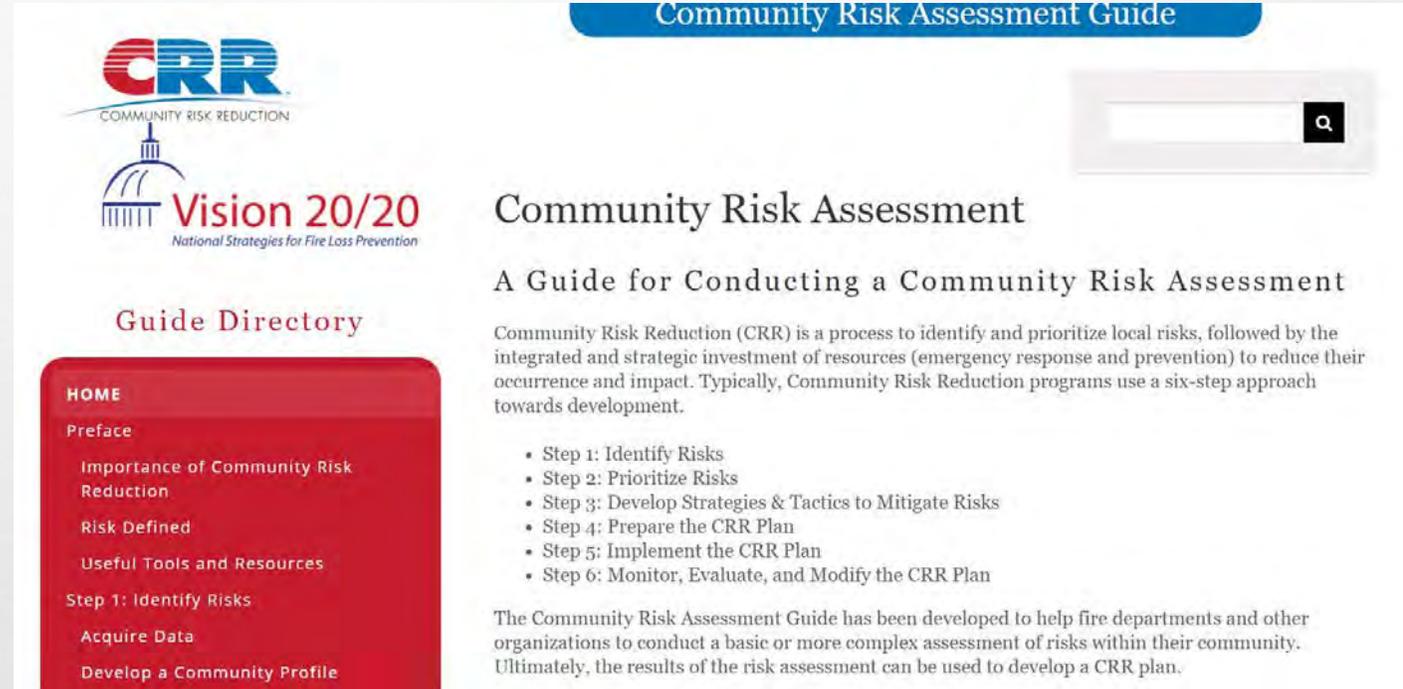
JULY 12, 2021



# FIRE DEPARTMENT STRATEGIC PLAN



# WHAT IS A COMMUNITY RISK ASSESSMENT



**Community Risk Assessment Guide**

**CRR**  
COMMUNITY RISK REDUCTION

**Vision 20/20**  
National Strategies for Fire Loss Prevention

**Guide Directory**

- HOME
- Preface
- Importance of Community Risk Reduction
- Risk Defined
- Useful Tools and Resources
- Step 1: Identify Risks
  - Acquire Data
  - Develop a Community Profile

**Community Risk Assessment**

**A Guide for Conducting a Community Risk Assessment**

Community Risk Reduction (CRR) is a process to identify and prioritize local risks, followed by the integrated and strategic investment of resources (emergency response and prevention) to reduce their occurrence and impact. Typically, Community Risk Reduction programs use a six-step approach towards development.

- Step 1: Identify Risks
- Step 2: Prioritize Risks
- Step 3: Develop Strategies & Tactics to Mitigate Risks
- Step 4: Prepare the CRR Plan
- Step 5: Implement the CRR Plan
- Step 6: Monitor, Evaluate, and Modify the CRR Plan

The Community Risk Assessment Guide has been developed to help fire departments and other organizations to conduct a basic or more complex assessment of risks within their community. Ultimately, the results of the risk assessment can be used to develop a CRR plan.



NFPA

NATIONAL  
FIRE  
PROTECTION  
ASSOCIATION

NFPA

1300



# CRA DATA

- DEMOGRAPHICS
- HOUSING STOCK
- ECONOMIC

## 2020 Calendar

January						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

March						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

May						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

July						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

August						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

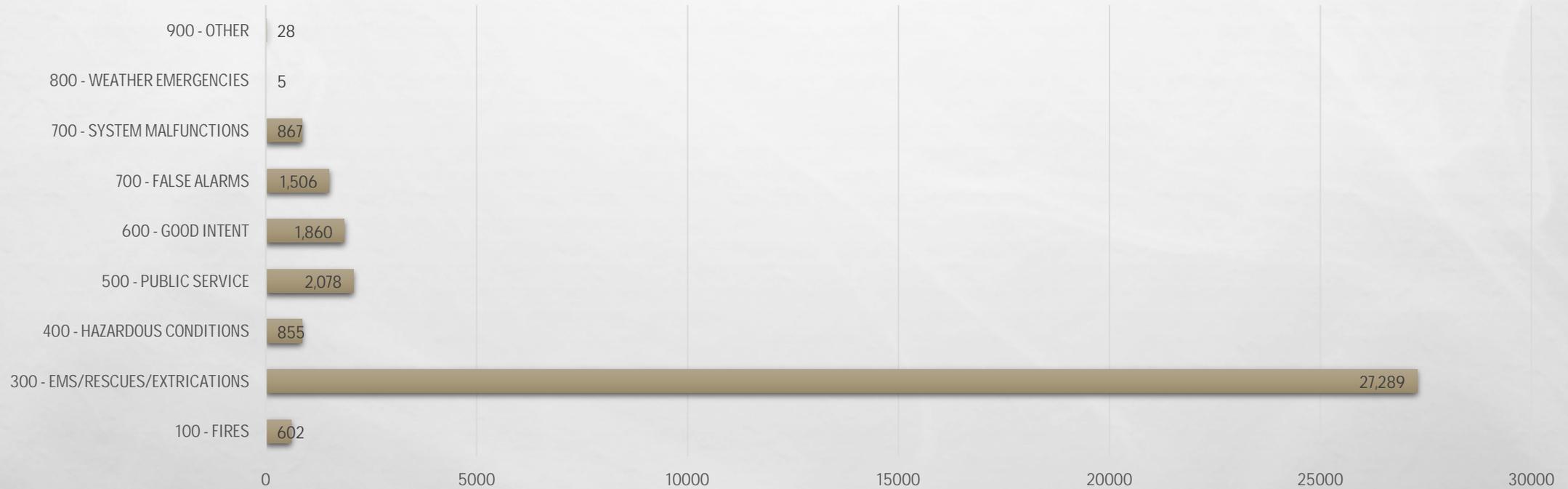
October						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

# RHFD – INCIDENT TYPE CHART

NFIRS Incident Type Series Total Incidents 2015-2019



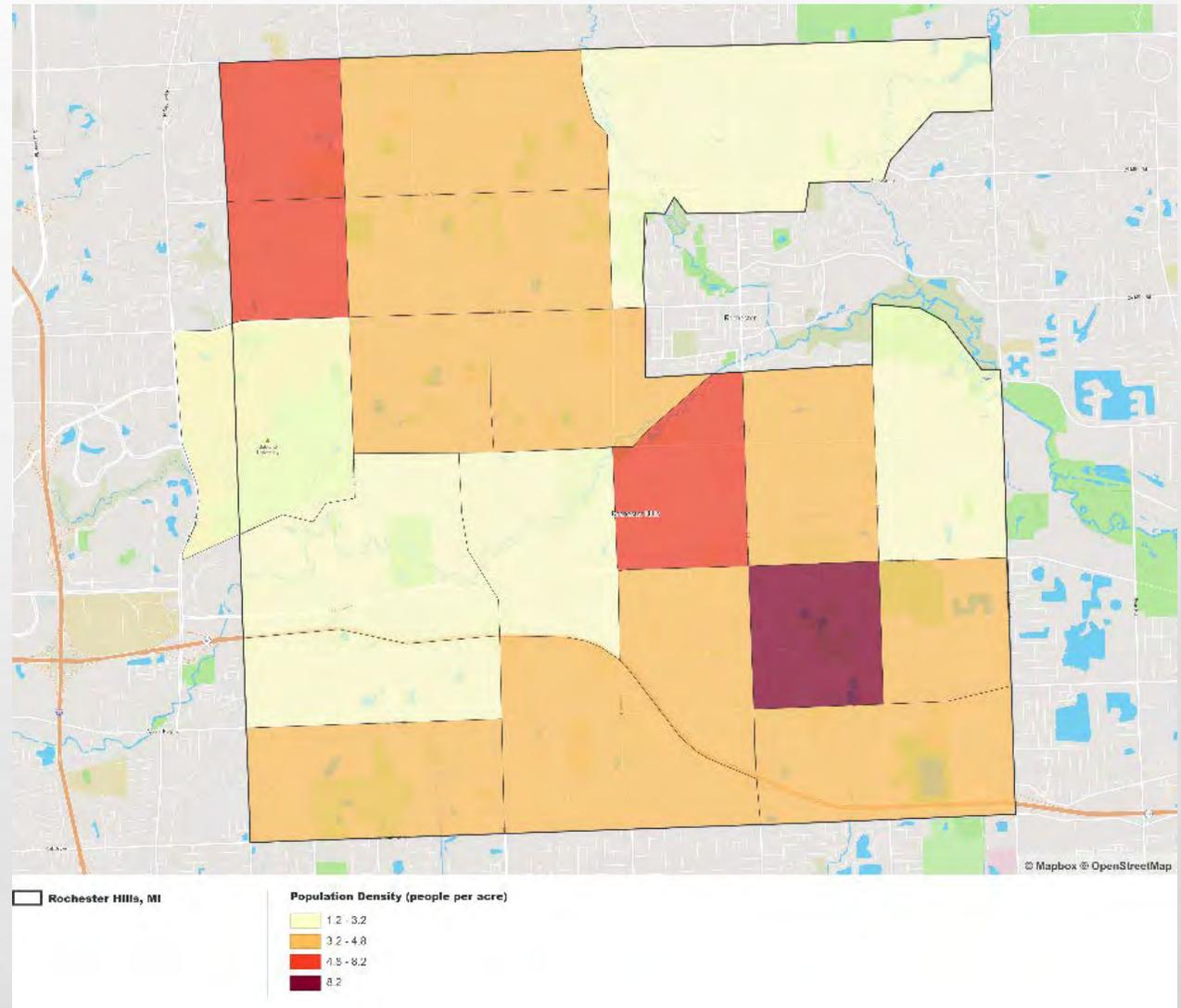
# RHFD – POPULATION TABLE

	2010	2020	% Difference
SE Michigan	4,704,809	4,751,646	1.0%
Oakland County	1,202,362	1,257,461	4.7%
Rochester Hills	70,995	75,013	5.7%

# NFPA PILOT PROGRAM

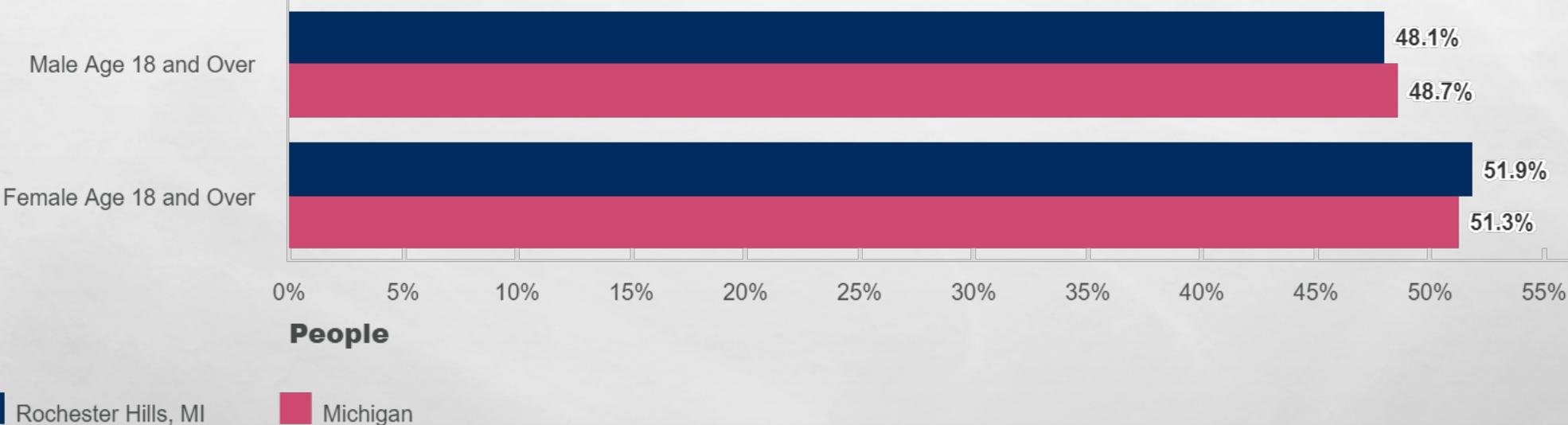


# NFPA – POPULATION DENSITY MAP

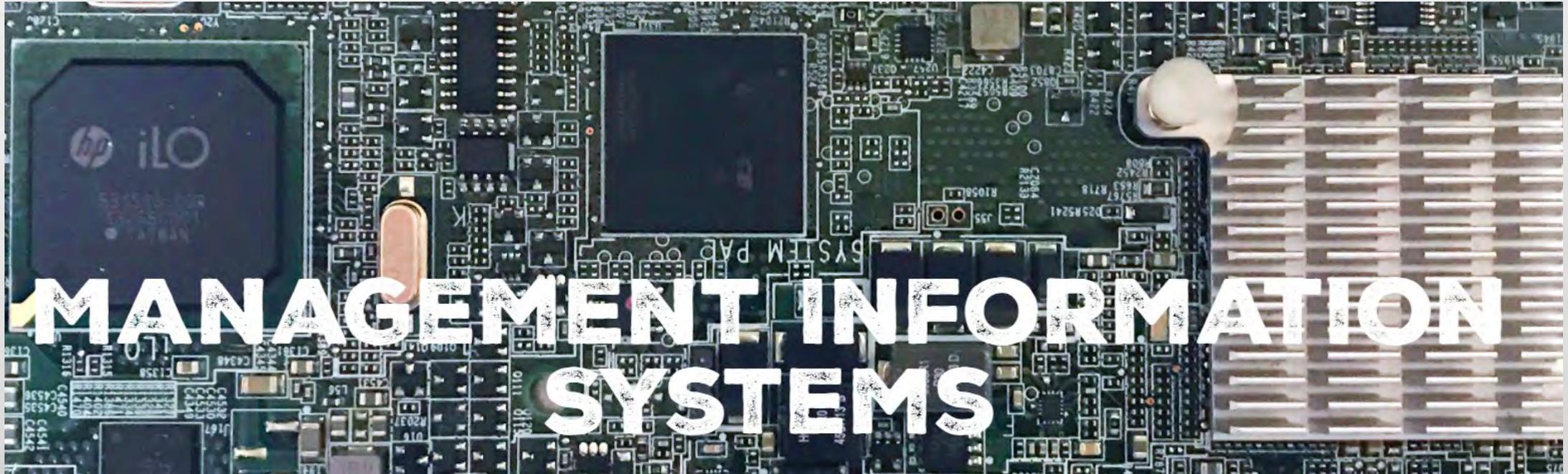


# NFPA CREATED – POPULATION TABLE

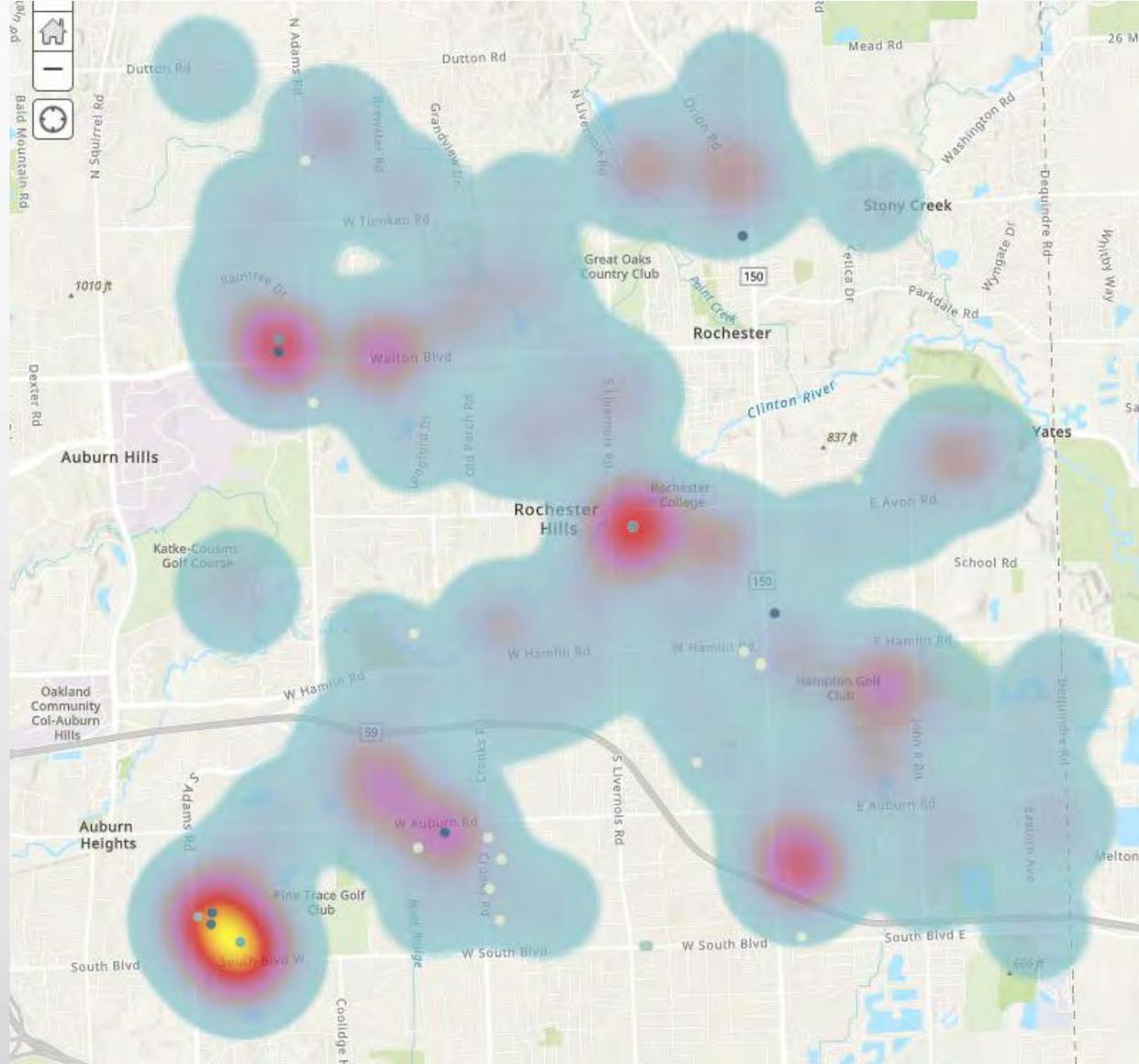
Population over 18, by Gender



# ROCHESTER HILLS MIS DEPARTMENT



# MIS - HEAT MAP



With the Fire Incident Dashboard service calls throughout the entire district can be monitored and analyzed.

Adjust the filters or current map extent to refine the results

Response District  
No Selection

Incident Category  
Injury Accident

Incident Type  
No Selection

Shift  
No Selection

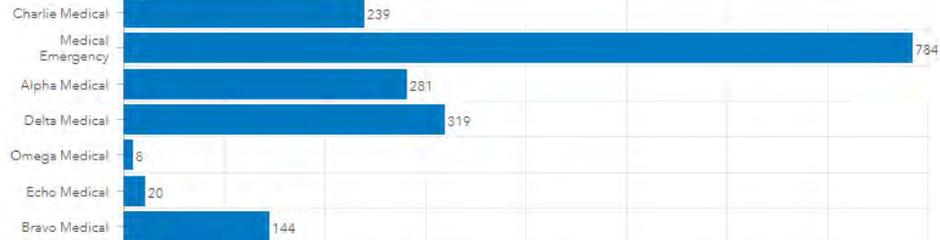
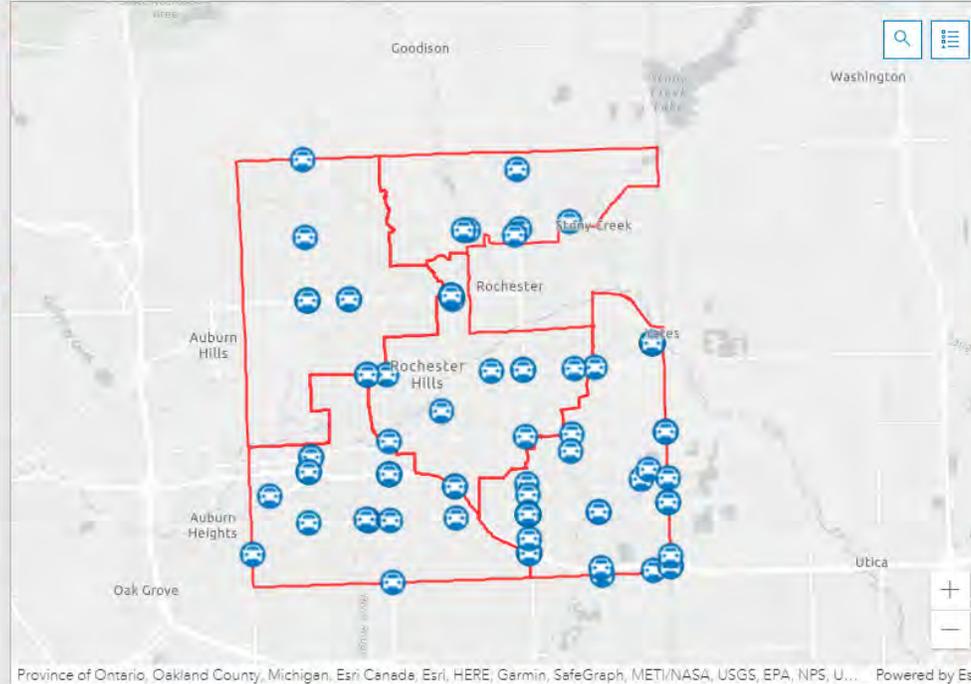
Days of the Week  
No Selection

Call Volume During Past 24hr



Incident Feed

- ROH Injury Accident**  
 Dequindre Rd & Melville, Rochester Hills  
 ① Inc #210003545 🕒 Arrival
- ROH Injury Accident**  
 Dequindre Rd & E Auburn Rd, Rochester Hills  
 ① Inc #210003541 🕒 Clear
- ROH Injury Accident**  
 2300 W Auburn Rd, Rochester Hills  
 ① Inc #210003528 🕒 Clear
- ROH Injury Accident**  
 E Auburn Rd & S Rochester Rd, Rochester Hills  
 ① Inc #210003488 🕒 Clear
- ROH Injury Accident**  
 Dequindre Rd & E Avon Rd, Rochester Hills  
 ① Inc #210003470 🕒 Clear
- ROH Injury Accident**



By Medical Type | By Station | By Shift | By Month | By Day | By Hour

Average Turnout Time (sec)



NFFPA Standard: 80 sec

Average Travel Time (min)



NFFPA Standard: 8 min

Average Total Response Time (min)



NFFPA Standard: 9 min, 20 sec

Incident Feed

**ROH Injury Accident**  
Unit(s) Assigned: 30BAT1 30A21 30A22  
🕒 Inc #210003545 🕒 Arrival

Dequindre Rd & Melville 1h ago

**ROH Alpha Medical**  
Unit(s) Assigned: 30A23  
🕒 Inc #210003544 🕒 Clear

2082 Reagan Dr 1h ago

**ROH Medical Emergency**  
Unit(s) Assigned: 30A22  
🕒 Inc #210003543 🕒 Clear

252 Meadowfield Dr 1h ago

**ROH Medical Emergency**  
Unit(s) Assigned: 30A21  
🕒 Inc #210003542 🕒 Clear

1775 S Rochester Rd 2h ago

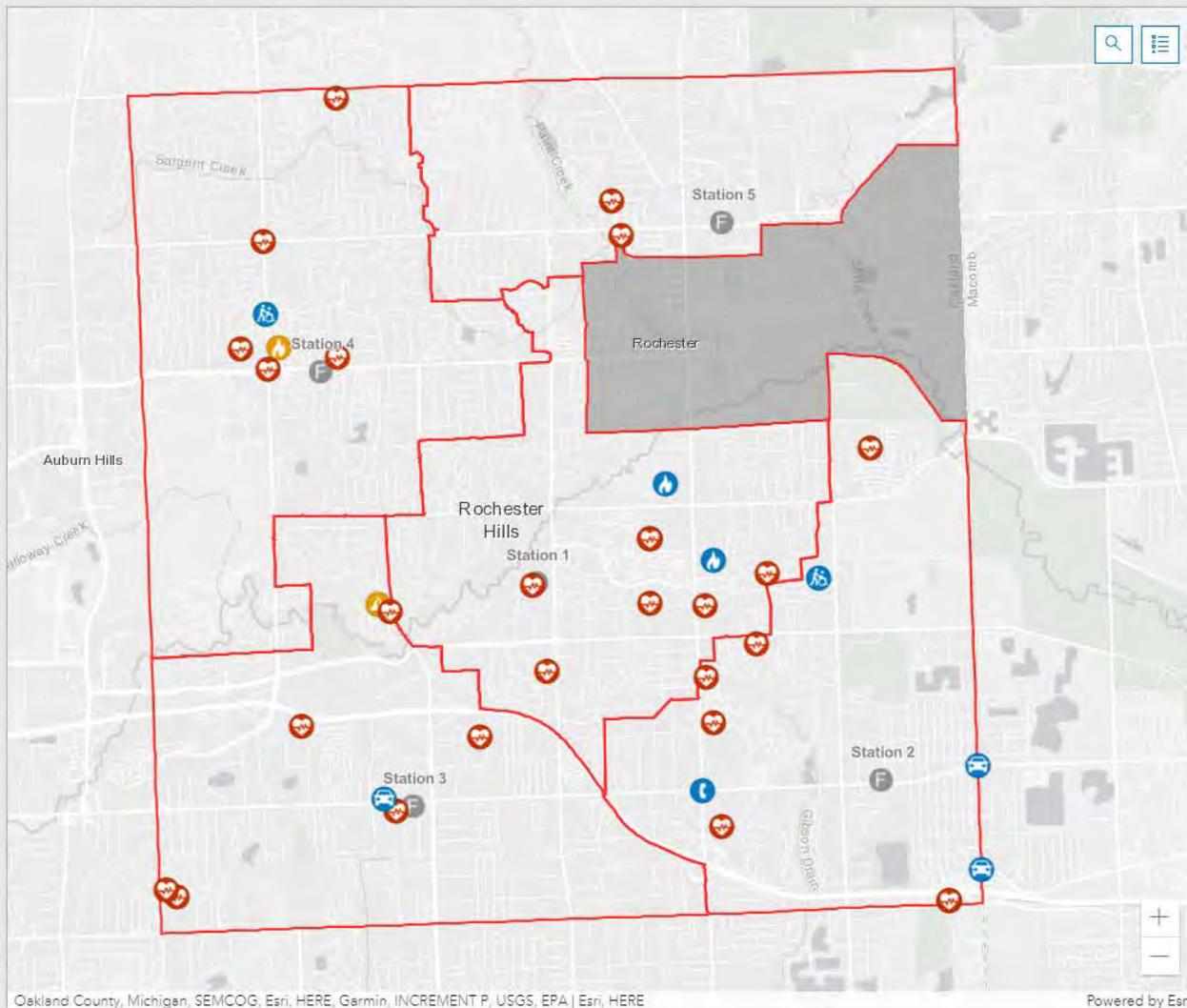
**ROH Injury Accident**  
Unit(s) Assigned: 30BAT1 30A22 30A23  
🕒 Inc #210003541 🕒 Clear

Dequindre Rd & E Auburn Rd 2h ago

**ROH Lift Assist**  
Unit(s) Assigned: 30A22 30A25  
🕒 Inc #210003540 🕒 Clear

1642 Arcadian Dr 2h ago

**ROH Medical Emergency**  
Unit(s) Assigned: 30A21



Incident Details



# SUMMARY



**QUESTIONS FOR THE FIRE DEPARTMENT???**

# WE ARE HERE FOR YOU...

AS ALWAYS, IF YOU HAVE ANY QUESTIONS FOR US AFTER THIS PRESENTATION, YOU CAN ALWAYS REACH OUT TO US.

