



Fire Station Location Analysis

Aurora Fire Department

2021





Definitions	1
Definitions	2
Demographics	3
Demographic Overview	4
Demographic - TRA	5
Demographic - AoR 1	6
Demographic - AoR 3	7
Demographic - AoR 4	8
Demographic - AoR 5	9
Demographic - AoR 7	10
Demographic - AoR 8	11
Demographic - AoR 9	12
Demographic - AoR 10	13
Demographic - AoR 12	14
Service Area	15
Service Area Overview	16
Area Served by Drive Times - TRA	17
4 min and 8 min Drive Times - TRA	18
4 min and 8 min Drive Times - AoR 1	19
Streets Covered by Drive Times - TRA	20
Area Served by Drive Times - AoR 1	21
Streets Covered by Drive Times - AoR 1	22
TRA Coverage - AoR 1	23
Area Served by Drive Times - AoR 3	24
4 min and 8 min Drive Times - AoR 3	25
Streets Covered by Drive Times - AoR 3	26
TRA Coverage - AoR 3	27
Area Served by Drive Times - AoR 4	28
4 min and 8 min Drive Times - AoR 4	29
Streets Covered by Drive Times - AoR 4	30
TRA Coverage - AoR 4	31





Service Area

Area Served by Drive Times - AoR 5	32
4 min and 8 min Drive Times - AoR 5	33
Streets Covered by Drive Times - AoR 5	34
TRA Coverage - AoR 5	35
Area Served by Drive Times - AoR 7	36
4 min and 8 min Drive Times - AoR 7	37
Streets Covered by Drive Times - AoR 7	38
TRA Coverage - AoR 7	39
Area Served by Drive Times - AoR 8	40
4 min and 8 min Drive Times - AoR 8	41
Streets Covered by Drive Times - AoR 8	42
TRA Coverage - AoR 8	43
Area Served by Drive Times - AoR 9	44
4 min and 8 min Drive Times - AoR 9	45
Streets Covered by Drive Times - AoR 9	46
TRA Coverage - AoR 9	47
Area Served by Drive Times - AoR 10	48
4 min and 8 min Drive Times - AoR 10	49
Streets Covered by Drive Times - AoR 10	50
TRA Coverage - AoR 10	51
Area Served by Drive Times - AoR 12	52
4 min and 8 min Drive Times - AoR 12	53
Streets Covered by Drive Times - AoR 12	54
TRA Coverage - AoR 12	55

Study Incidents

	56
All Incidents	57
Inside TRA Incidents	58
Outside TRA Incidents	59
NFIRS Group - 0	60
NFIRS Group - 100	61
NFIRS Group - 200	62





Study Incidents

NFIRS Group - 300	63
NFIRS Group - 400	64
NFIRS Group - 500	65
NFIRS Group - 600	66
NFIRS Group - 700	67
NFIRS Group - 800	68
NFIRS Group - 900	69

Incidents by NFIRS Code

TRA	71
AoR 1	72
AoR 3	73
AoR 4	74
AoR 5	75
AoR 7	76
AoR 8	77
AoR 9	78
AoR 10	79
AoR 12	80

Incidents Hotspots

NFIRS Group 100 - 900	82
NFIRS Group 100	83
NFIRS Group 200	84
NFIRS Group 300	85
NFIRS Group 400	86
NFIRS Group 500	87
NFIRS Group 600	88
NFIRS Group 700	89
NFIRS Group 800	90
NFIRS Group 900	91





Service Area Performance	92
Incidents & Streets by Drive Time - TRA	93
Incidents - TRA	94
Response Times - TRA	95
Response Times by Year - TRA	96
ERF - TRA	97
Incidents & Streets by Drive Time - AoR 1	98
Incidents - AoR 1	99
Response Times - AoR 1	100
Response Times by Year - AoR 1	101
ERF - AoR 1	102
Incidents & Streets by Drive Time - AoR 3	103
Incidents - AoR 3	104
Response Times - AoR 3	105
Response Times by Year - AoR 3	106
ERF - AoR 3	107
Incidents & Streets by Drive Time - AoR 4	108
Incidents - AoR 4	109
Response Times - AoR 4	110
Response Times by Year - AoR 4	111
ERF - AoR 4	112
Incidents & Streets by Drive Time - AoR 5	113
Incidents - AoR 5	114
Response Times - AoR 5	115
Response Times by Year - AoR 5	116
ERF - AoR 5	117
Incidents & Streets by Drive Time - AoR 7	118
Incidents - AoR 7	119
Response Times - AoR 7	120
Response Times by Year - AoR 7	121
ERF - AoR 7	122





Service Area Performance	
Incidents & Streets by Drive Time - AoR 8	123
Incidents - AoR 8	124
Response Times - AoR 8	125
Response Times by Year - AoR 8	126
ERF - AoR 8	127
Incidents & Streets by Drive Time - AoR 9	128
Incidents - AoR 9	129
Response Times - AoR 9	130
Response Times by Year - AoR 9	131
ERF - AoR 9	132
Incidents & Streets by Drive Time - AoR 10	133
Incidents - AoR 10	134
Response Times - AoR 10	135
Response Times by Year - AoR 10	136
ERF - AoR 10	137
Incidents & Streets by Drive Time - AoR 12	138
Incidents - AoR 12	139
Response Times - AoR 12	140
Response Times by Year - AoR 12	141
ERF - AoR 12	142
Ideal Stations	143
8 Stations	144
9 Stations	145
10 Stations	146
Stations Locations Impact	147
Proposed Stations Location	148
Station 4 - Relocation / Ideal Location	149
Station 4 - Catchment Comparison	150
Station 4 - 4 Minute Catchment Incidents	151





Stations Locations Impact

Station 4 - Area of Responsibility (AoR)	152
Station 4 - Response Times	153
Station 9 - Relocation / Ideal Location	154
Station 9 - Catchment Comparison	155
Station 9 - 4 Minute Catchment Incidents	156
Station 9 - Area of Responsibility (AoR)	157
Station 9 - Response Times	158
Station 13 - New / Ideal Location	159
Station 13 - Catchment Comparison	160
Station 13 - 4 Minute Catchment Incidents	161
Station 13 - Area of Responsibility (AoR)	162
Station 13 - Response Times	163
Area Served by Drive Time Comparison	164
4 min and 8 min Drive Times Comparison	165





Definitions





All Incidents: All incidents regardless of NFIRS group codes.

AOR: Area of Responsibility.

AW: Area workload is the percentage of a given time frame in which there is a demand for service within a station's AoR.

Catchment: A geographical area based on travel time.

Coverage: A geographical area within which a fire station(s) provides services.

Drive Time: The time measured from fire company en-route to fire company on scene.

EMS Incidents: Incidents in the NFIRS group codes 300's.

ERF: The acronym for Effective Response Force and is the minimum number of personnel and equipment needed to effectively mitigate an incident.

Fire Incidents: Incidents in the NFIRS group codes 100's.

Historical: Incidents that have happened in the past. Data that has been collected in the past.

Hotspot: A representation of an area with a statistical higher density than its surrounding area.

Other Incidents: Incidents in the NFIRS group codes 200's, and 400's through 900's.

Projected: The results that may happen in the future based on analysis.

Response Time: The time measured from fire company notification to fire company on scene.

Service Area: A geographical area where service is provided or demanded.

TRA: The complete geographical area in which a fire agency is responsible to provide service.





Demographic Overview

- Demographic - TRA
- Demographic - AoR 1
- Demographic - AoR 3
- Demographic - AoR 4
- Demographic - AoR 5
- Demographic - AoR 7
- Demographic - AoR 8
- Demographic - AoR 9
- Demographic - AoR 10
- Demographic - AoR 12



Demographics Overview



The following demographic data is provided using Esri's demographic estimates for popular variables including: 2020 Total Population, 2020 Household Population, 2020 Median Age, 2020 Median Household Income, 2020 Per Capita Income, 2020 Diversity index and many more. Data is available from country, state, county, ZIP Code, tract, and block group level.



**TOTAL
POPULATION**



**TOTAL
HOUSEHOLDS**



**> 65 YEARS
OF AGE**



**< 5 YEARS OF
AGE**

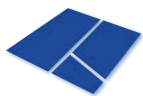
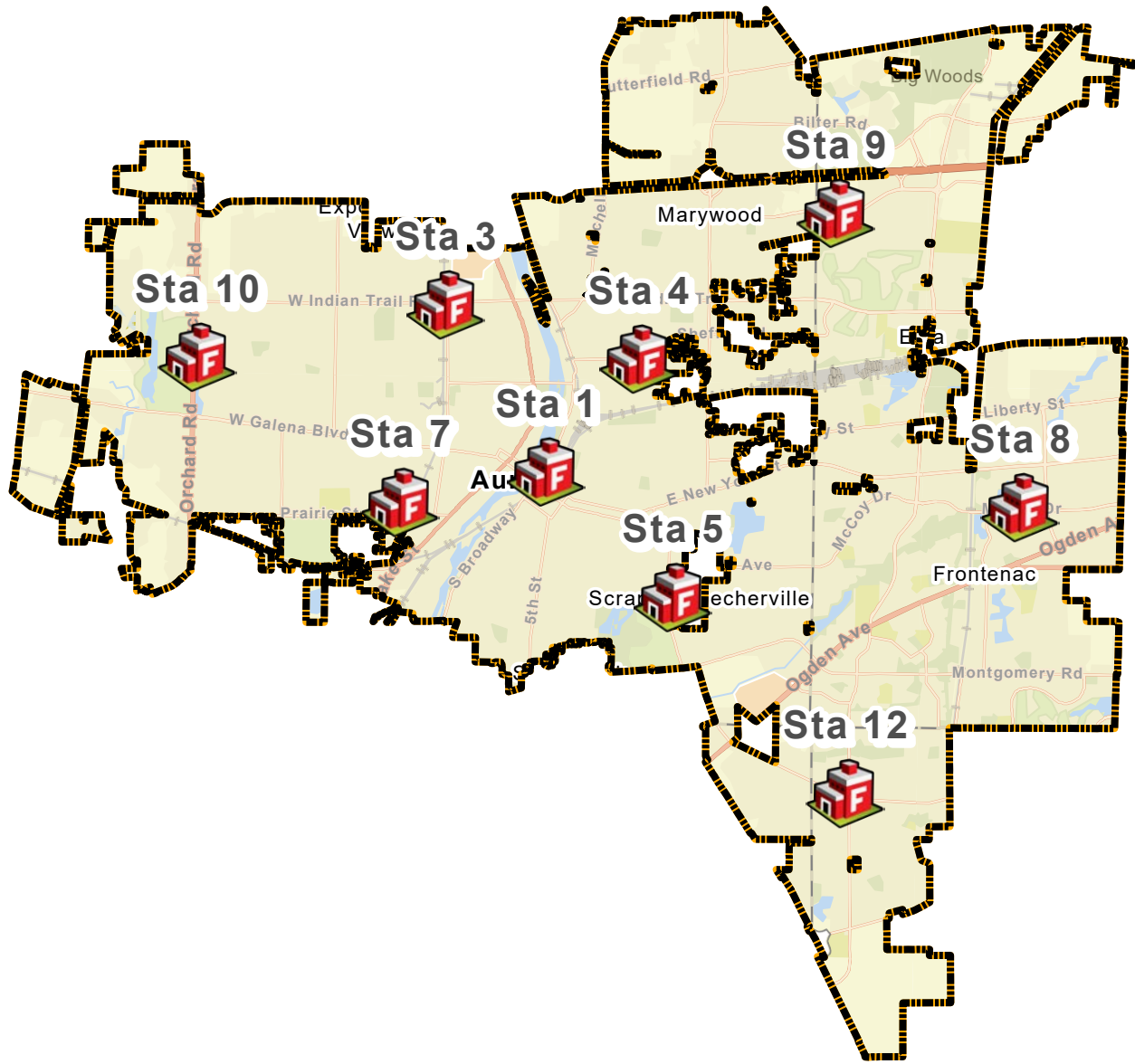


**MEDIAN
INCOME**

	TOTAL POPULATION	TOTAL HOUSEHOLDS	> 65 YEARS OF AGE	< 5 YEARS OF AGE	MEDIAN INCOME
TRA	203,372	64,358	18,893	16,384	\$75,173
AoR 1	26,818	7,219	2,129	2,543	\$47,446
AoR 3	16,845	4,997	1,510	1,386	\$55,512
AoR 4	23,480	6,282	2,069	2,086	\$56,596
AoR 5	27,680	8,315	2,364	2,482	\$58,300
AoR 7	13,812	4,282	1,777	939	\$66,765
AoR 8	30,570	11,293	2,111	2,169	\$103,375
AoR 9	20,598	7,914	2,703	1,405	\$99,240
AoR 10	16,160	5,594	2,728	936	\$79,771
AoR 12	27,410	8,462	1,501	2,438	\$104,430

The TRA stats are for the complete agency while the AoR stats are a part of the whole TRA.





47.9

AREA IN SQUARE MILES



203,372

TOTAL POPULATION



64,358

TOTAL HOUSEHOLDS



18,893

OVER 65 YEARS OF AGE



16,384

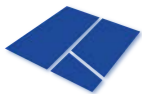
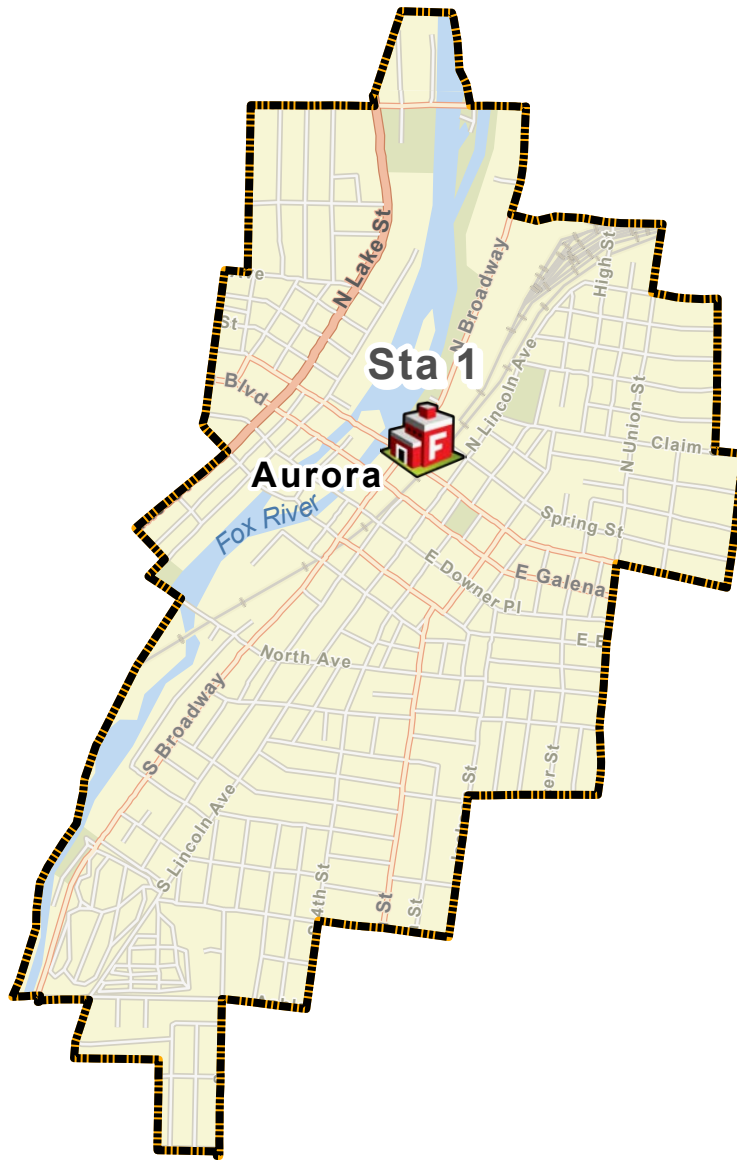
UNDER 5 YEARS OF AGE



\$75,173

MEDIAN INCOME





2.6

AREA IN SQUARE MILES



26,818

TOTAL POPULATION



7,219

TOTAL HOUSEHOLDS



2,129

OVER 65 YEARS OF AGE



2,543

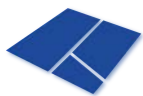
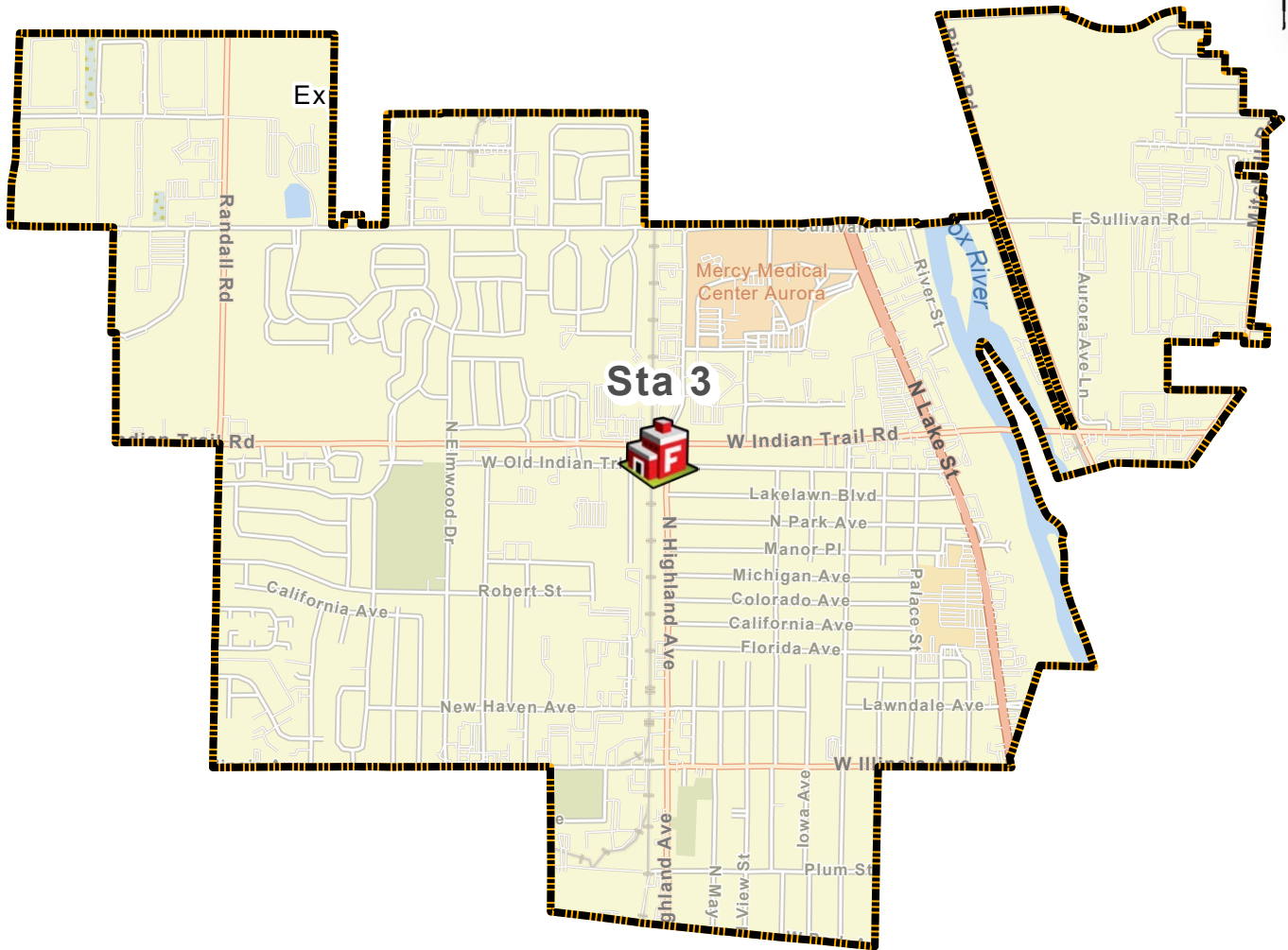
UNDER 5 YEARS OF AGE



\$47,446

MEDIAN INCOME





3.9

AREA IN SQUARE MILES



16,845

TOTAL POPULATION



4,997

TOTAL HOUSEHOLDS



1,510

OVER 65 YEARS OF AGE



1,386

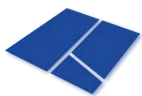
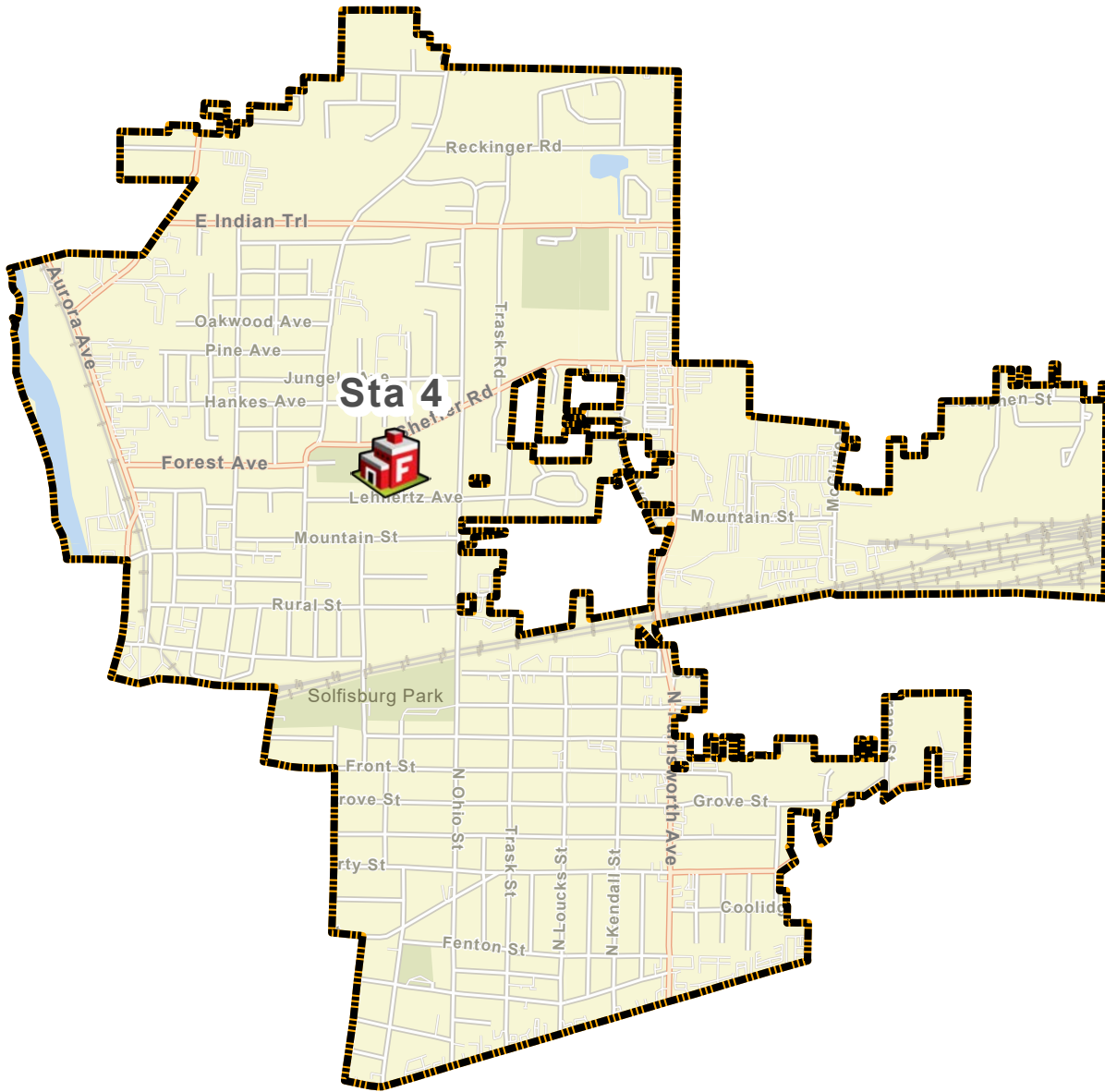
UNDER 5 YEARS OF AGE



\$55,512

MEDIAN INCOME





3.1

AREA IN SQUARE MILES



23,480

TOTAL POPULATION



6,282

TOTAL HOUSEHOLDS



2,069

OVER 65 YEARS OF AGE



2,086

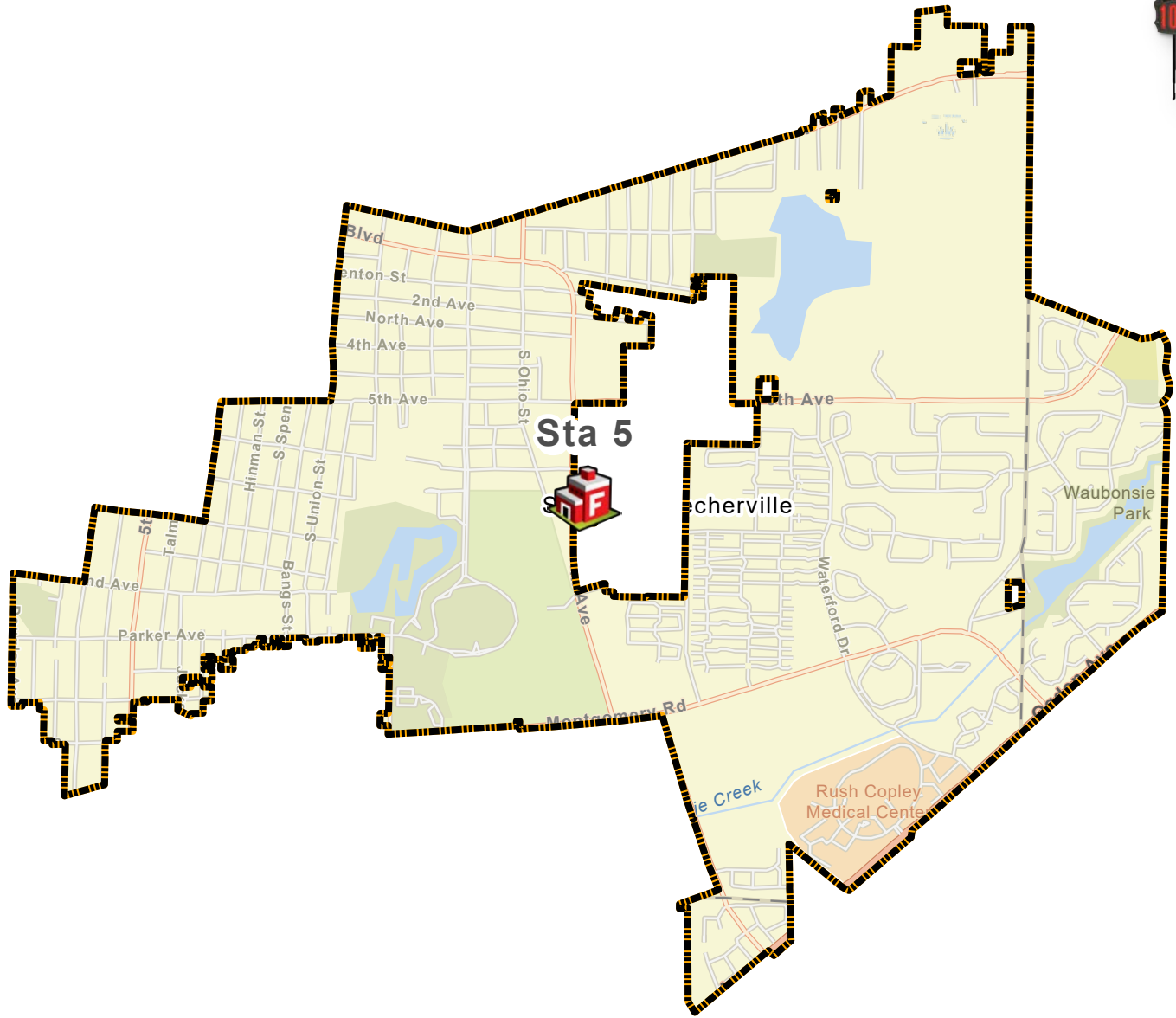
UNDER 5 YEARS OF AGE




\$56,596

MEDIAN INCOME





 **4.6**
AREA IN SQUARE MILES

 **27,680**
TOTAL POPULATION

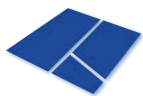
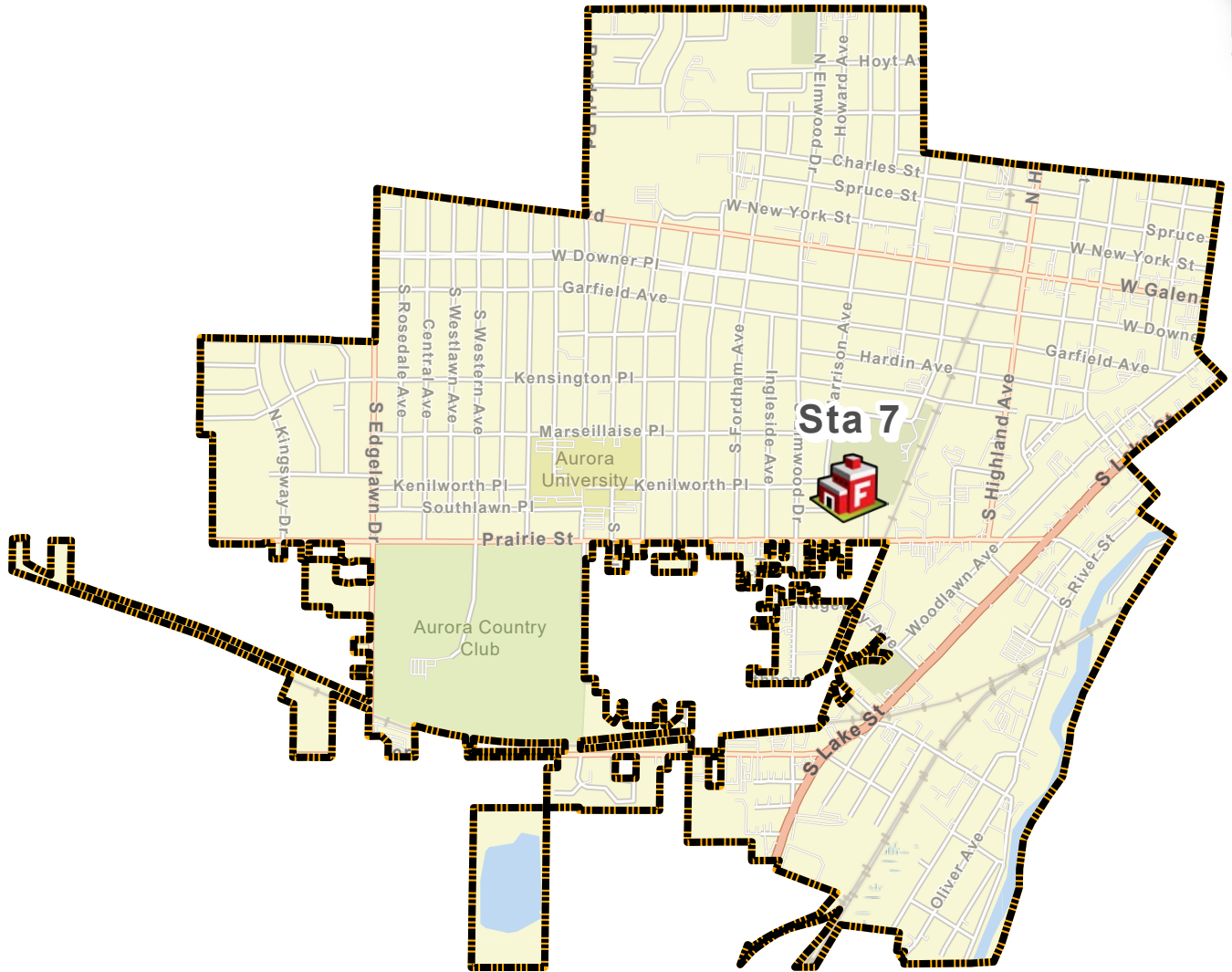
 **8,315**
TOTAL HOUSEHOLDS

 **2,364**
OVER 65 YEARS OF AGE

 **2,482**
UNDER 5 YEARS OF AGE

 **\$58,300**
MEDIAN INCOME





3.2

AREA IN SQUARE MILES



13,812

TOTAL POPULATION



4,282

TOTAL HOUSEHOLDS



1,777

OVER 65 YEARS OF AGE



939

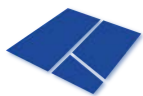
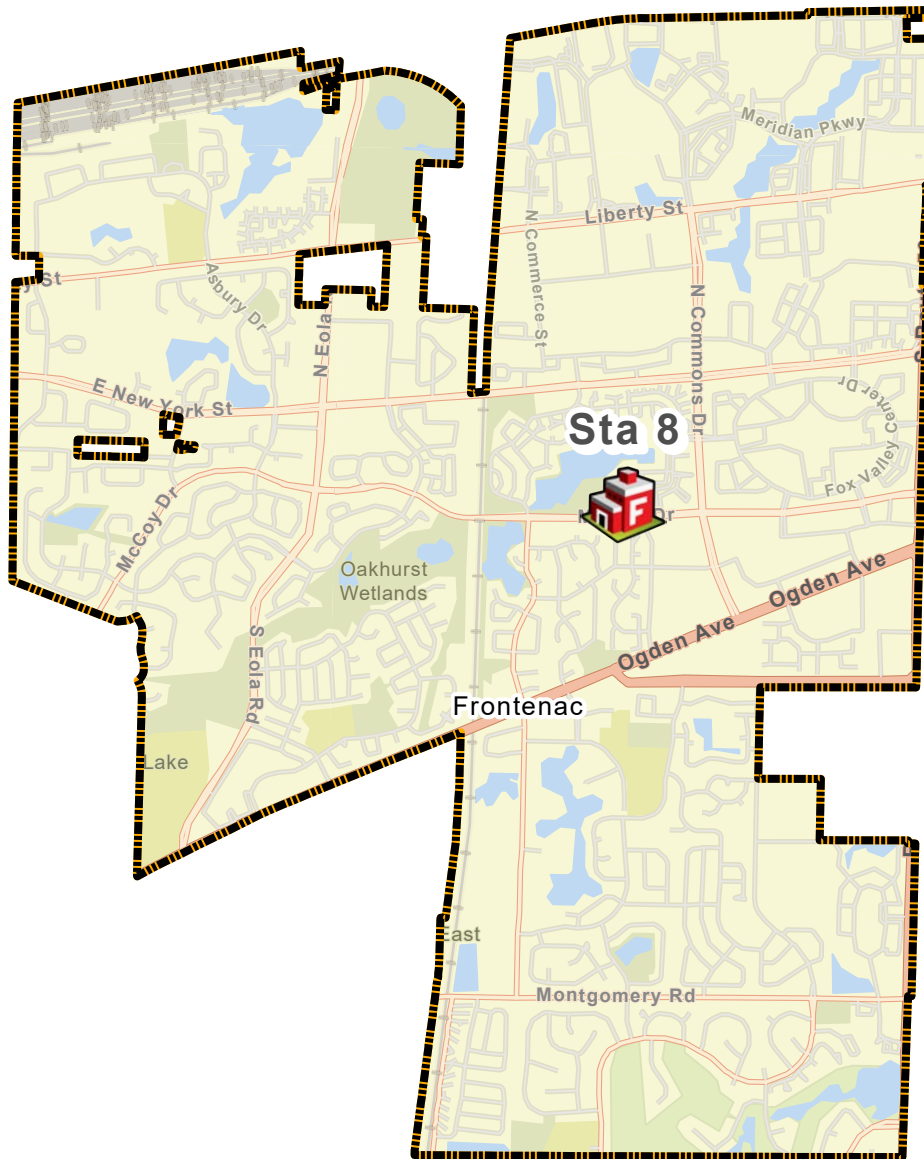
UNDER 5 YEARS OF AGE



\$66,765

MEDIAN INCOME





7.9

AREA IN SQUARE MILES



30,570

TOTAL POPULATION



11,293

TOTAL HOUSEHOLDS



2,111

OVER 65 YEARS OF AGE



2,169

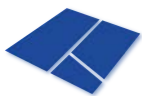
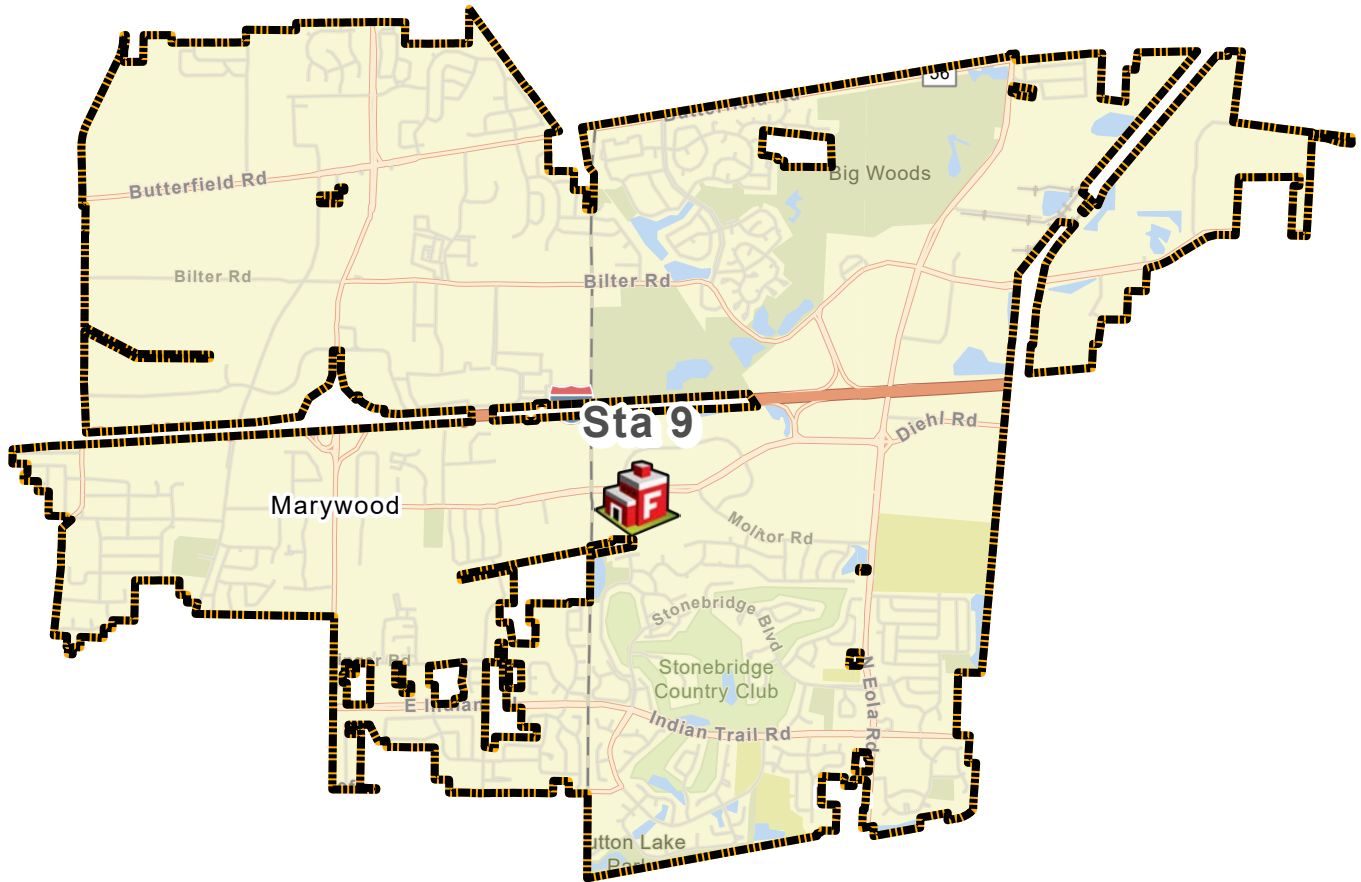
UNDER 5 YEARS OF AGE



\$103,375

MEDIAN INCOME





10.2

AREA IN SQUARE MILES



20,598

TOTAL POPULATION



7,914

TOTAL HOUSEHOLDS



2,703

OVER 65 YEARS OF AGE



1,405

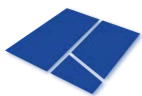
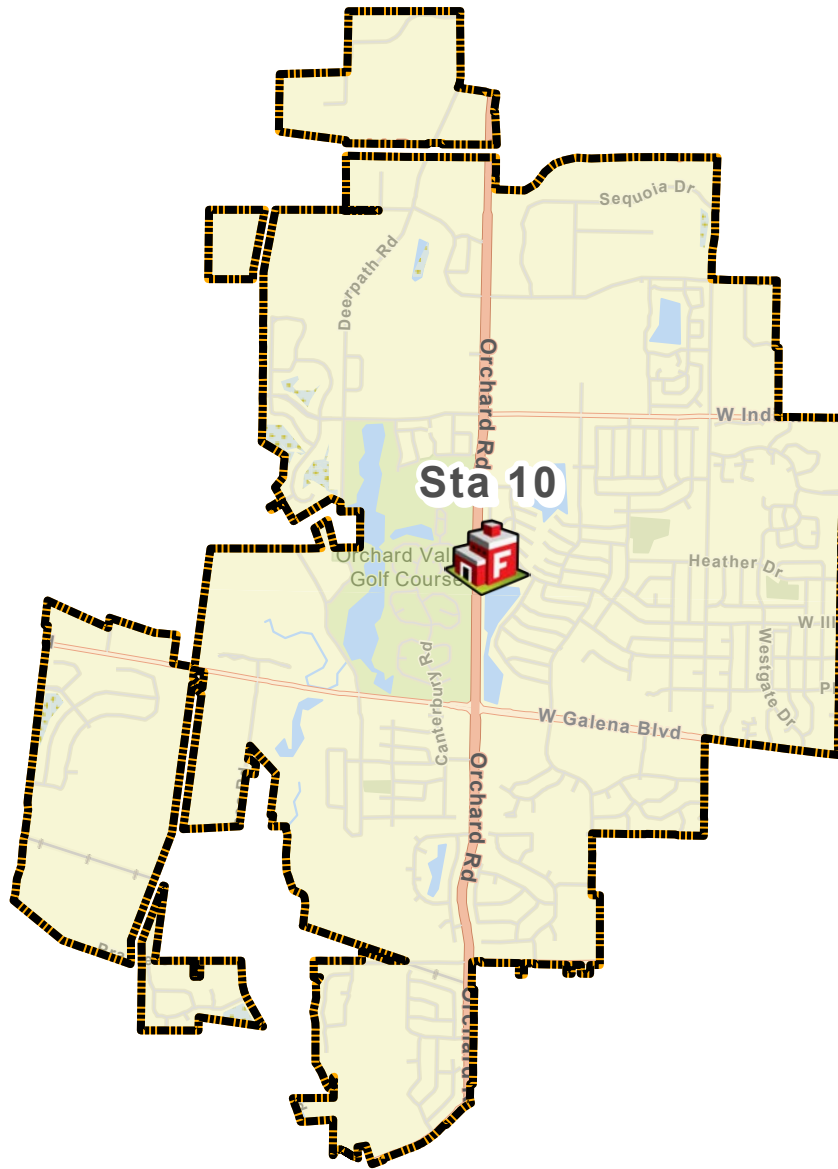
UNDER 5 YEARS OF AGE



\$99,240

MEDIAN INCOME





6.8

AREA IN SQUARE MILES



16,160

TOTAL POPULATION



5,594

TOTAL HOUSEHOLDS



2,728

OVER 65 YEARS OF AGE



936

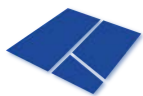
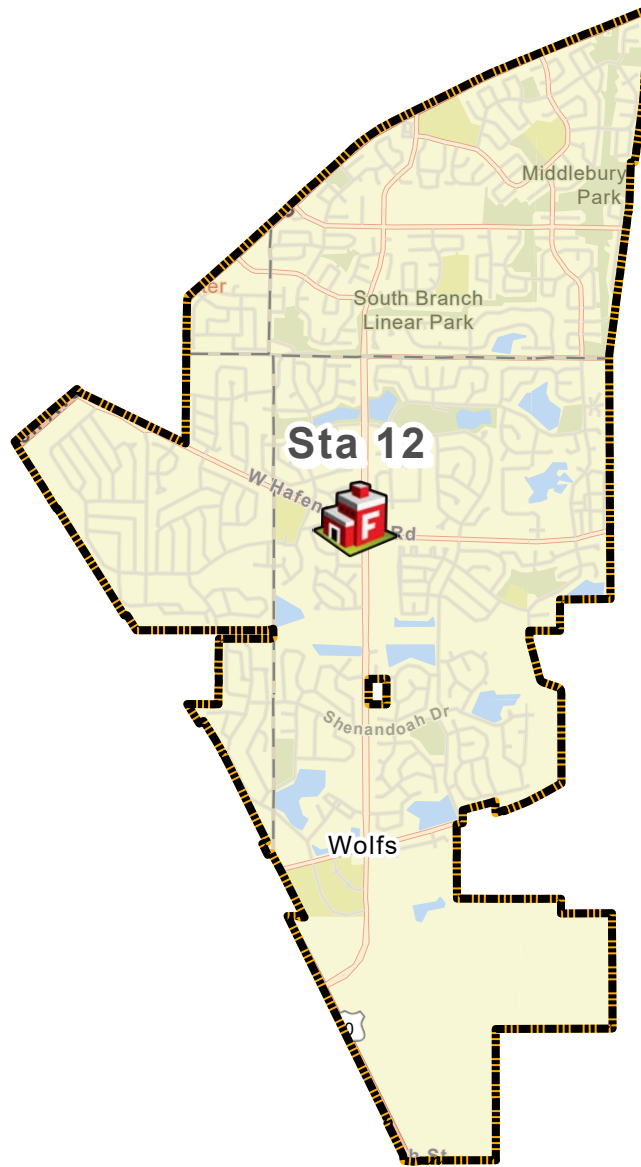
UNDER 5 YEARS OF AGE



\$79,771

MEDIAN INCOME





5.5

AREA IN SQUARE MILES



27,410

TOTAL POPULATION



8,462

TOTAL HOUSEHOLDS



1,501

OVER 65 YEARS OF AGE



2,438

UNDER 5 YEARS OF AGE



\$104,430

MEDIAN INCOME

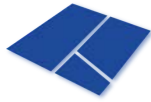




Service Area Overview

- Area Served by Drive Times - TRA
- 4 min and 8 min Drive Times - TRA
- 4 min and 8 min Drive Times - AoR 1
- Streets Covered by Drive Times - TRA
- Area Served by Drive Times - AoR 1
- Streets Covered by Drive Times - AoR 1
- TRA Coverage - AoR 1
- Area Served by Drive Times - AoR 3
- 4 min and 8 min Drive Times - AoR 3
- Streets Covered by Drive Times - AoR 3
- TRA Coverage - AoR 3
- Area Served by Drive Times - AoR 4
- 4 min and 8 min Drive Times - AoR 4
- Streets Covered by Drive Times - AoR 4
- TRA Coverage - AoR 4
- Area Served by Drive Times - AoR 5
- 4 min and 8 min Drive Times - AoR 5
- Streets Covered by Drive Times - AoR 5
- TRA Coverage - AoR 5
- Area Served by Drive Times - AoR 7
- 4 min and 8 min Drive Times - AoR 7
- Streets Covered by Drive Times - AoR 7
- TRA Coverage - AoR 7
- Area Served by Drive Times - AoR 8
- 4 min and 8 min Drive Times - AoR 8
- Streets Covered by Drive Times - AoR 8
- TRA Coverage - AoR 8
- Area Served by Drive Times - AoR 9
- 4 min and 8 min Drive Times - AoR 9
- Streets Covered by Drive Times - AoR 9
- TRA Coverage - AoR 9
- Area Served by Drive Times - AoR 10
- 4 min and 8 min Drive Times - AoR 10
- Streets Covered by Drive Times - AoR 10
- TRA Coverage - AoR 10
- Area Served by Drive Times - AoR 12
- 4 min and 8 min Drive Times - AoR 12
- Streets Covered by Drive Times - AoR 12
- TRA Coverage - AoR 12





AREA SERVED



4 MIN CATCHMENT
AREA



STREETS SERVED

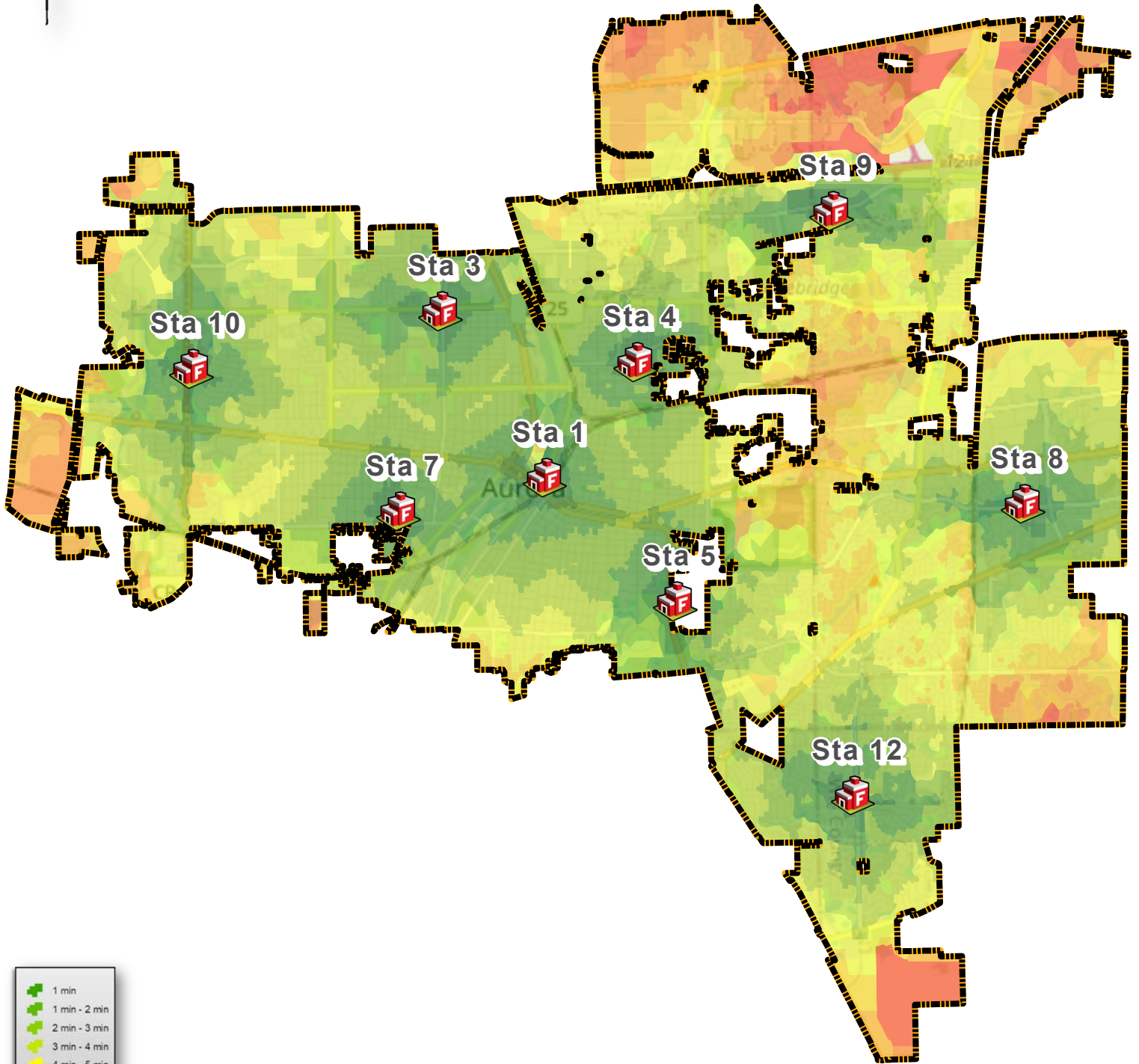


4 MIN CATCHMENT
STREETS

TRA	47.9	60%	670.8	70%
AoR 1	2.6	91%	48.5	92%
AoR 3	3.9	89%	56.7	95%
AoR 4	3.1	82%	47.4	85%
AoR 5	4.6	59%	66.6	65%
AoR 7	3.2	90%	55.6	92%
AoR 8	7.9	46%	121.5	58%
AoR 9	10.2	22%	111.5	26%
AoR 10	6.8	64%	78.7	75%
AoR 12	5.5	63%	84.3	74%

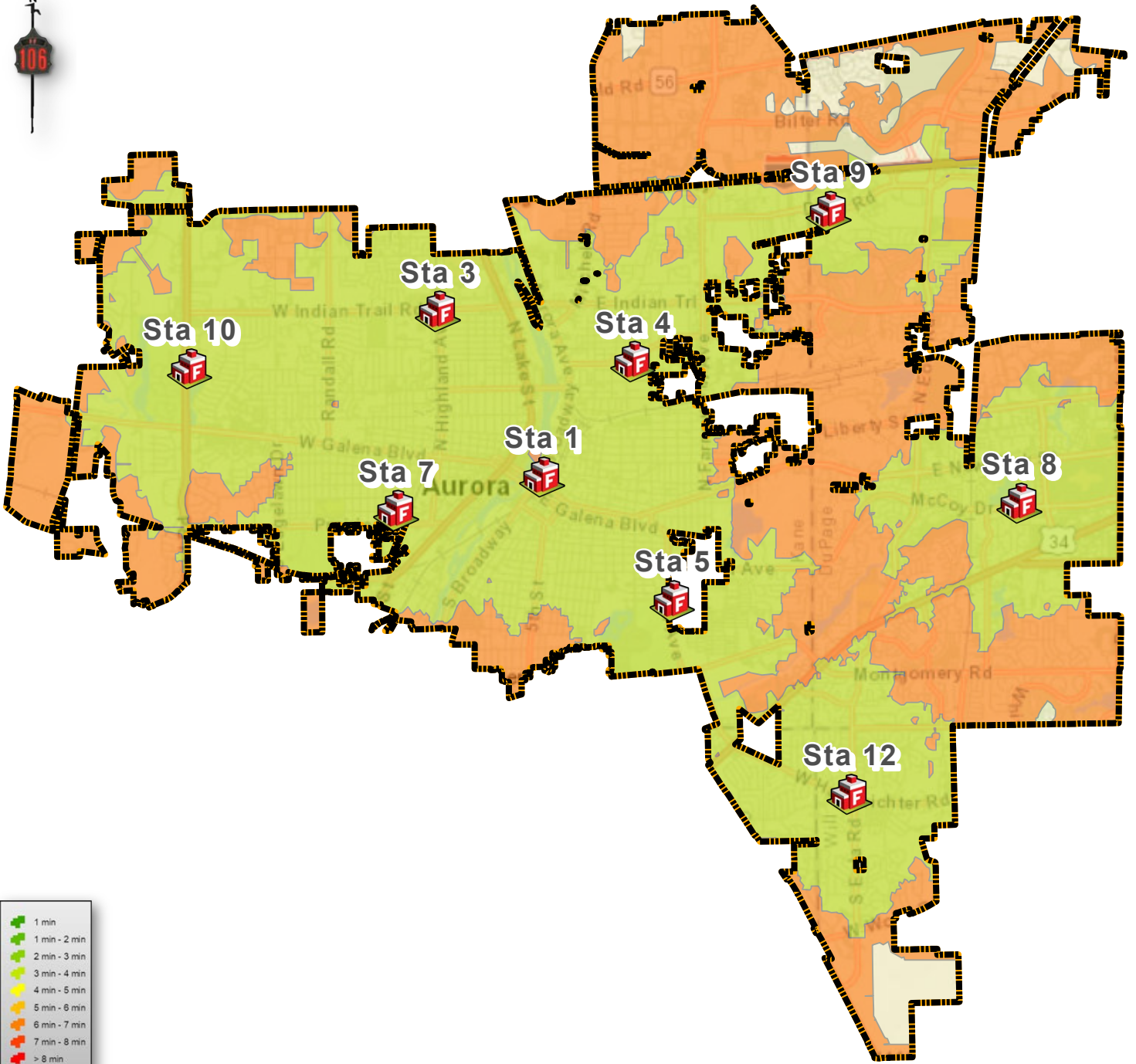
"AREA SERVED" is measured in square miles and "STREETS SERVED" is measured in linear miles. The TRA stats are for the complete agency while the AoR stats are a part of the whole TRA.





Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.





4 MINUTE COVERAGE

28.7

AREA IN SQUARE MILES

60%

PERCENTAGE OF TRA



8 MINUTE COVERAGE

46.4

AREA IN SQUARE MILES

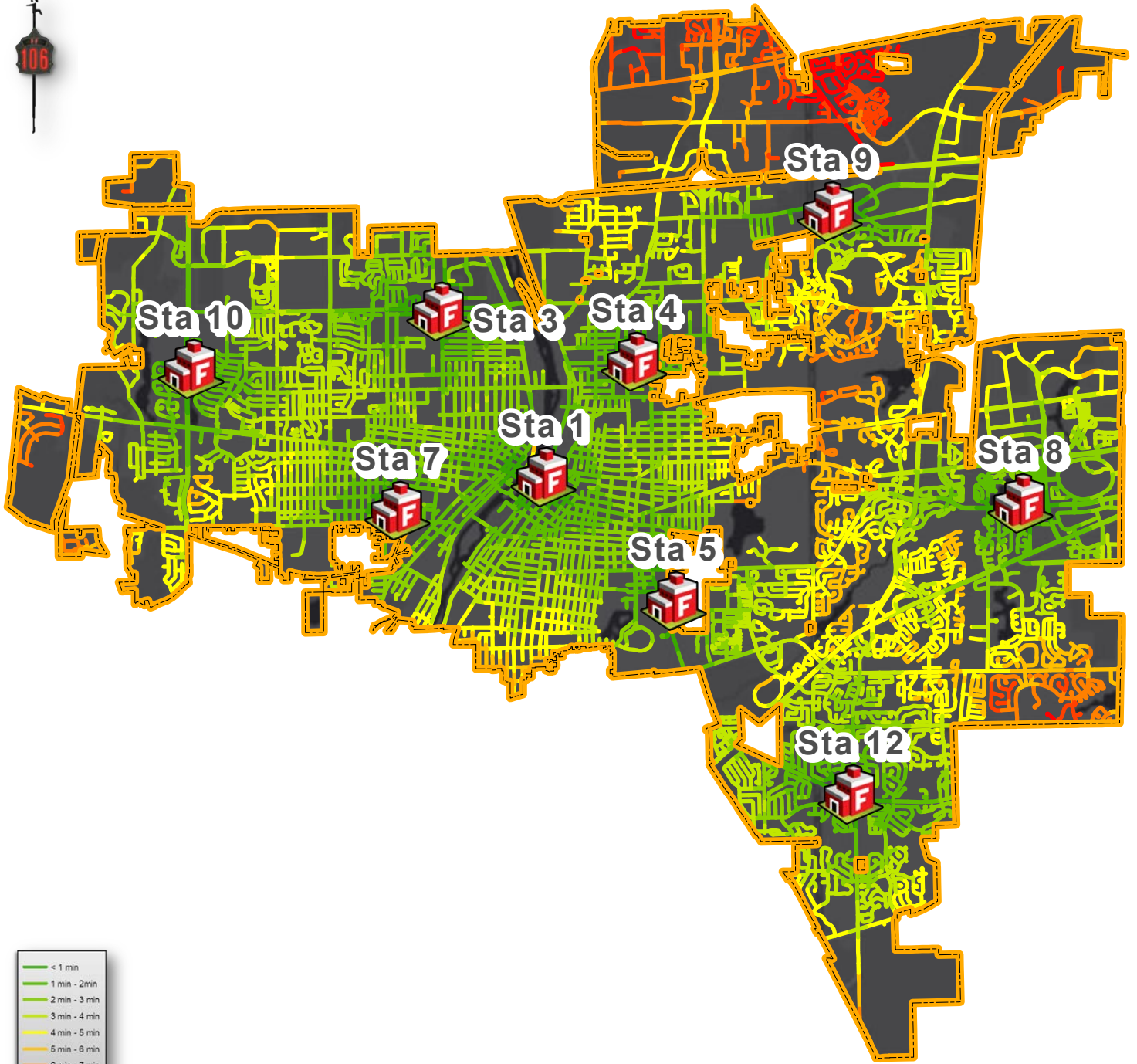
97%

PERCENTAGE OF TRA

Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.



Streets Covered by Drive Time - TRA



670.8

ROAD MILES



4 MINUTE COVERAGE

472.1

ROAD MILES



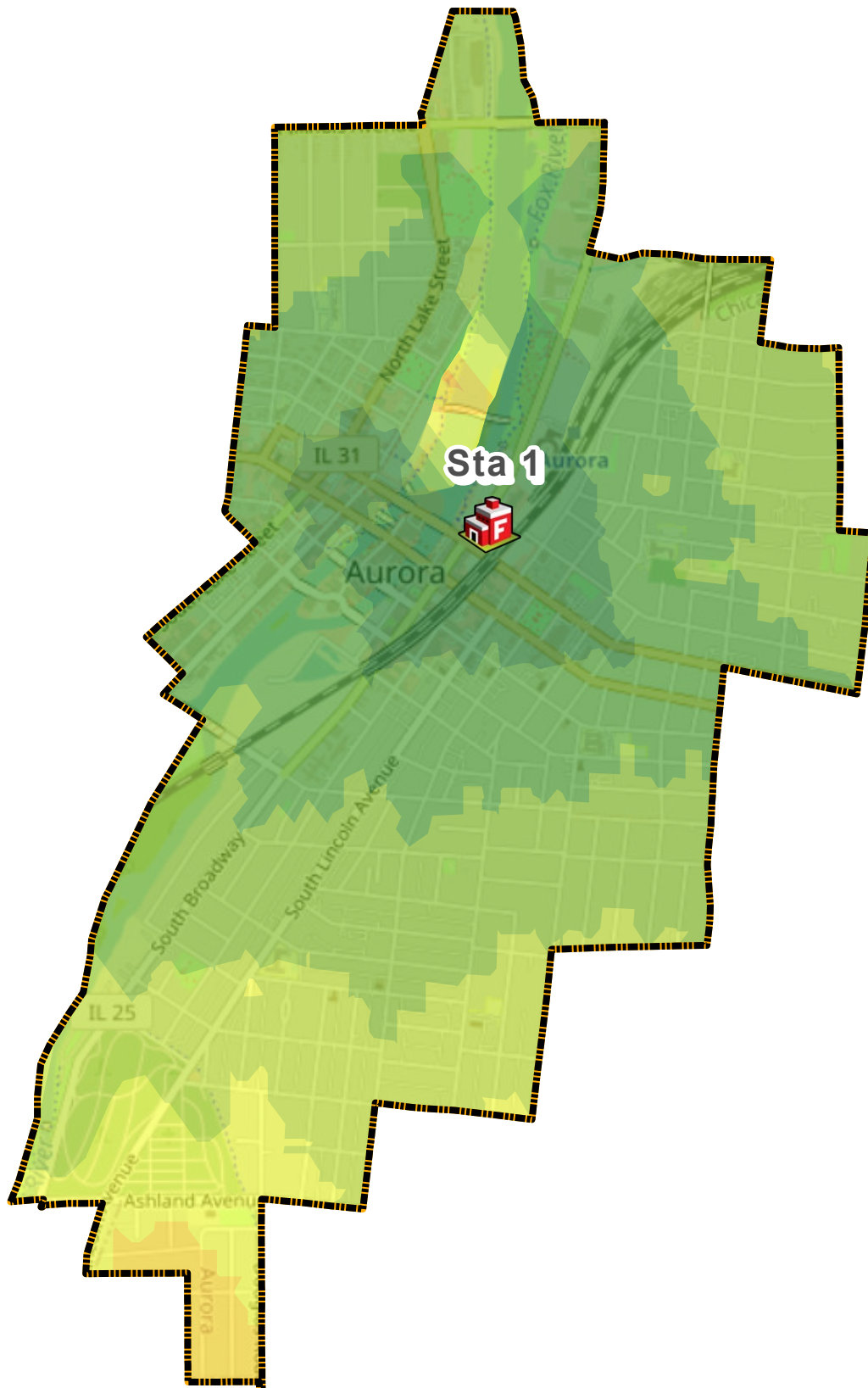
4 MINUTE COVERAGE

70%

PERCENTAGE OF TRA

Street travel time is the time of travel from the fire stations and is displayed in one-minute increments.

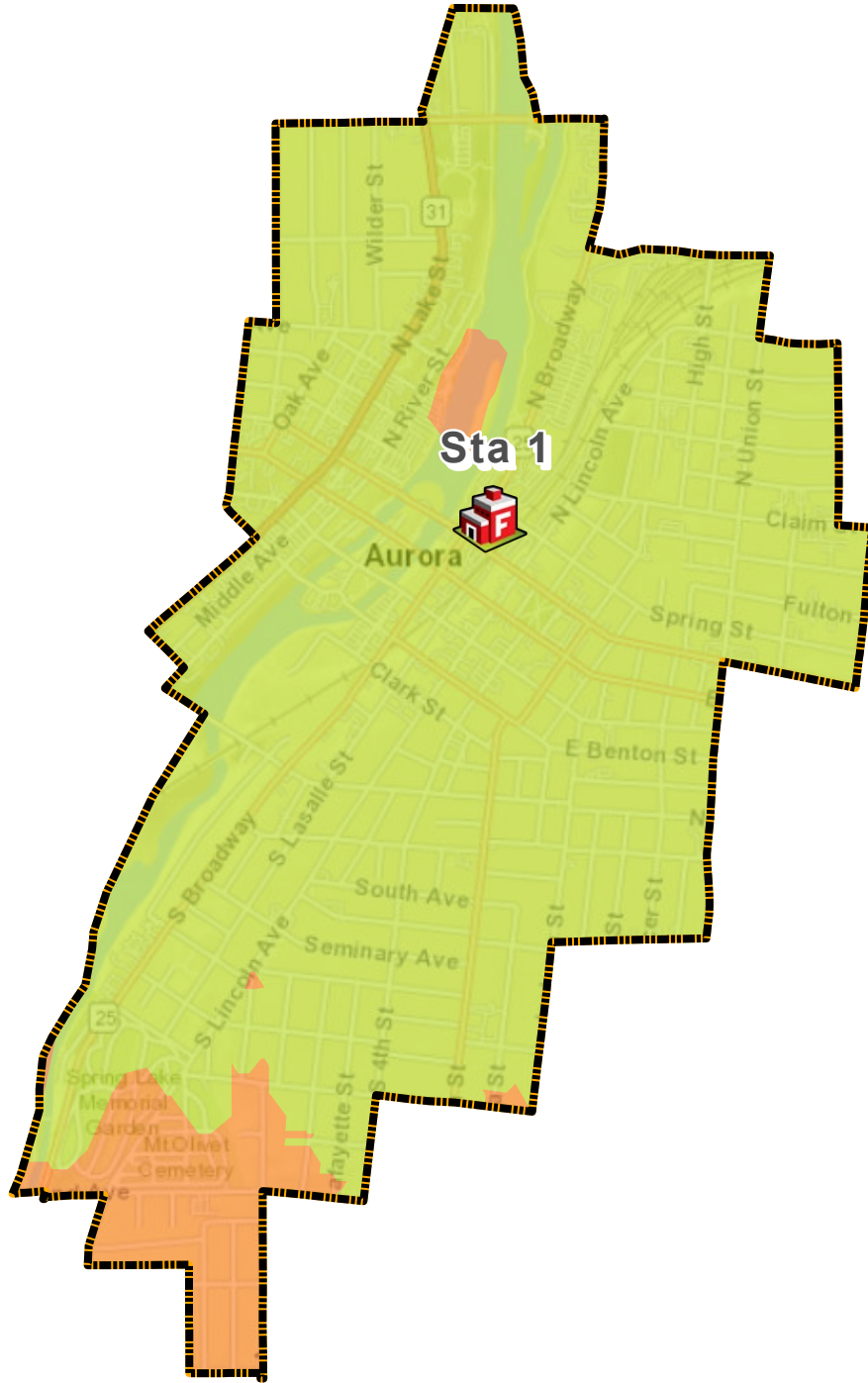




Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.



4 min and 8 min Drive Times - AoR 1



4 MINUTE COVERAGE

2.4

AREA IN SQUARE MILES

91%

PERCENTAGE OF AoR 1



8 MINUTE COVERAGE

2.6

AREA IN SQUARE MILES

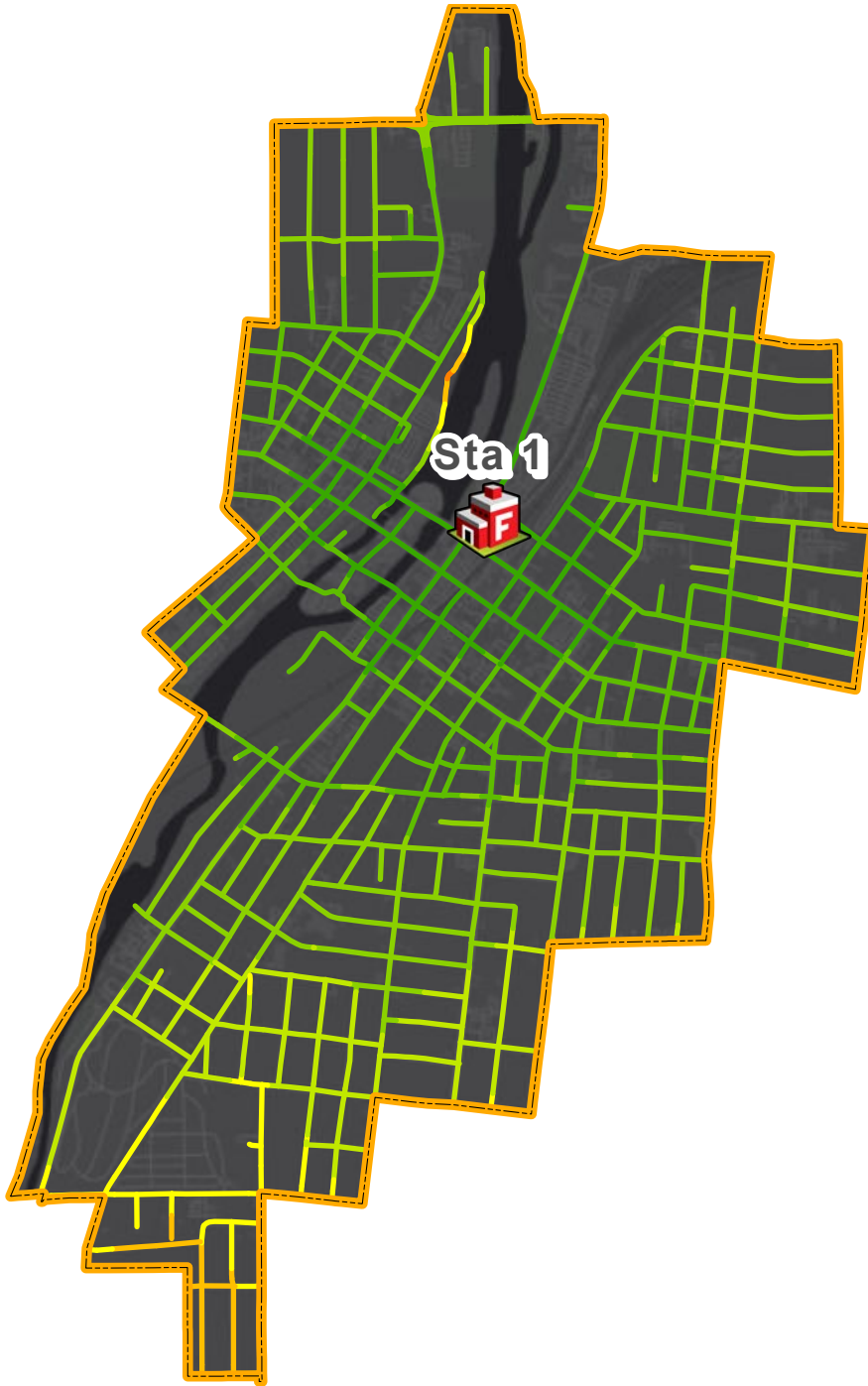
100%

PERCENTAGE OF AoR 1

Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.



Streets Covered by Drive Time - AoR 1



—	< 1 min
—	1 min - 2 min
—	2 min - 3 min
—	3 min - 4 min
—	4 min - 5 min
—	5 min - 6 min
—	6 min - 7 min
—	7 min - 8 min
—	> 8 min



48.5
ROAD MILES



4 MINUTE COVERAGE

44.8
ROAD MILES

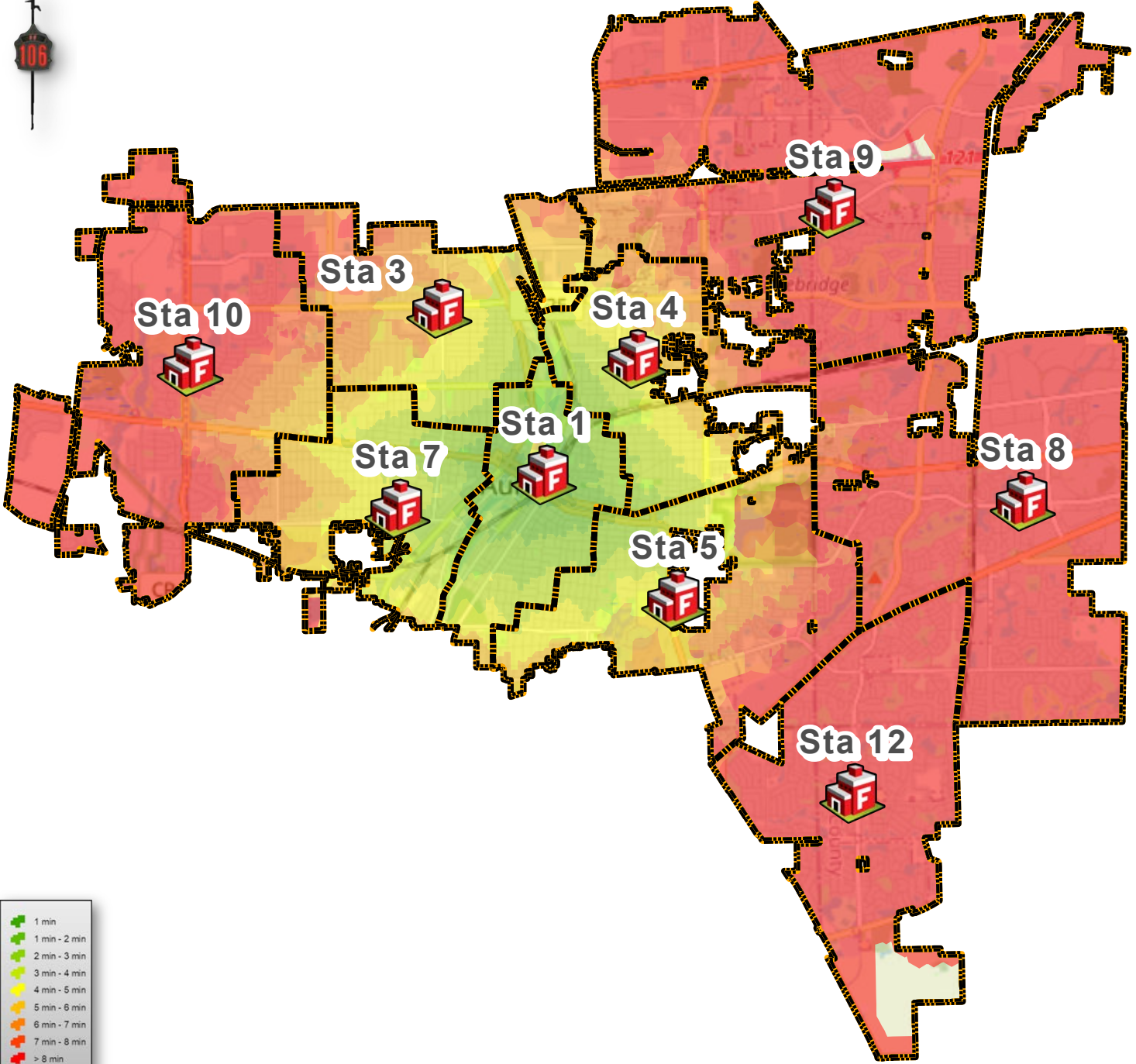


4 MINUTE COVERAGE

92%
PERCENTAGE OF AOR 1

Street travel time is the time of travel from the fire stations and is displayed in one-minute increments.





4 MINUTE COVERAGE

6.4

AREA IN SQUARE MILES

13%

PERCENTAGE OF TRA



8 MINUTE COVERAGE

19.0

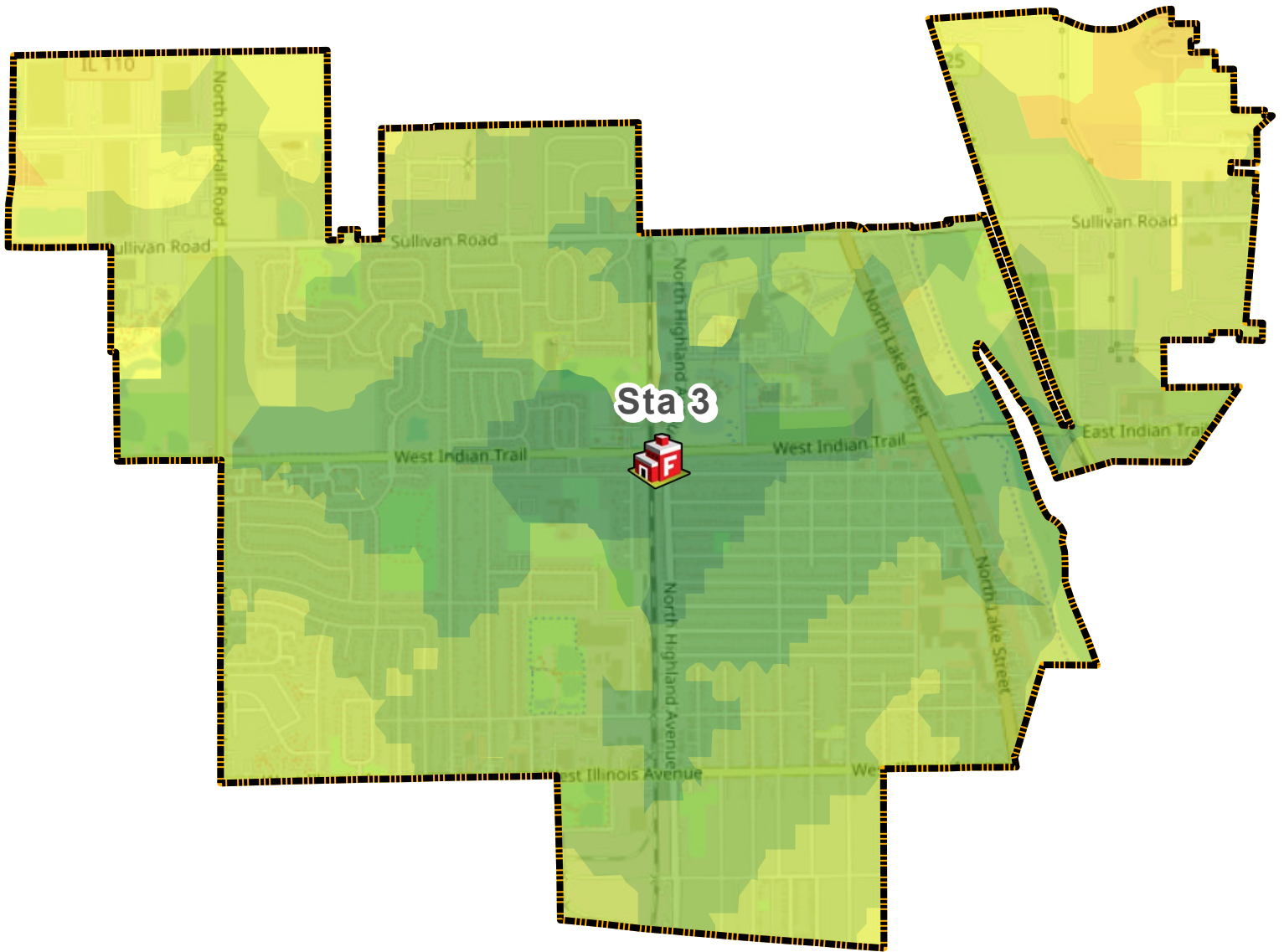
AREA IN SQUARE MILES

40%

PERCENTAGE OF TRA

Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.

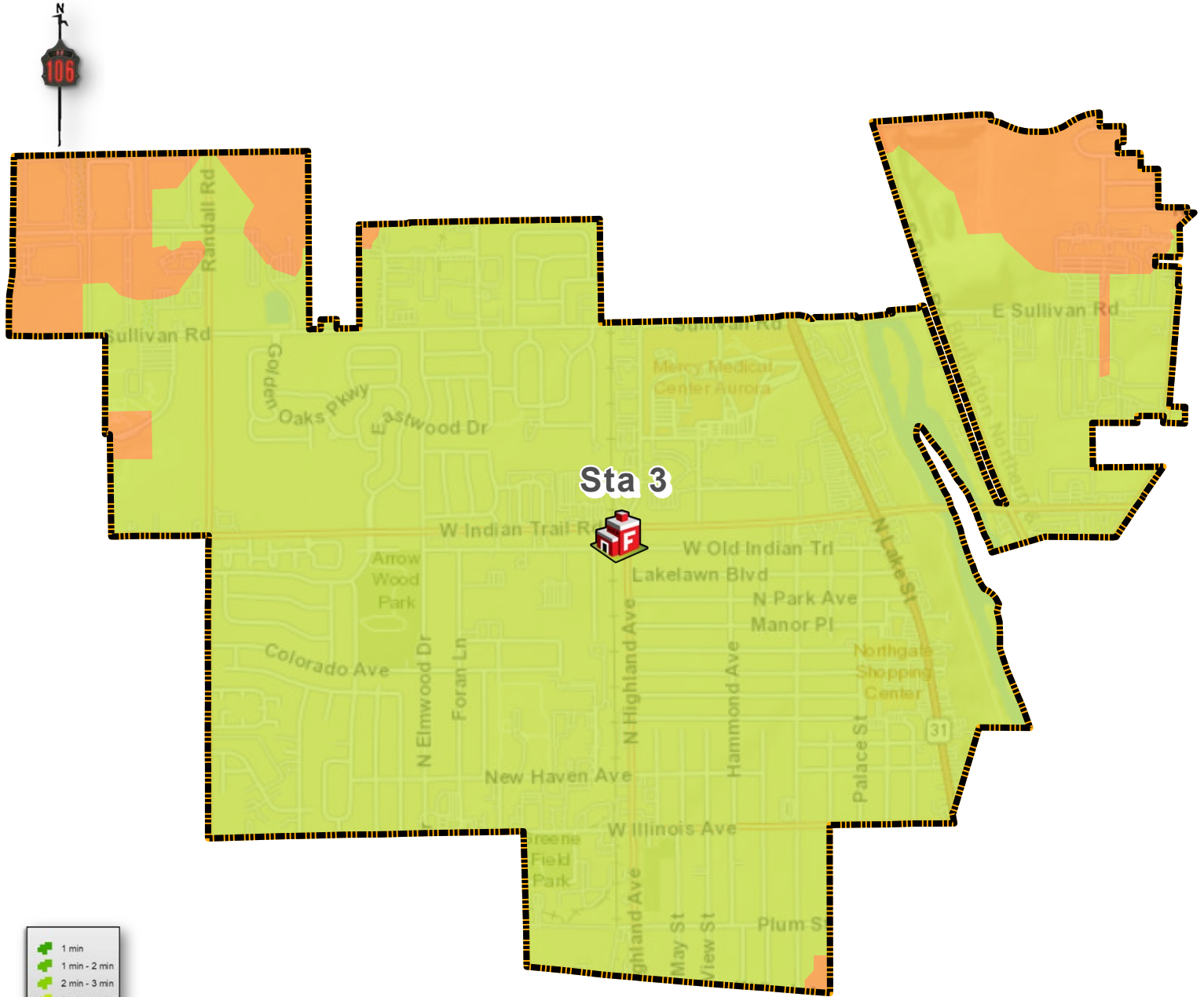




Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.



4 min and 8 min Drive Times - AoR 3



4 MINUTE COVERAGE

3.5

AREA IN SQUARE MILES

89%

PERCENTAGE OF AoR 3



8 MINUTE COVERAGE

3.9

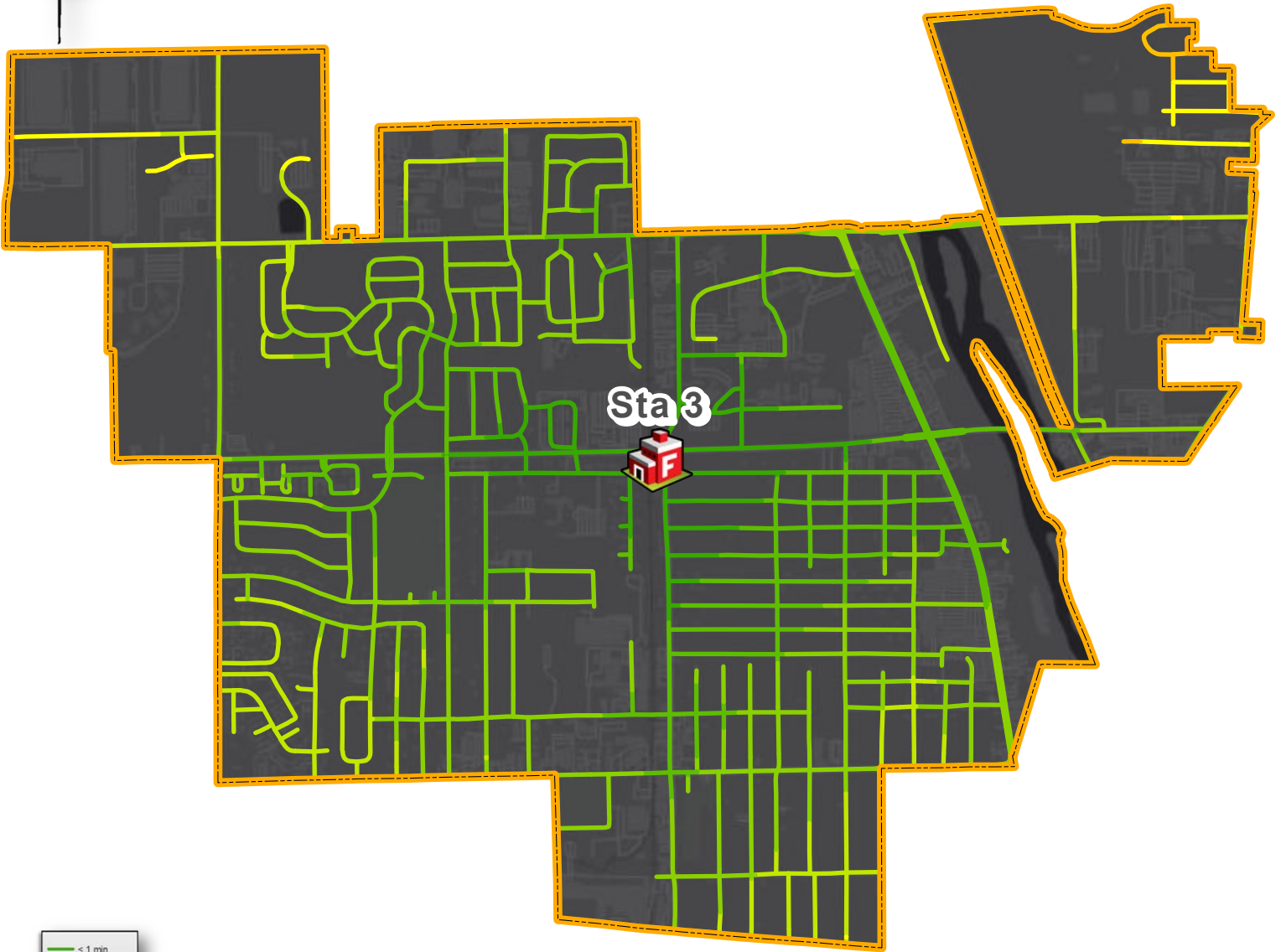
AREA IN SQUARE MILES

100%

PERCENTAGE OF AoR 3

Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.





56.7
ROAD MILES



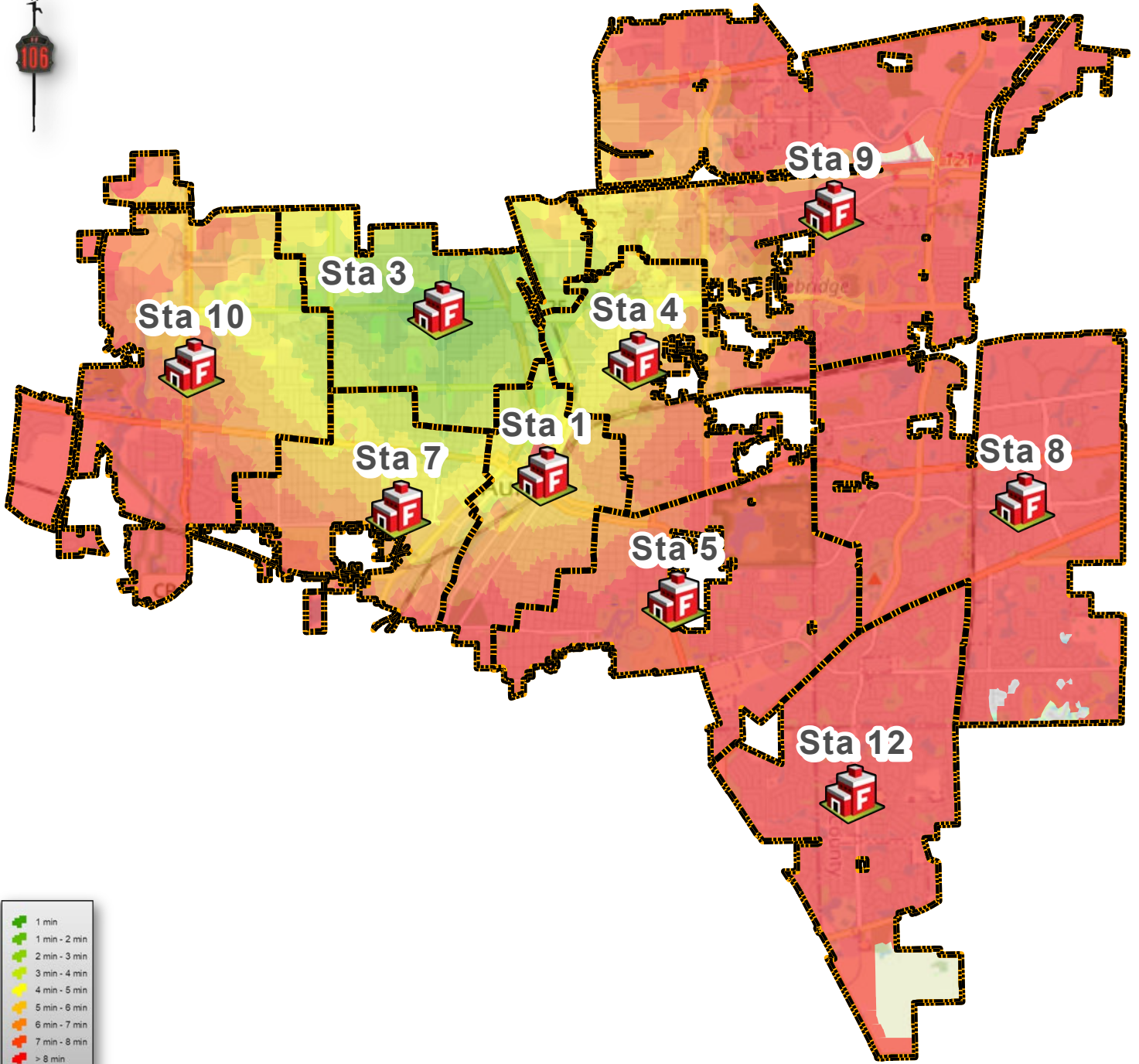
4 MINUTE COVERAGE
53.9
ROAD MILES



4 MINUTE COVERAGE
95%
PERCENTAGE OF AOR 3

Street travel time is the time of travel from the fire stations and is displayed in one-minute increments.





4 MINUTE COVERAGE

5.2

AREA IN SQUARE MILES

11%

PERCENTAGE OF TRA



8 MINUTE COVERAGE

19.8

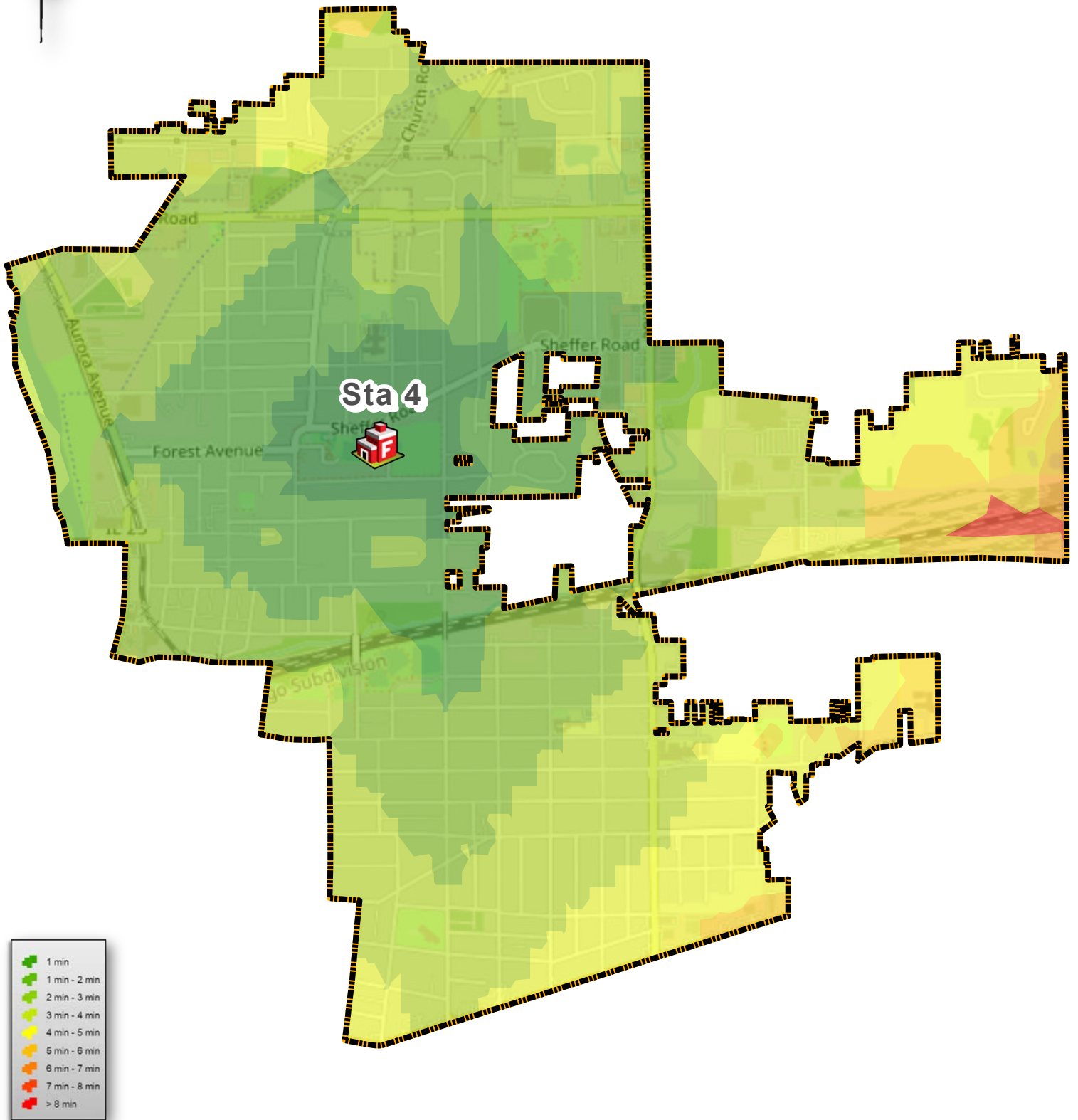
AREA IN SQUARE MILES

41%

PERCENTAGE OF TRA

Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.

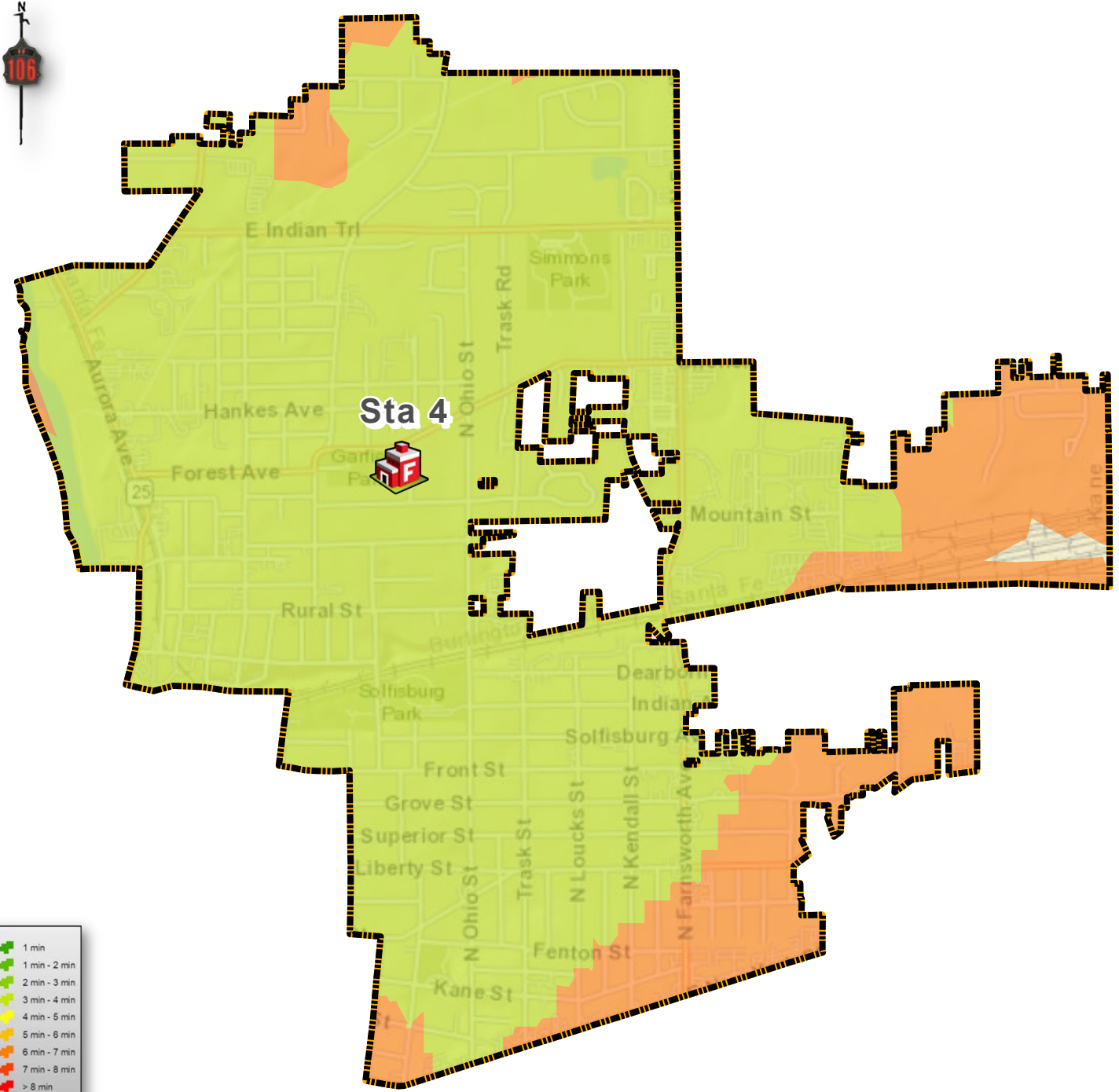




Dark Green	1 min
Light Green	1 min - 2 min
Yellow-Green	2 min - 3 min
Yellow	3 min - 4 min
Light Orange	4 min - 5 min
Orange	5 min - 6 min
Dark Orange	6 min - 7 min
Red-Orange	7 min - 8 min
Red	> 8 min

Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.





4 MINUTE COVERAGE

2.6

AREA IN SQUARE MILES

82%

PERCENTAGE OF AoR 4



8 MINUTE COVERAGE

3.1

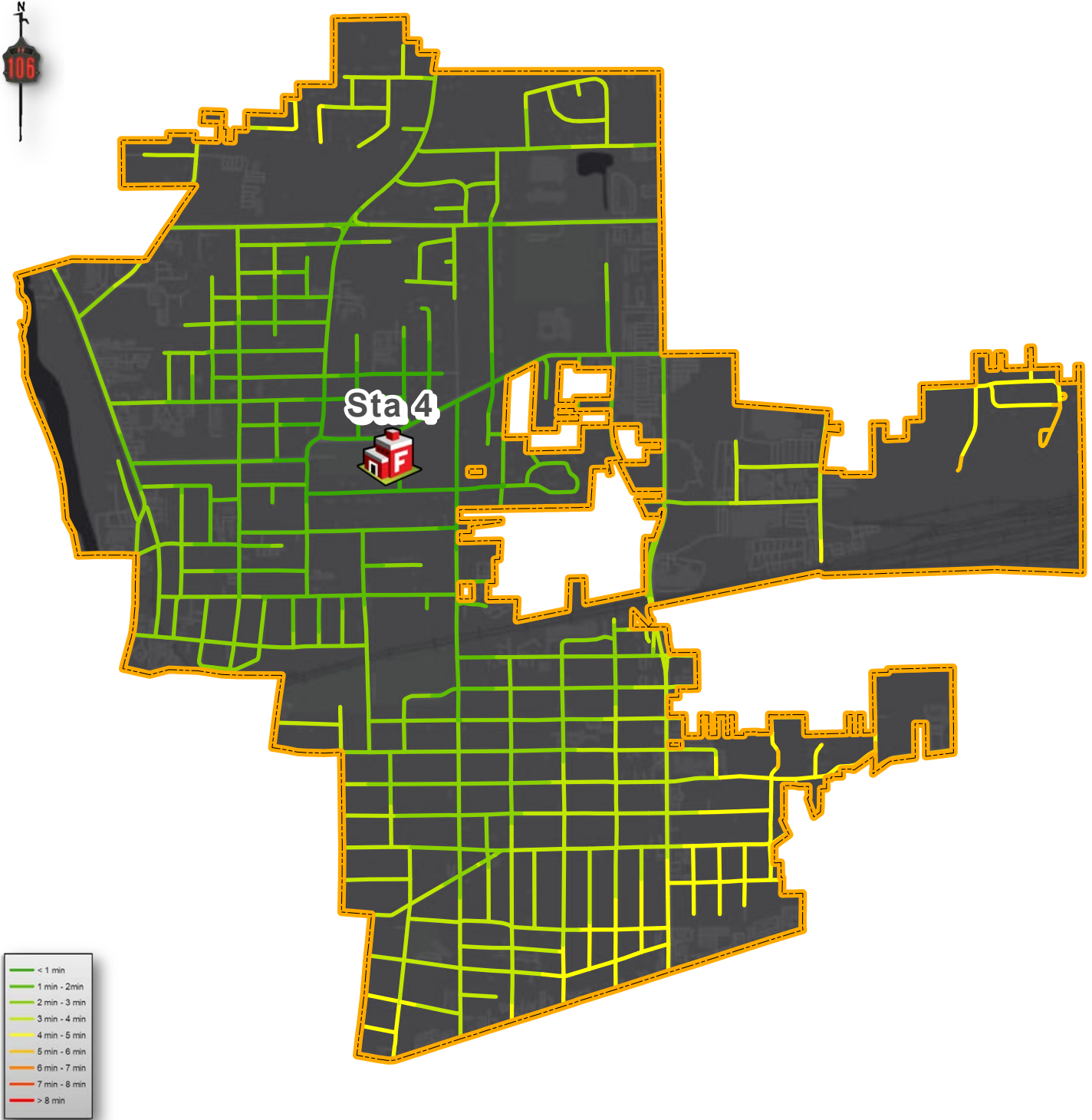
AREA IN SQUARE MILES

100%

PERCENTAGE OF AoR 4

Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.





47.4
ROAD MILES



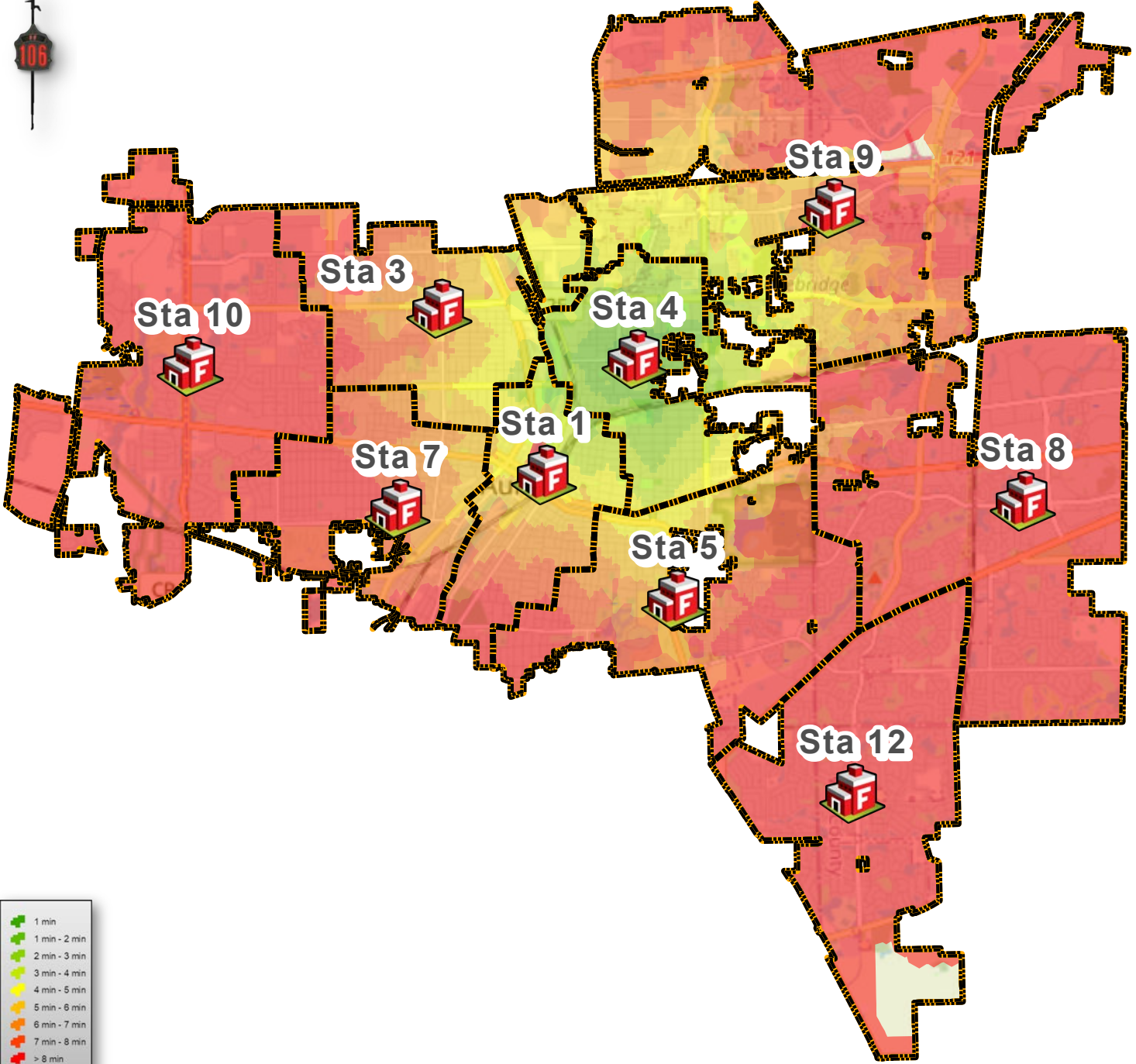
4 MINUTE COVERAGE
40.2
ROAD MILES



4 MINUTE COVERAGE
85%
PERCENTAGE OF AOR 4

Street travel time is the time of travel from the fire stations and is displayed in one-minute increments.





4 MINUTE COVERAGE

3.8

AREA IN SQUARE MILES

8%

PERCENTAGE OF TRA



8 MINUTE COVERAGE

19.4

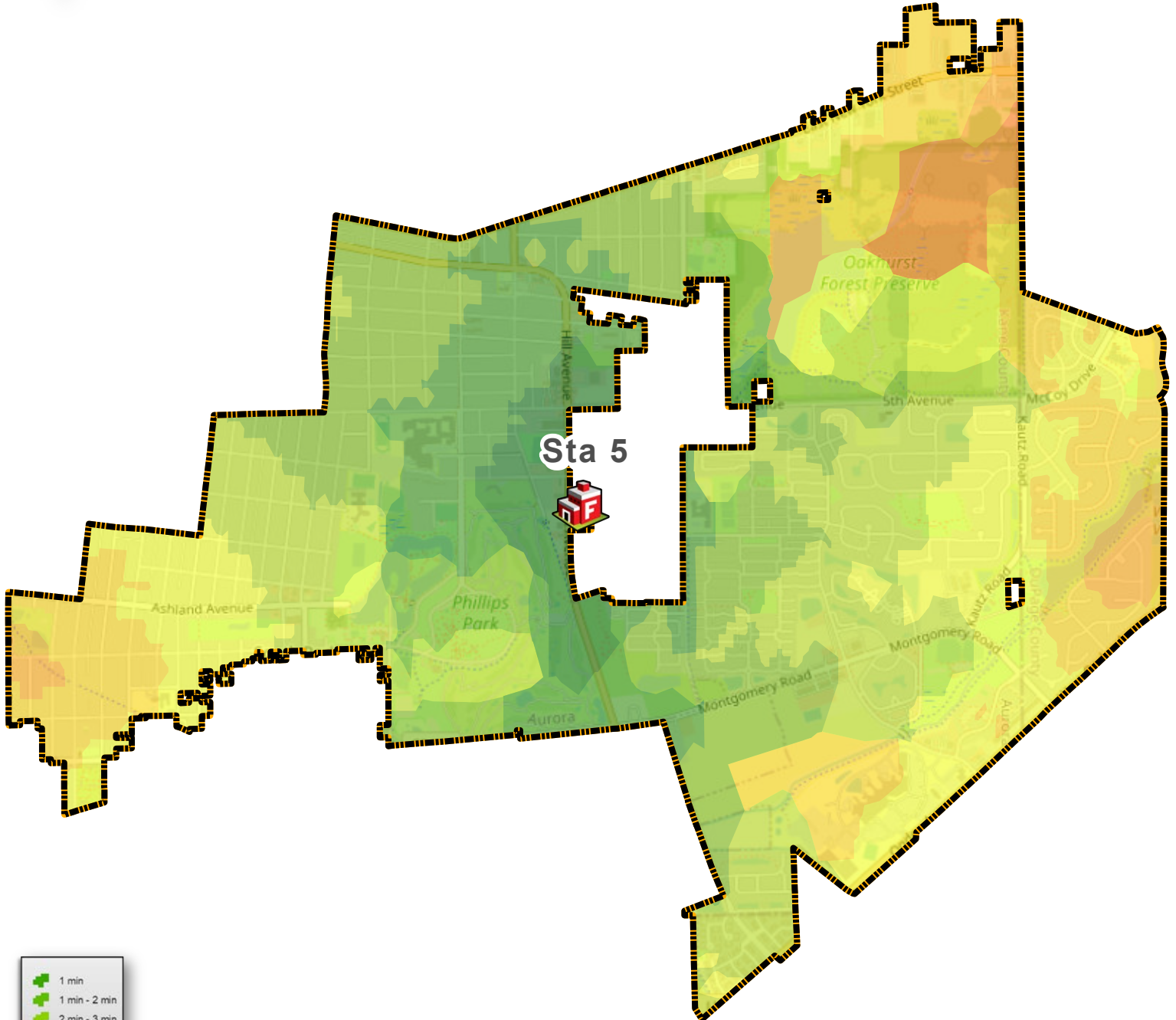
AREA IN SQUARE MILES

41%

PERCENTAGE OF TRA

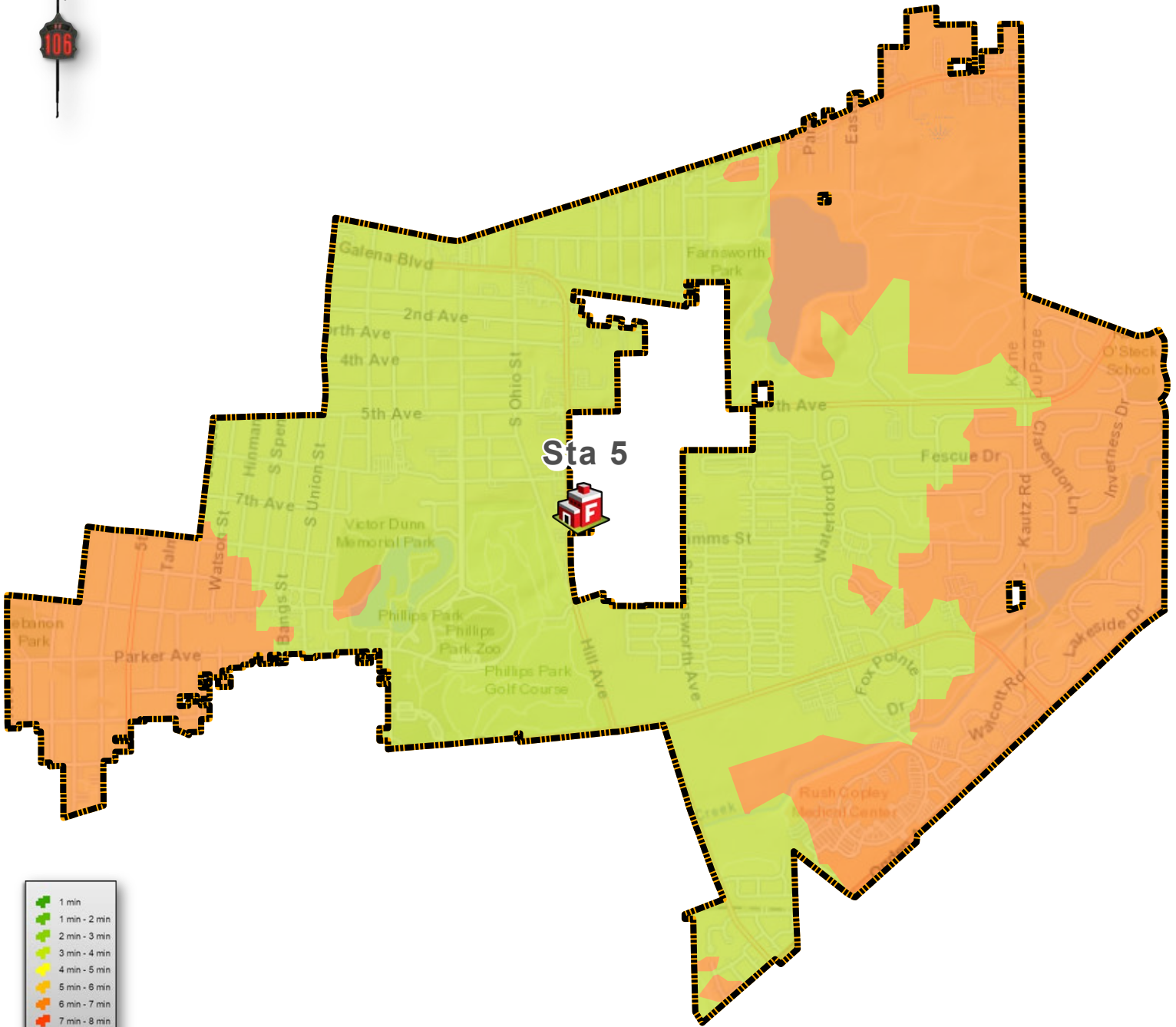
Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.





Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.





4 MINUTE COVERAGE

2.7

AREA IN SQUARE MILES

59%

PERCENTAGE OF AoR 5



8 MINUTE COVERAGE

4.6

AREA IN SQUARE MILES

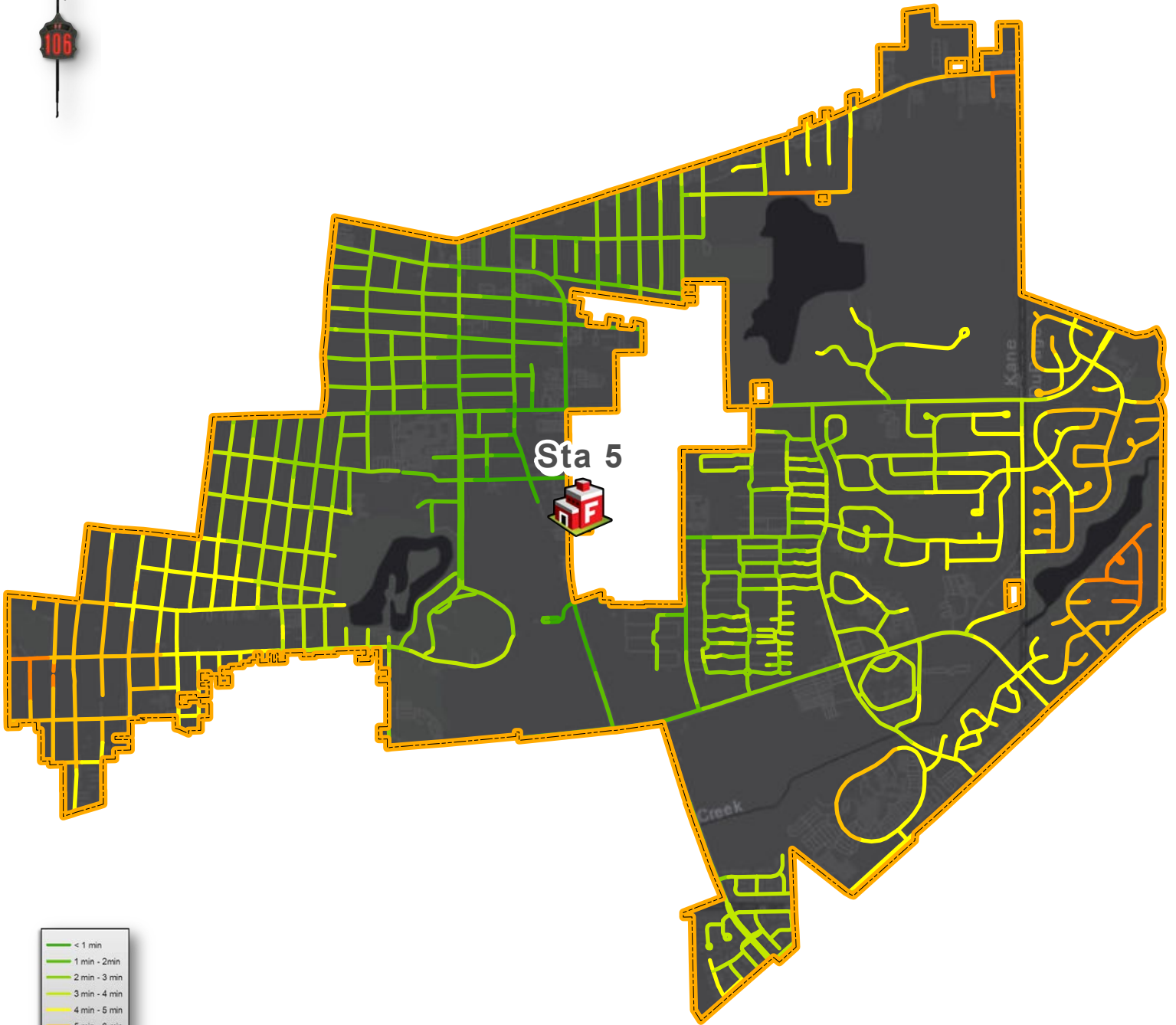
100%

PERCENTAGE OF AoR 5

Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.



Streets Covered by Drive Time - AoR 5



66.6
ROAD MILES



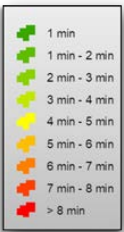
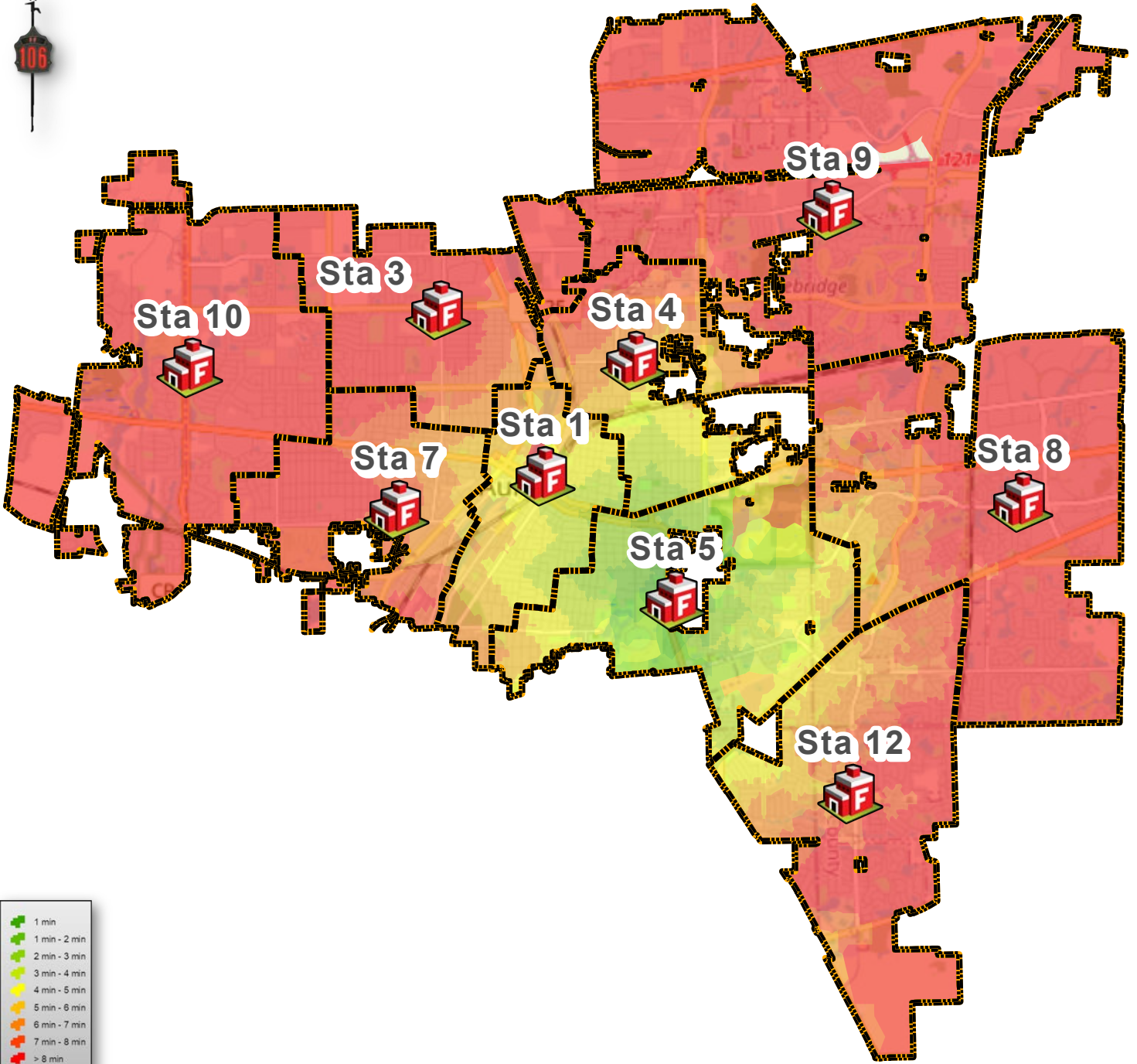
4 MINUTE COVERAGE
43.4
ROAD MILES



4 MINUTE COVERAGE
65%
PERCENTAGE OF AoR 5

Street travel time is the time of travel from the fire stations and is displayed in one-minute increments.





4 MINUTE COVERAGE

3.8

AREA IN SQUARE MILES

8%

PERCENTAGE OF TRA



8 MINUTE COVERAGE

17.2

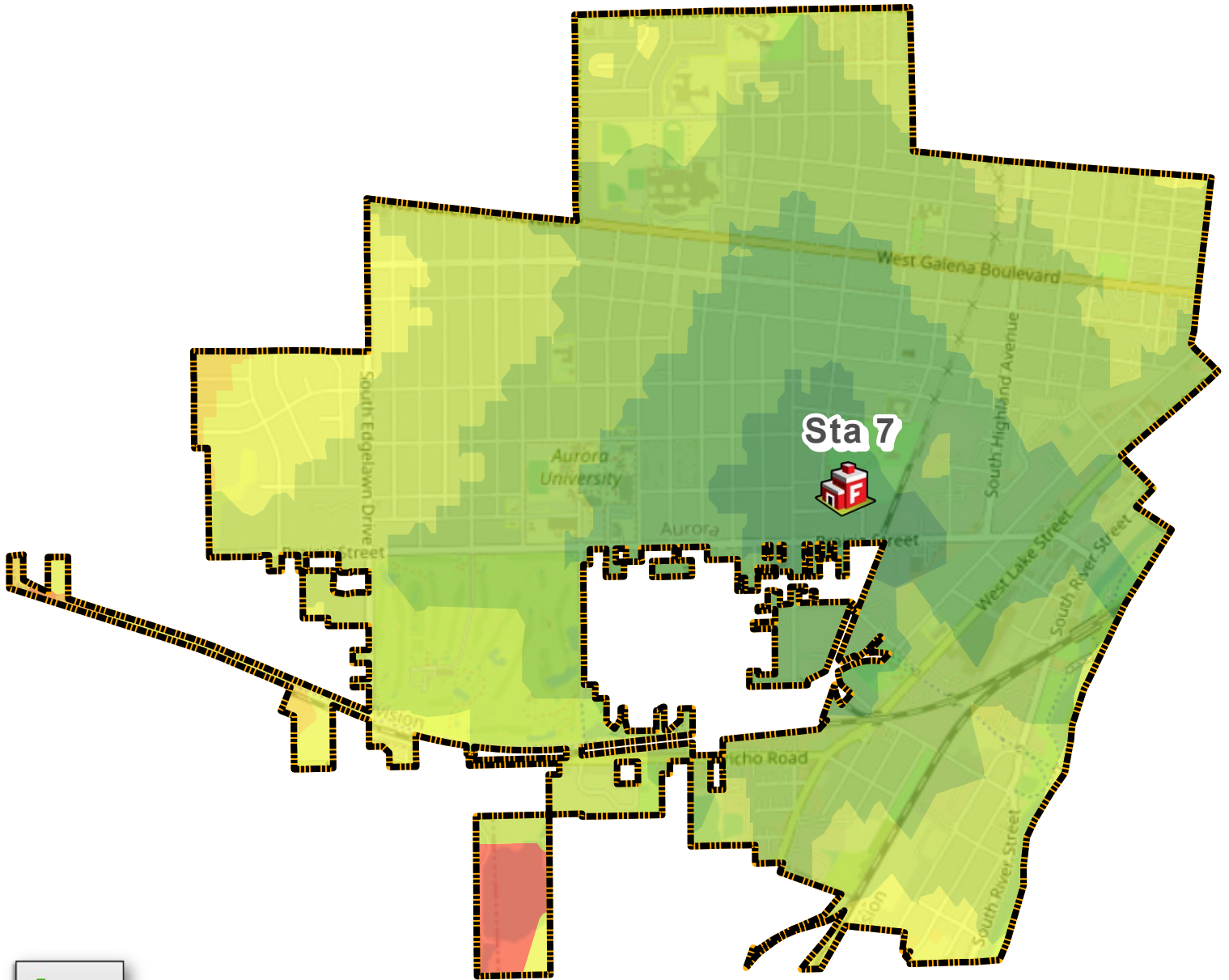
AREA IN SQUARE MILES

36%

PERCENTAGE OF TRA

Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.

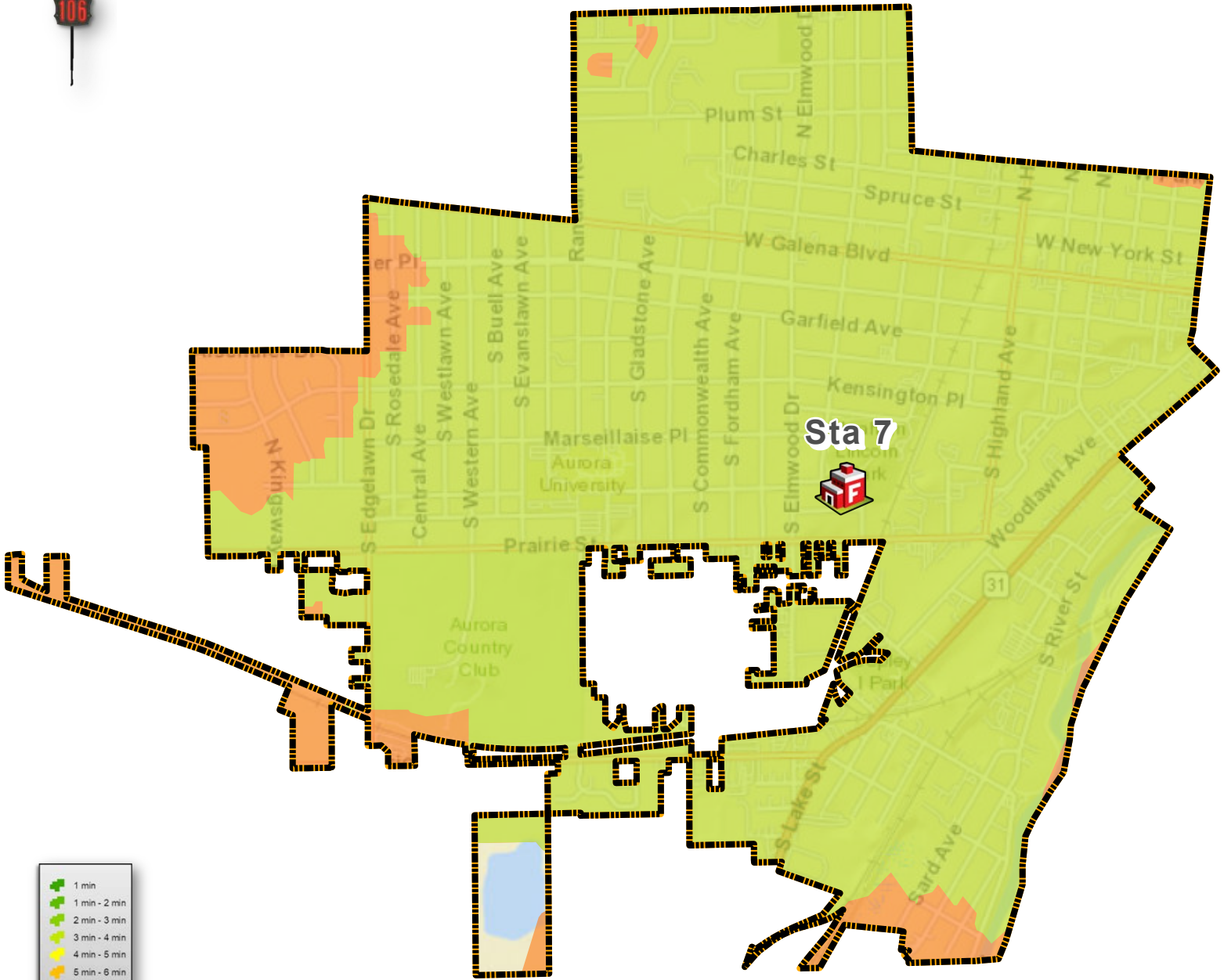




Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.



4 min and 8 min Drive Times - AoR 7



4 MINUTE COVERAGE

2.9

90%

AREA IN SQUARE MILES PERCENTAGE OF AoR 7



8 MINUTE COVERAGE

3.2

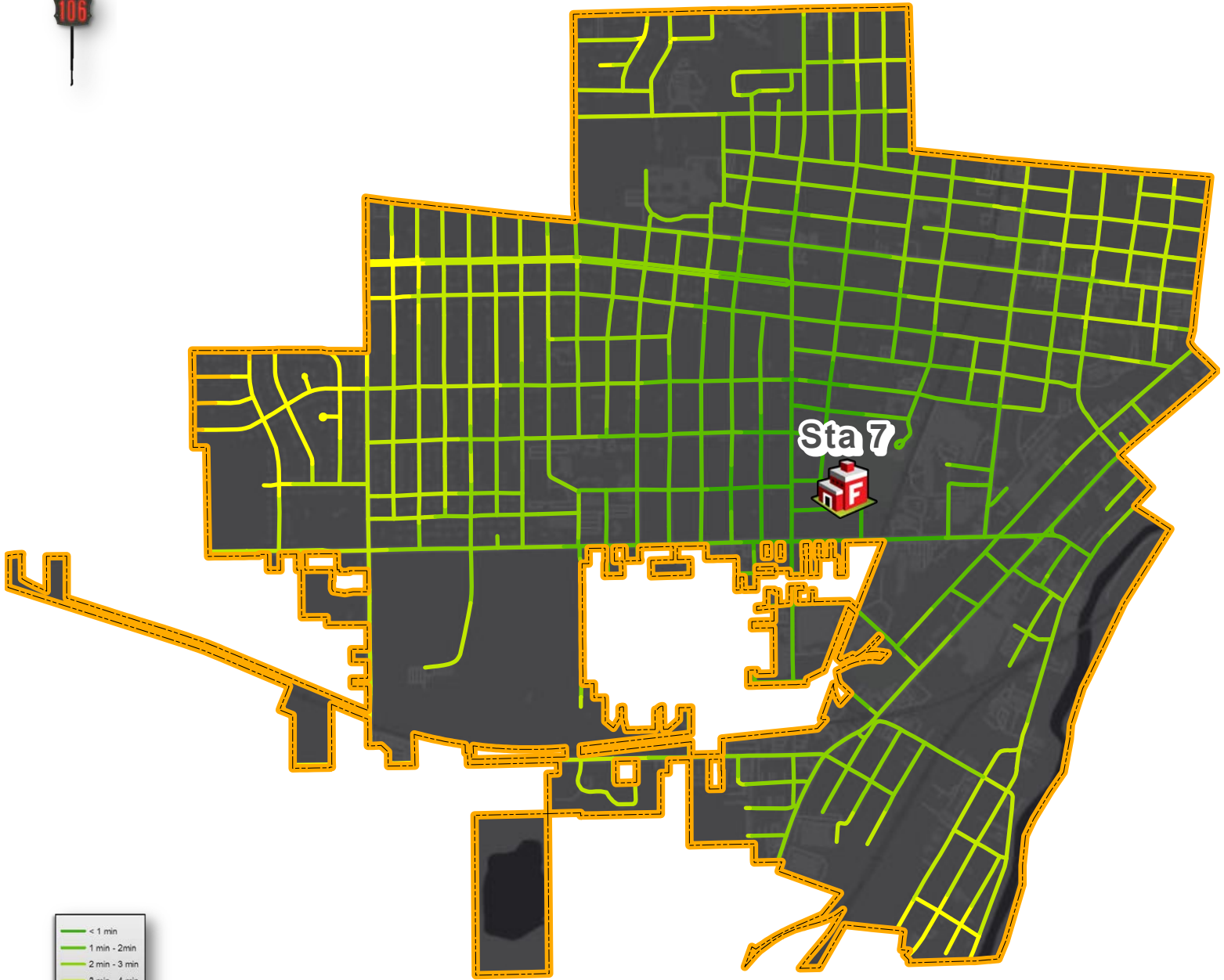
99%

AREA IN SQUARE MILES PERCENTAGE OF AoR 7

Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.



Streets Covered by Drive Time - AoR 7



—	< 1 min
—	1 min - 2 min
—	2 min - 3 min
—	3 min - 4 min
—	4 min - 5 min
—	5 min - 6 min
—	6 min - 7 min
—	7 min - 8 min
—	> 8 min



55.6
ROAD MILES



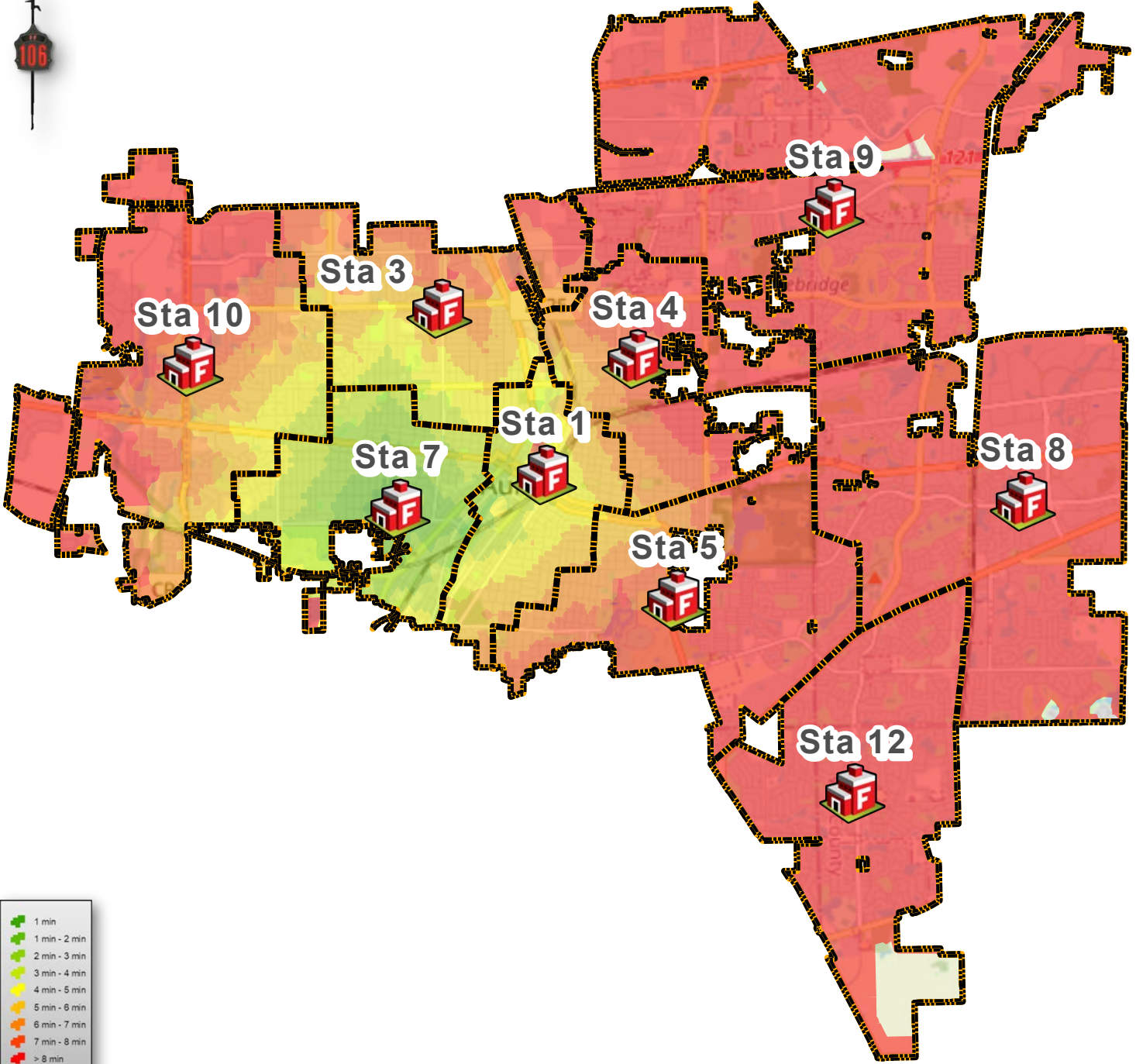
4 MINUTE COVERAGE
51.1
ROAD MILES



4 MINUTE COVERAGE
92%
PERCENTAGE OF AoR 7

Street travel time is the time of travel from the fire stations and is displayed in one-minute increments.





4 MINUTE COVERAGE

4.0

AREA IN SQUARE MILES

8%

PERCENTAGE OF TRA



8 MINUTE COVERAGE

16.1

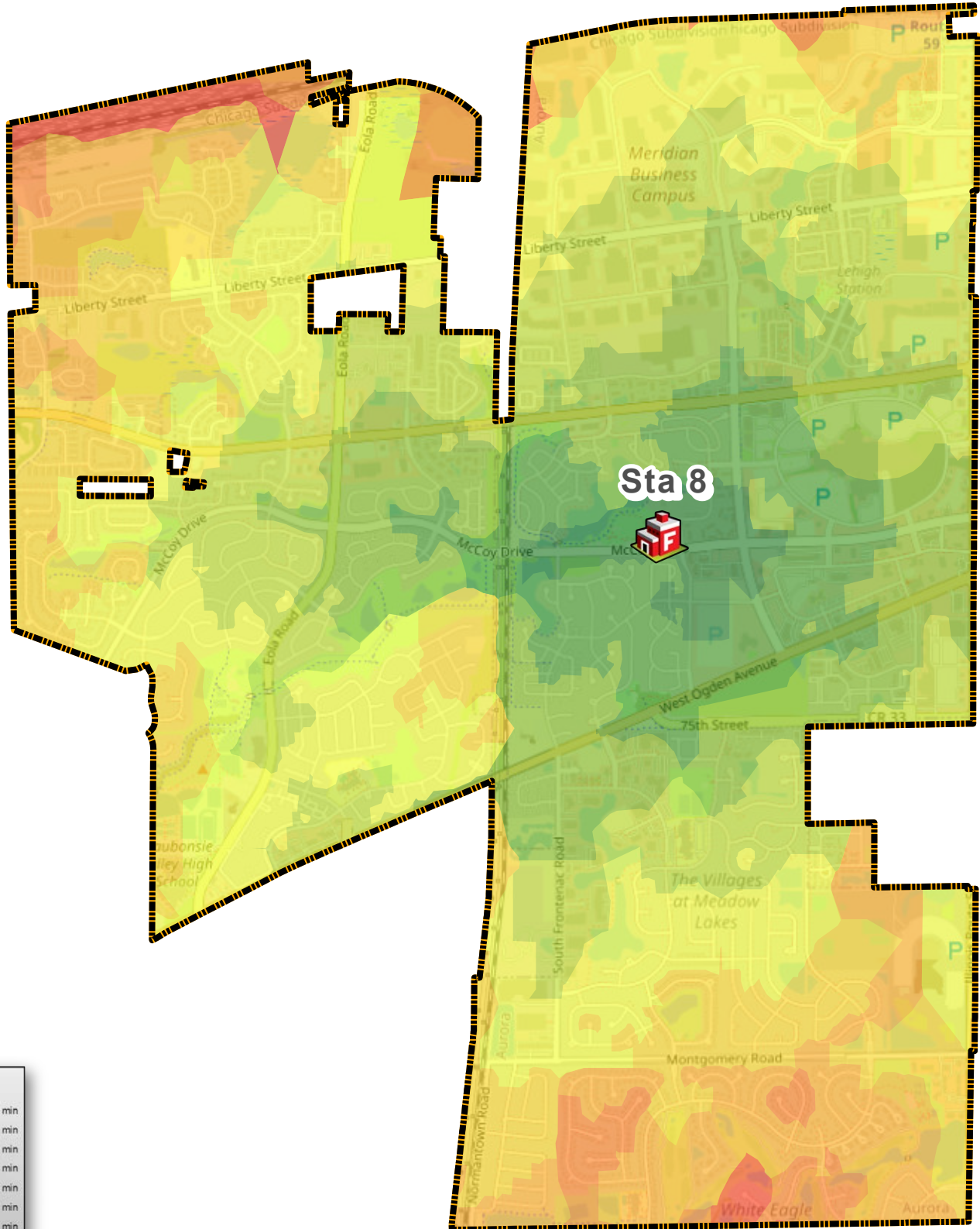
AREA IN SQUARE MILES

34%

PERCENTAGE OF TRA

Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.

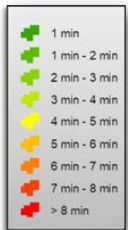
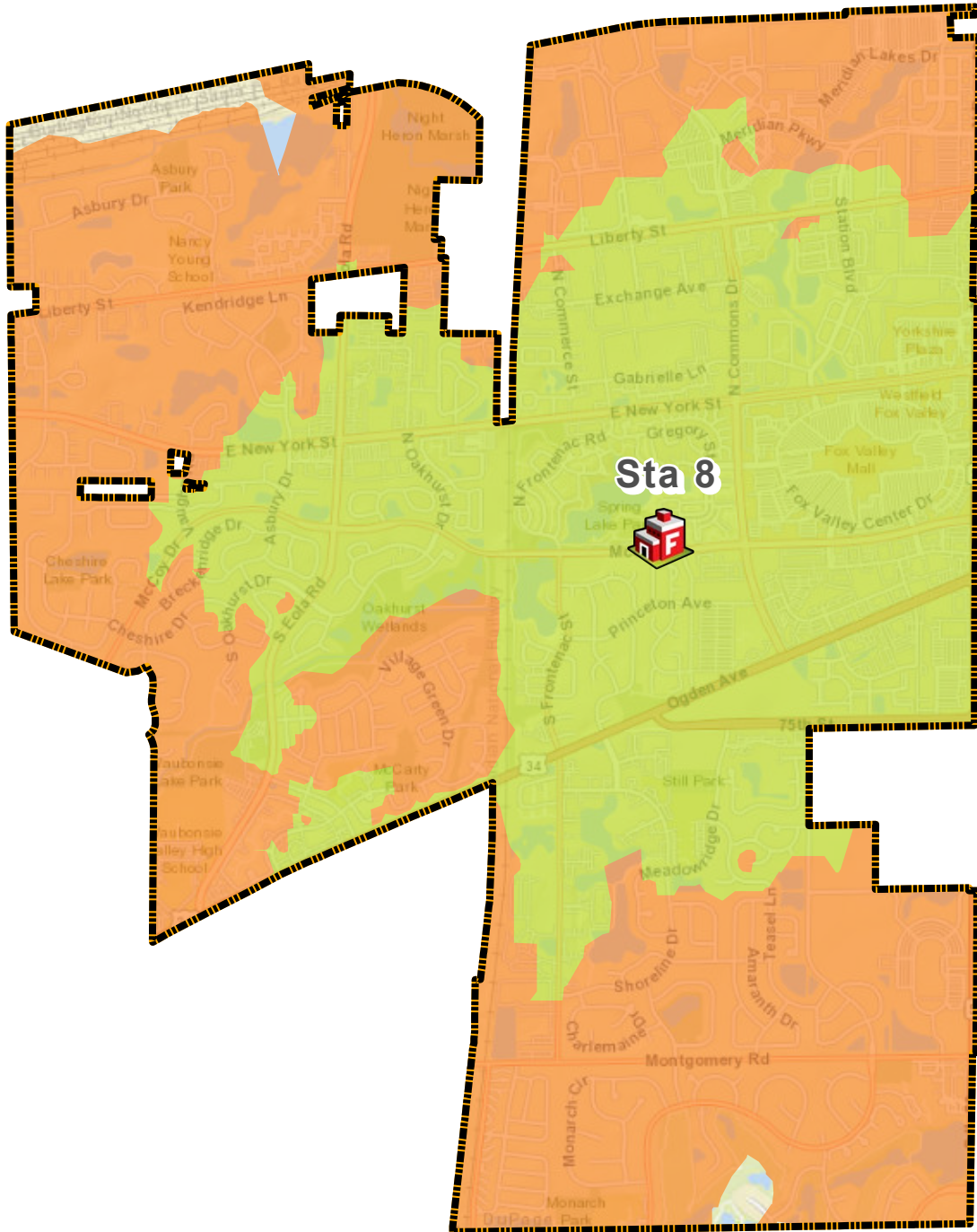




Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.



4 min and 8 min Drive Times - AoR 8



4 MINUTE COVERAGE



8 MINUTE COVERAGE

3.7

AREA IN SQUARE MILES

46%

PERCENTAGE OF AoR 8

7.8

AREA IN SQUARE MILES

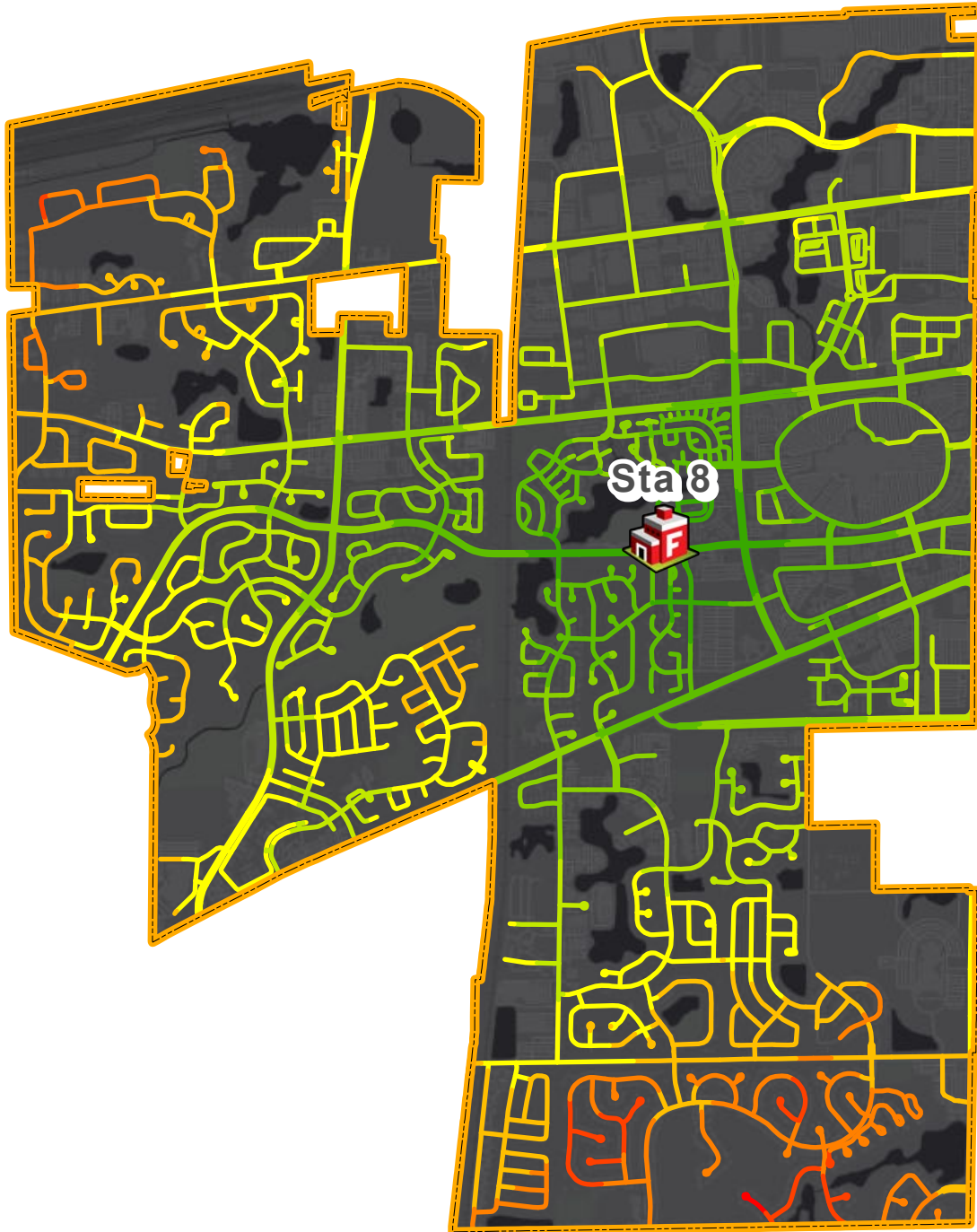
99%

PERCENTAGE OF AoR 8

Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.



Streets Covered by Drive Time - AoR 8



121.5
ROAD MILES



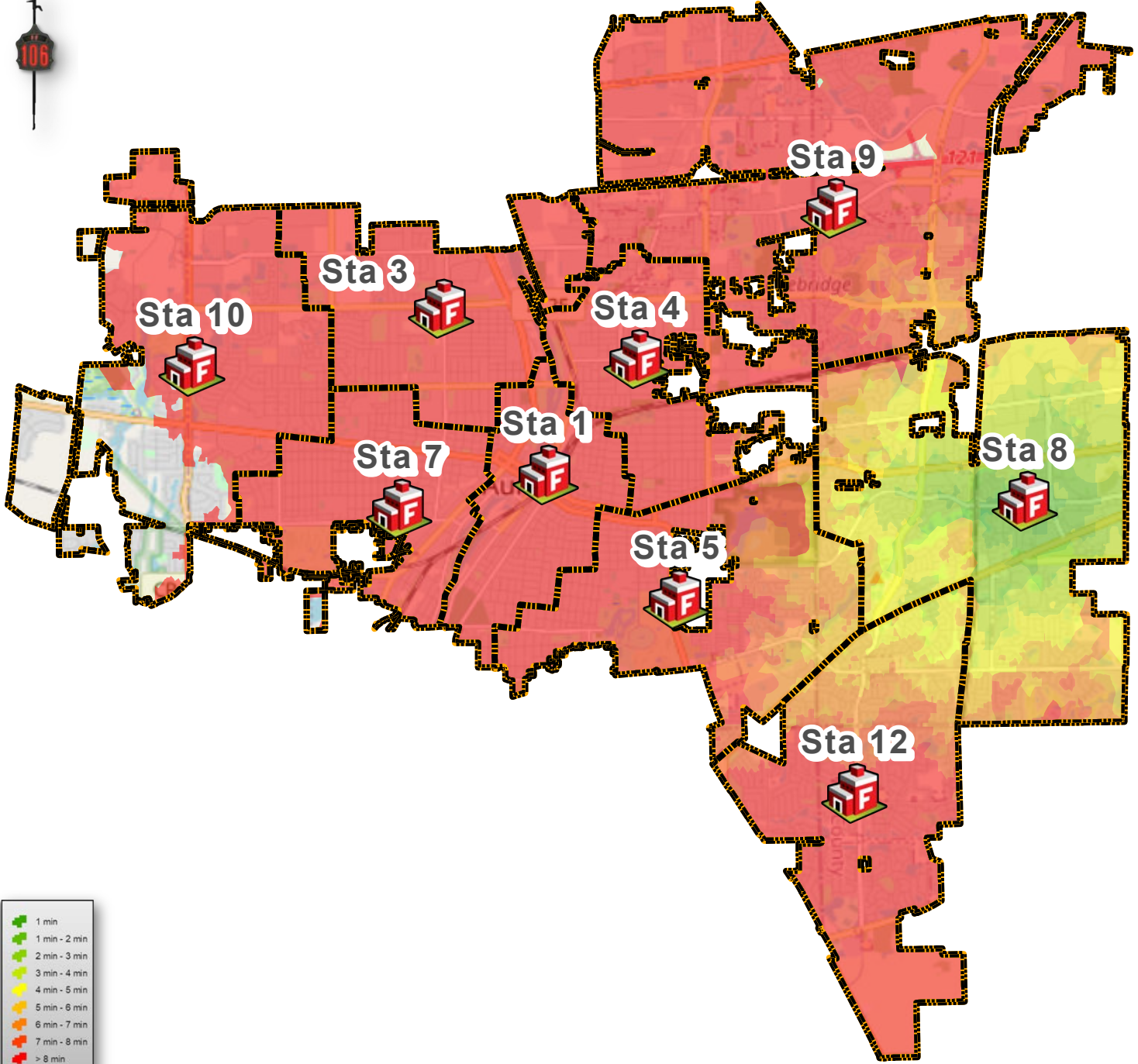
4 MINUTE COVERAGE
69.9
ROAD MILES



4 MINUTE COVERAGE
58%
PERCENTAGE OF AOR 8

Street travel time is the time of travel from the fire stations and is displayed in one-minute increments.





4 MINUTE COVERAGE

3.7

AREA IN SQUARE MILES

8%

PERCENTAGE OF TRA



8 MINUTE COVERAGE

12.7

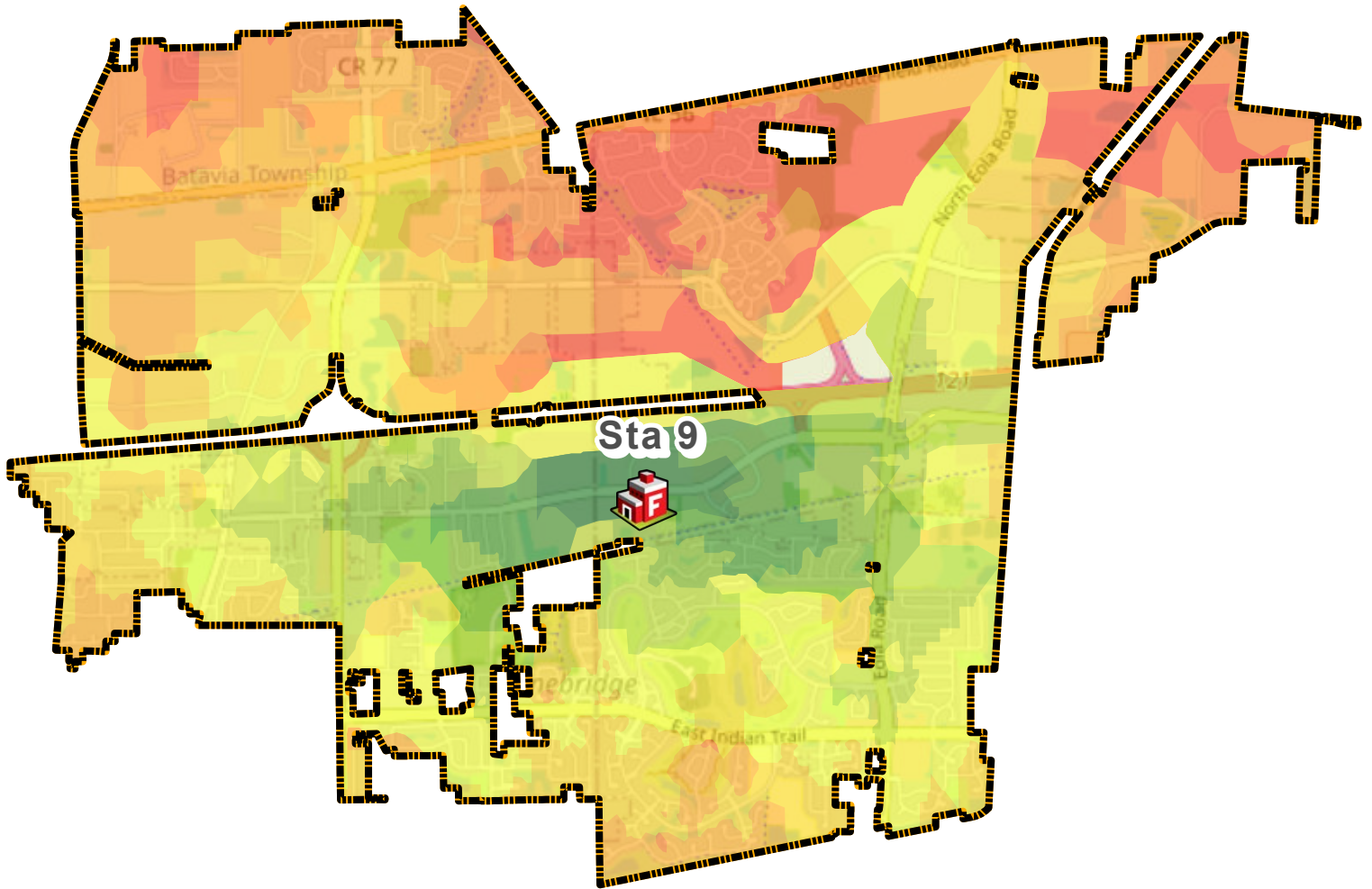
AREA IN SQUARE MILES

26%

PERCENTAGE OF TRA

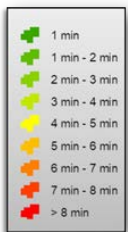
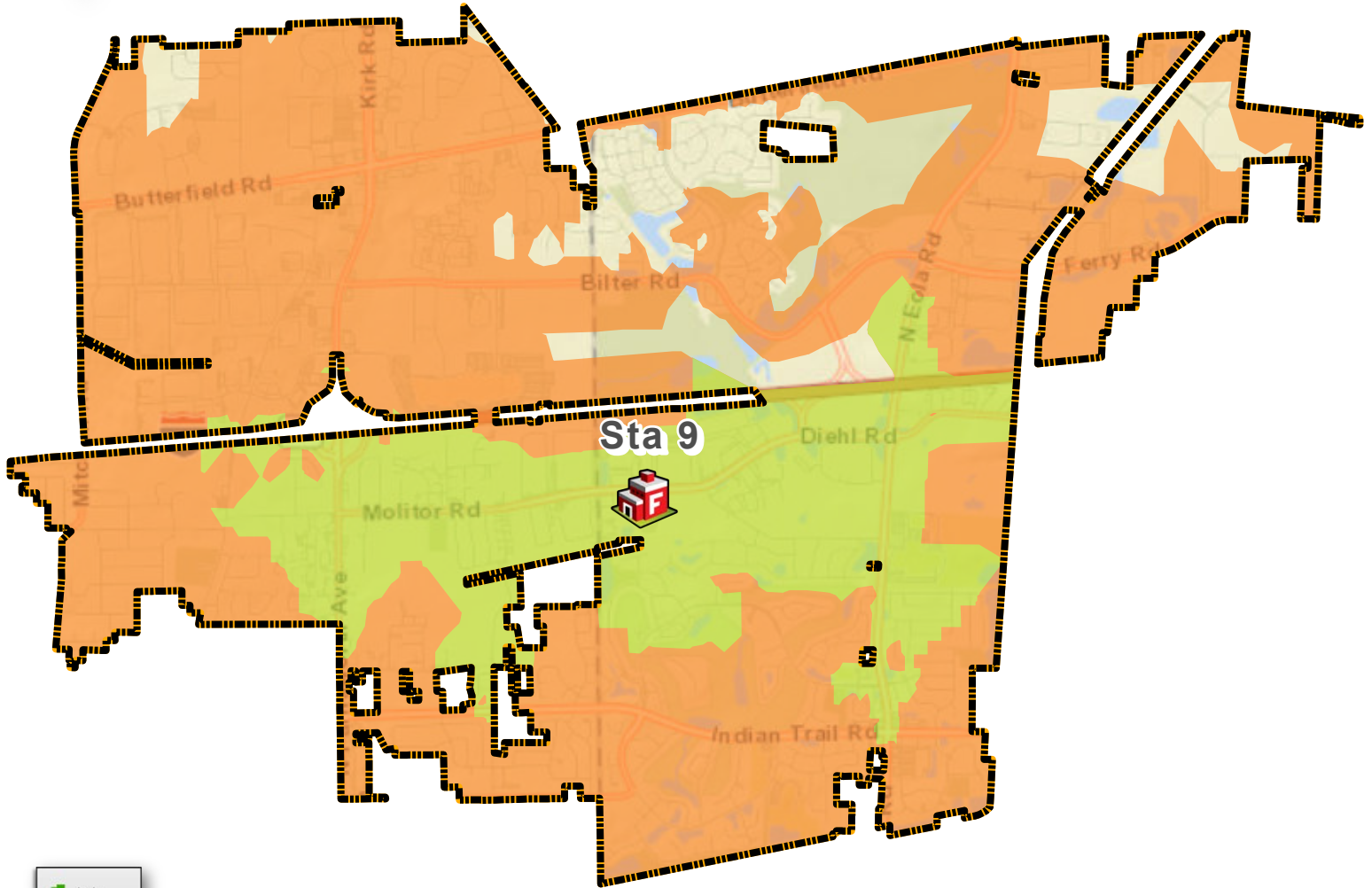
Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.





Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.





4 MINUTE COVERAGE

2.3

AREA IN SQUARE MILES

22%

PERCENTAGE OF AoR 9



8 MINUTE COVERAGE

9.2

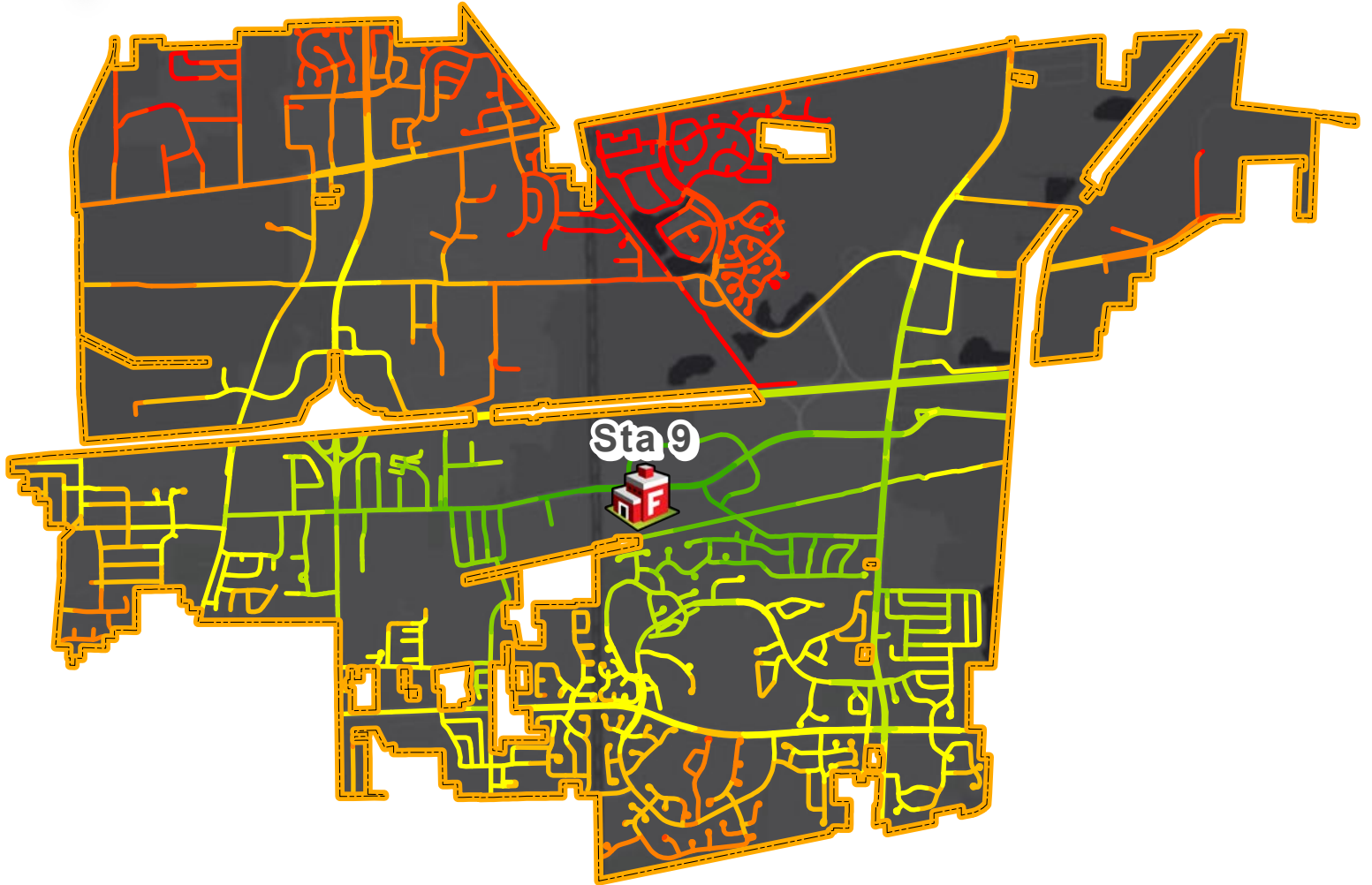
AREA IN SQUARE MILES

90%

PERCENTAGE OF AoR 9

Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.





111.5
ROAD MILES



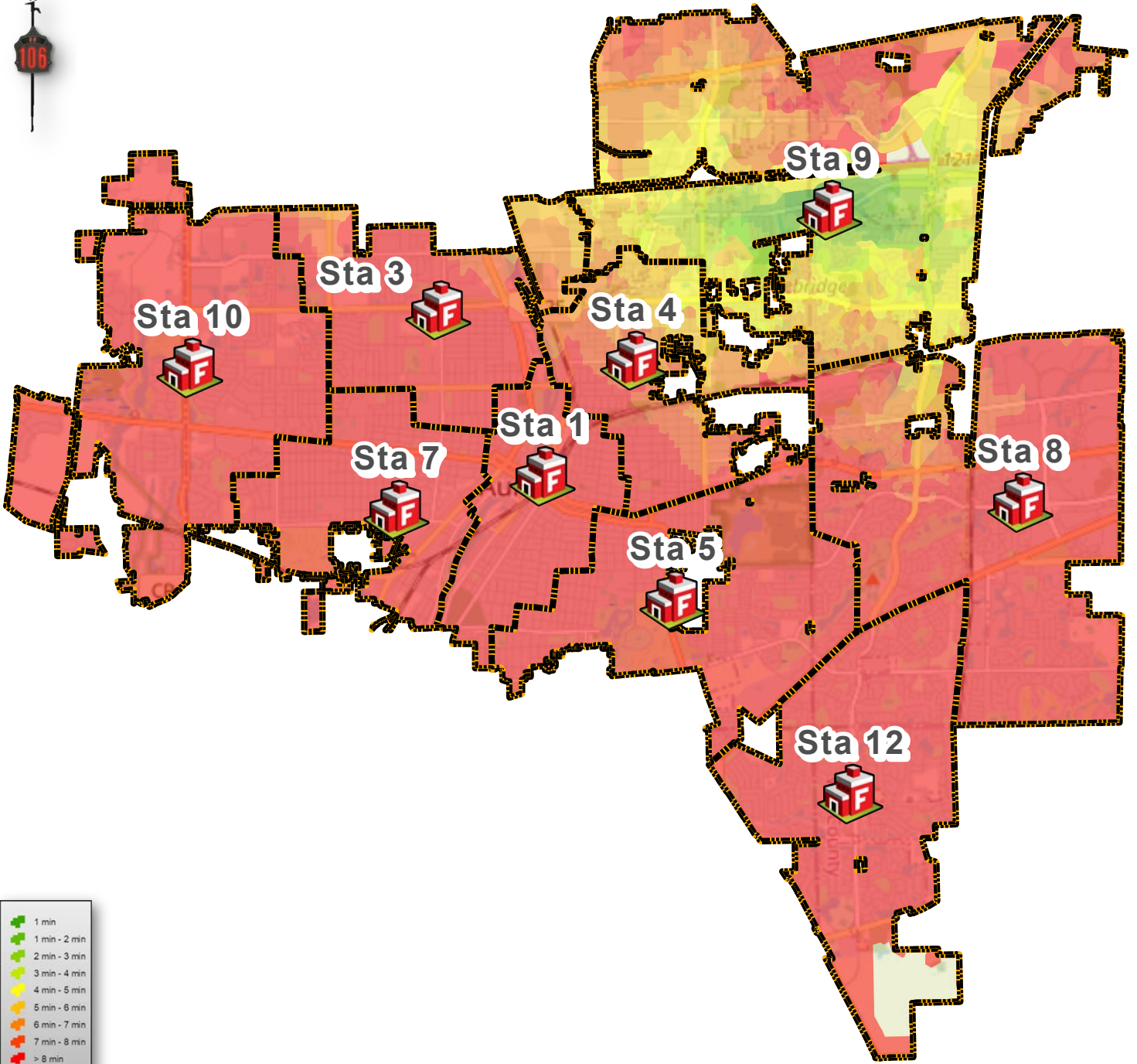
4 MINUTE COVERAGE
29.2
ROAD MILES



4 MINUTE COVERAGE
26%
PERCENTAGE OF AoR 9

Street travel time is the time of travel from the fire stations and is displayed in one-minute increments.





4 MINUTE COVERAGE

2.3

AREA IN SQUARE MILES

5%

PERCENTAGE OF TRA



8 MINUTE COVERAGE

13.5

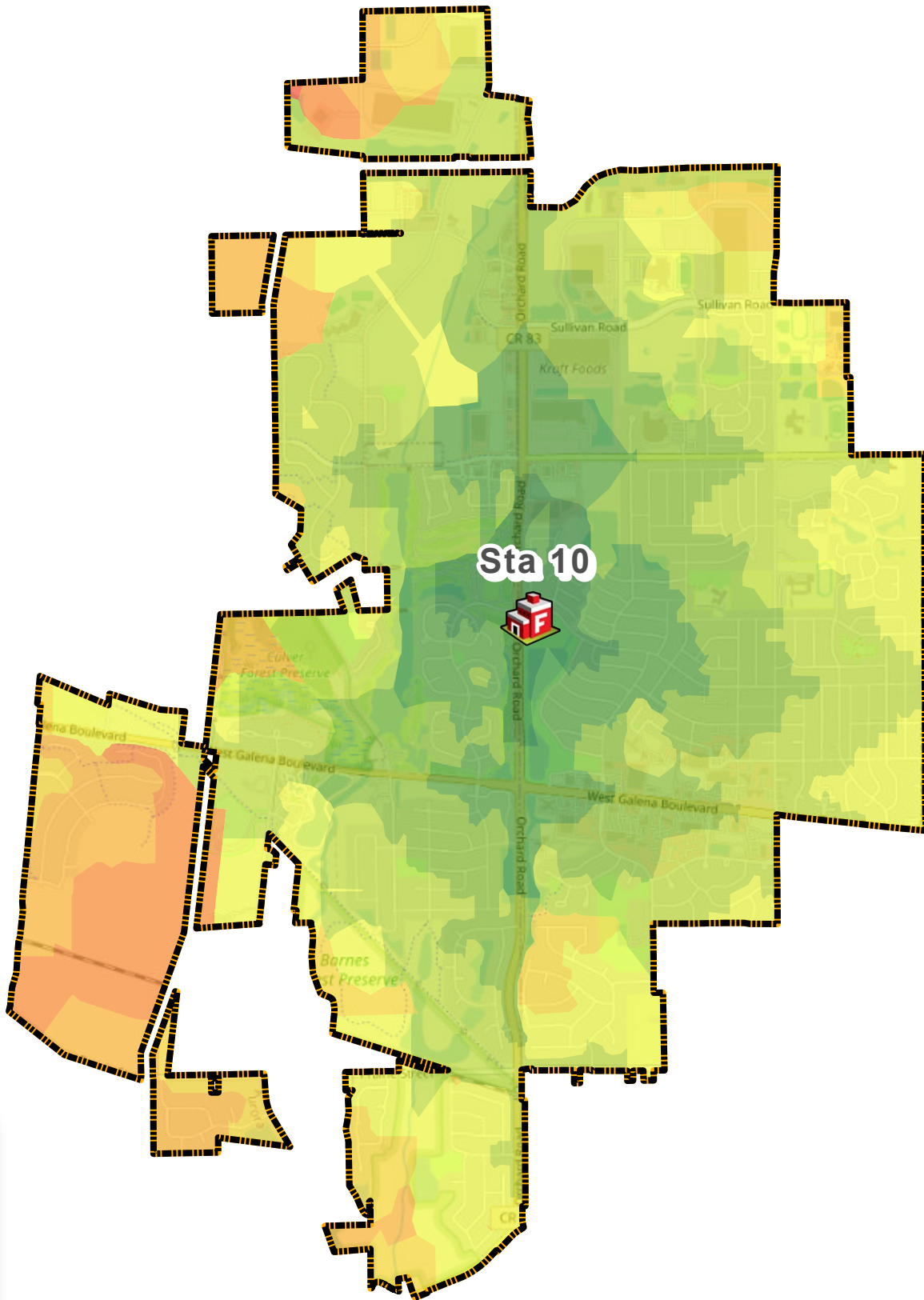
AREA IN SQUARE MILES

28%

PERCENTAGE OF TRA

Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.

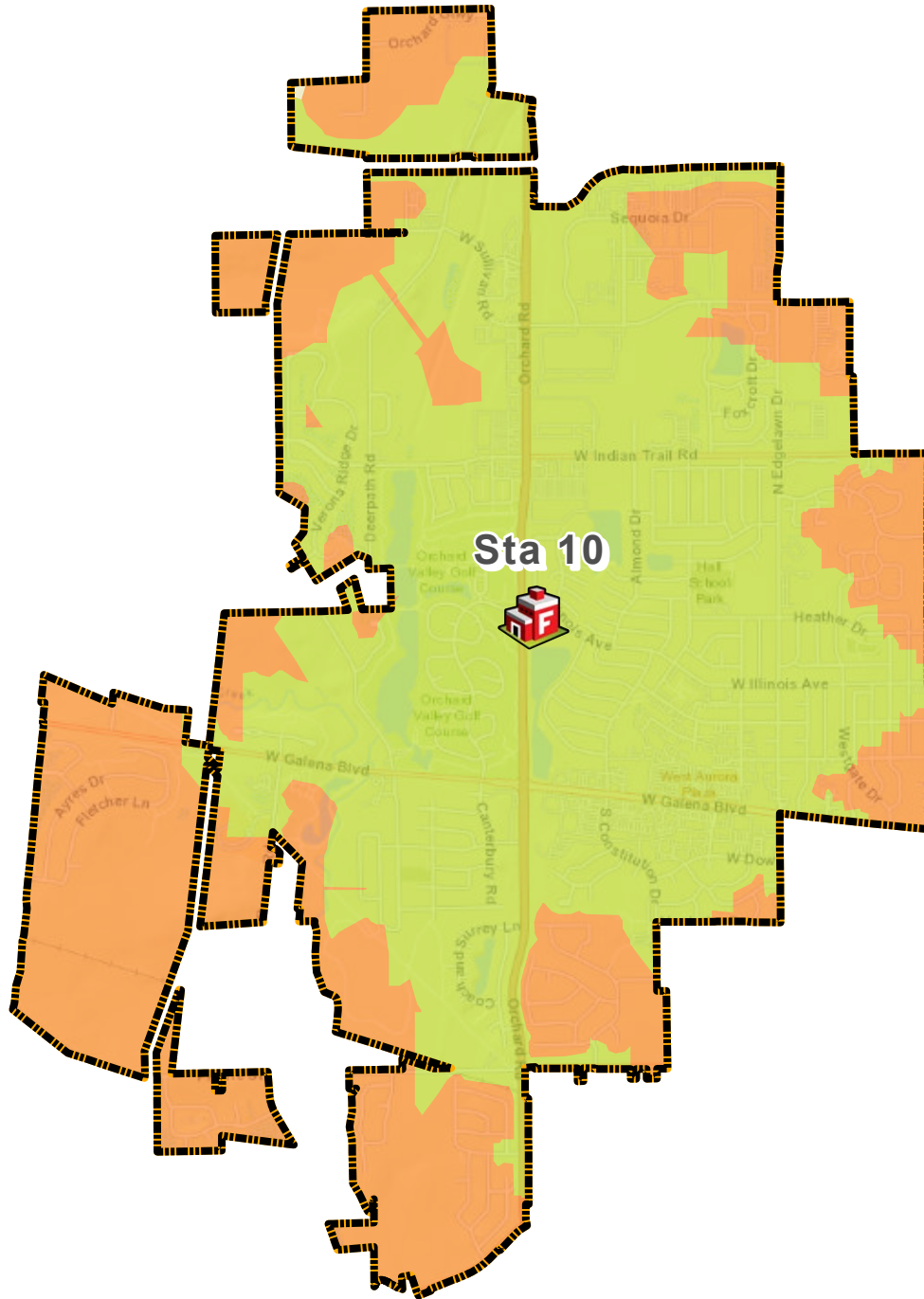




Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.



4 min and 8 min Drive Times - AoR 10



4 MINUTE COVERAGE

4.4

64%

AREA IN SQUARE MILES PERCENTAGE OF AoR 10



8 MINUTE COVERAGE

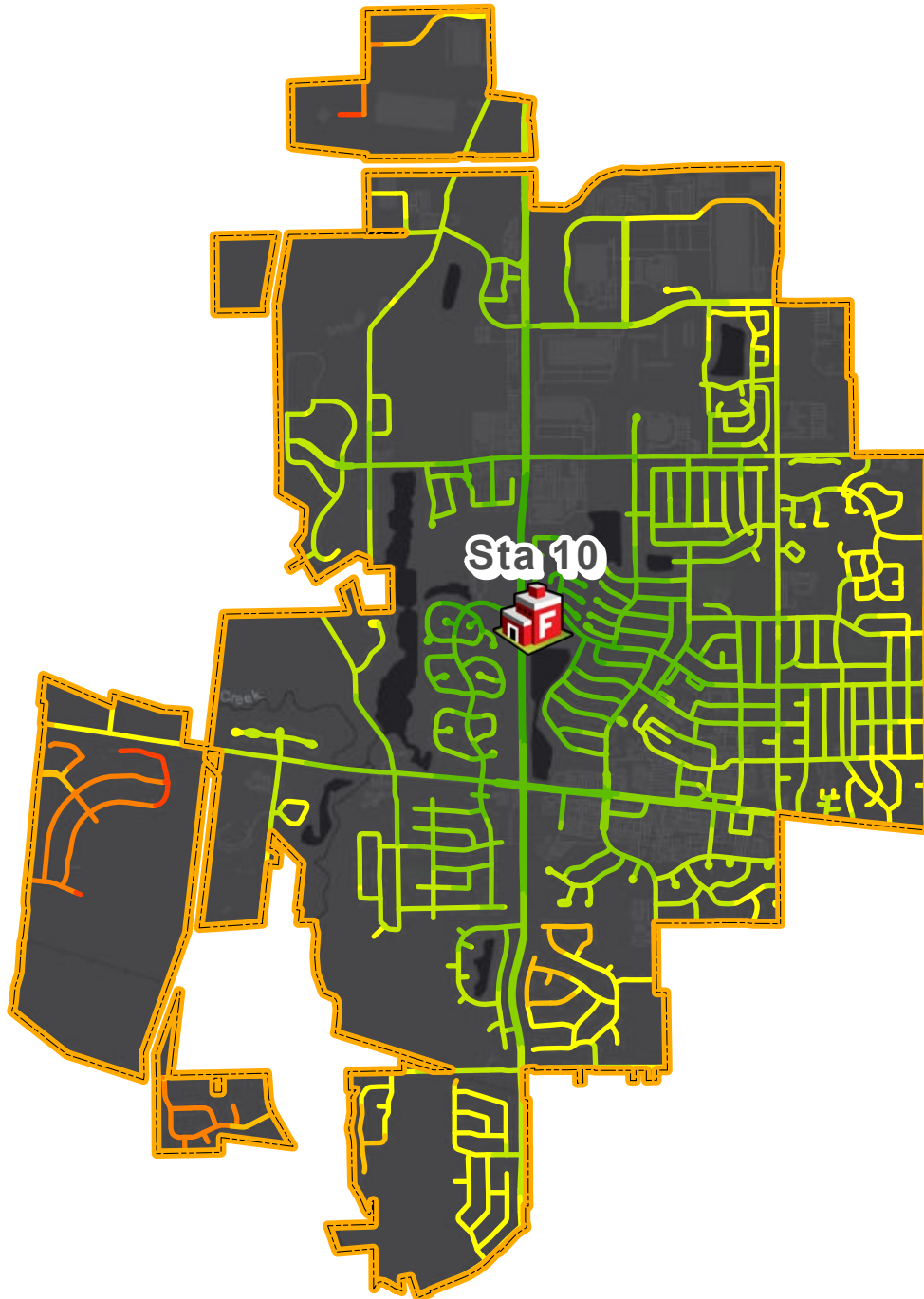
6.8

100%

AREA IN SQUARE MILES PERCENTAGE OF AoR 10

Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.





78.7
ROAD MILES



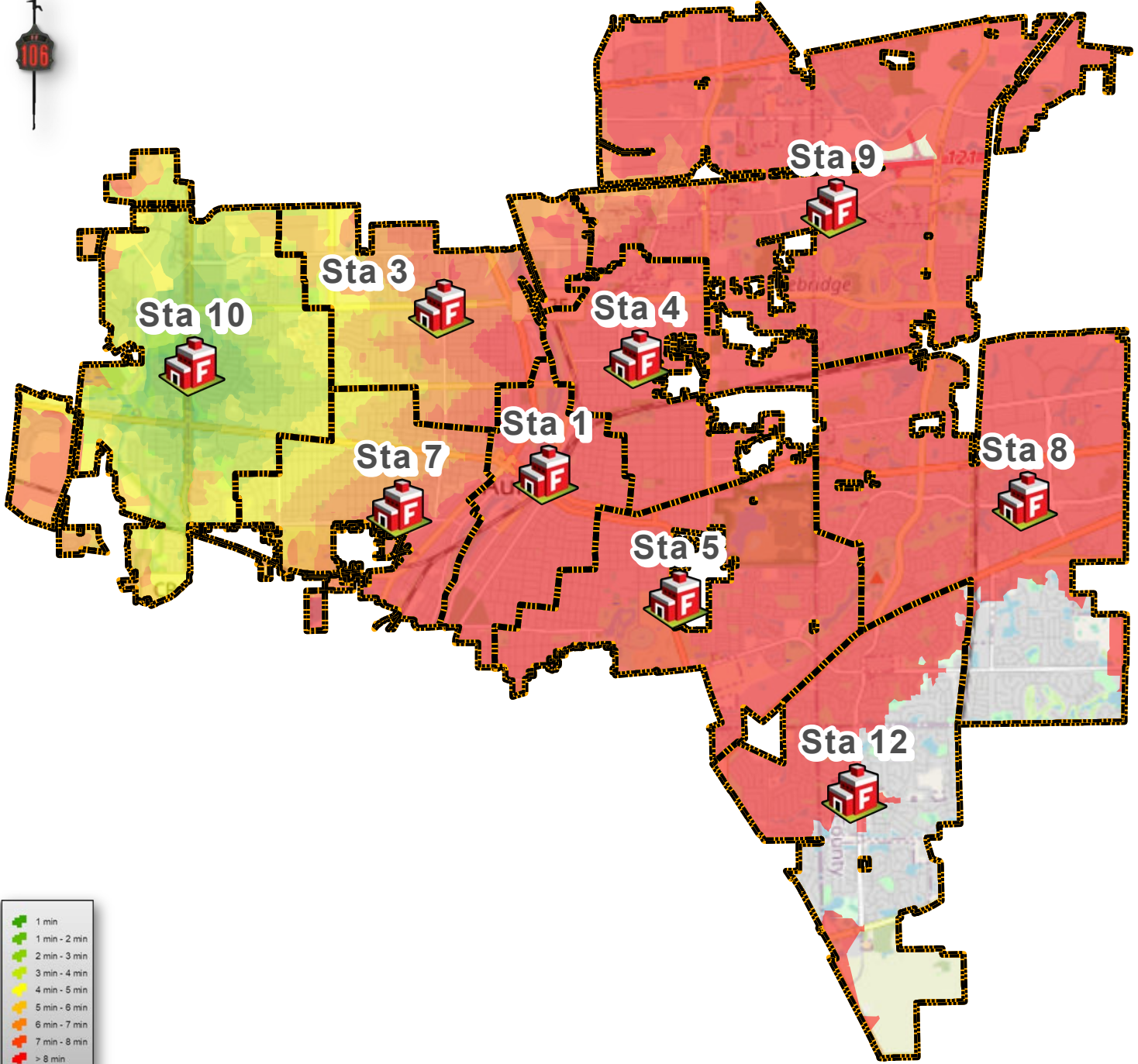
4 MINUTE COVERAGE
59.2
ROAD MILES



4 MINUTE COVERAGE
75%
PERCENTAGE OF AoR 10

Street travel time is the time of travel from the fire stations and is displayed in one-minute increments.





4 MINUTE COVERAGE

4.5

AREA IN SQUARE MILES

9%

PERCENTAGE OF TRA



8 MINUTE COVERAGE

13.0

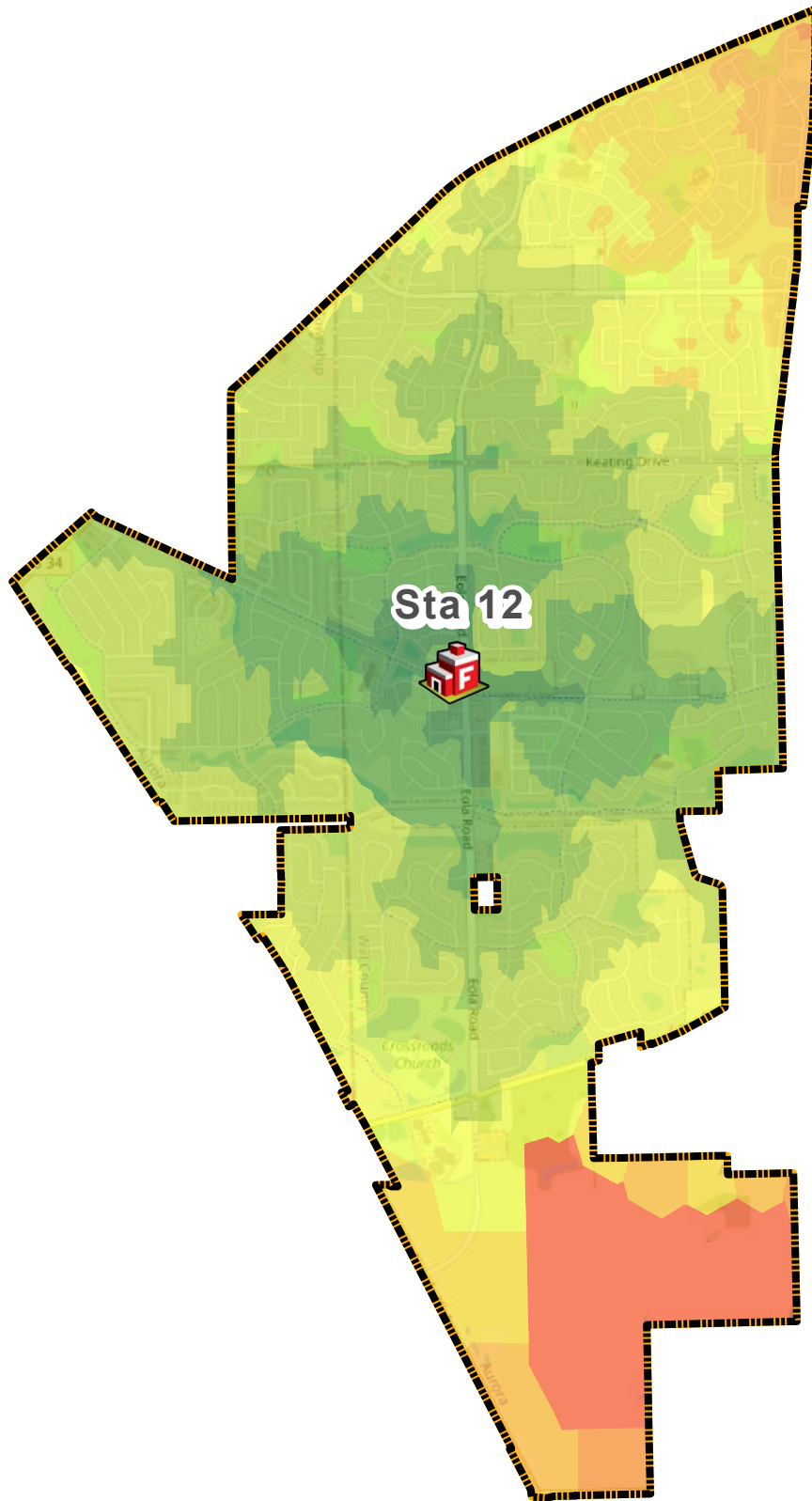
AREA IN SQUARE MILES

27%

PERCENTAGE OF TRA

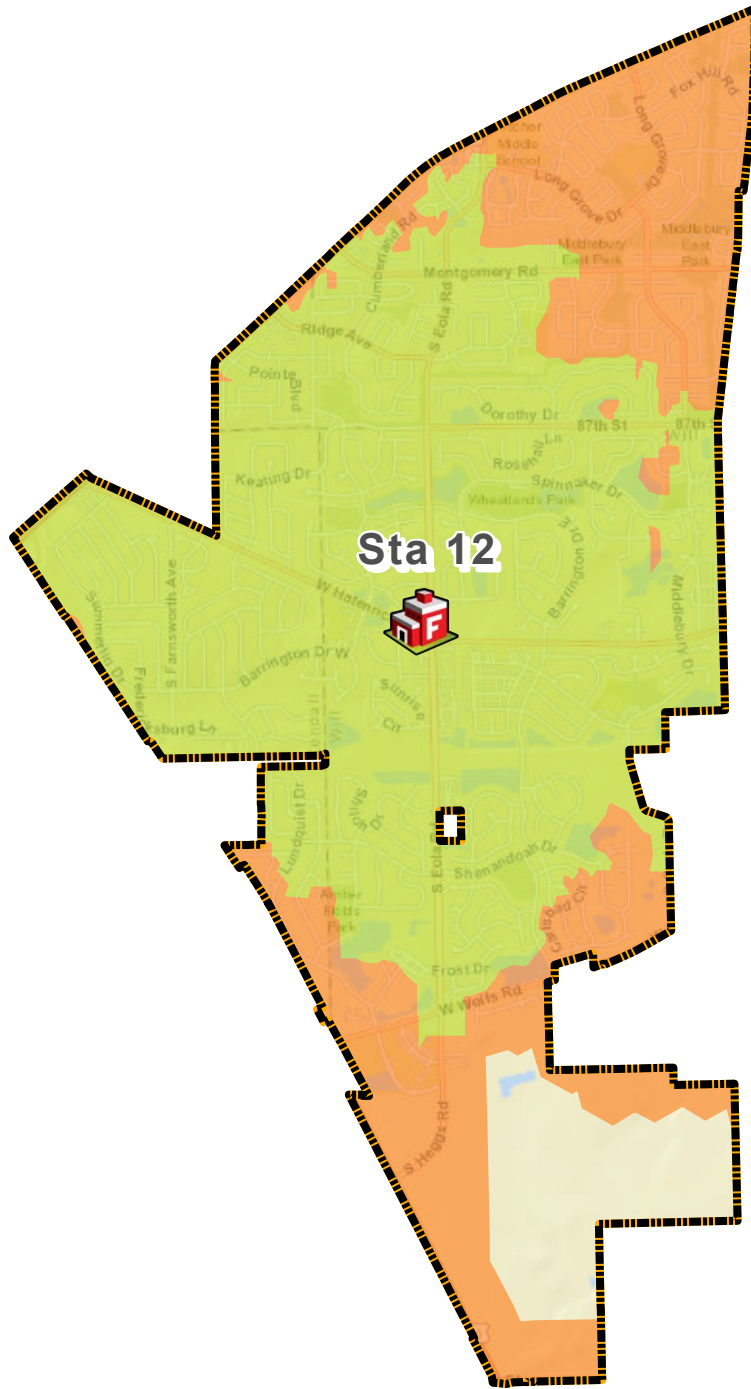
Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.





Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.





4 MINUTE COVERAGE

3.5

63%

AREA IN SQUARE MILES PERCENTAGE OF AoR 12



8 MINUTE COVERAGE

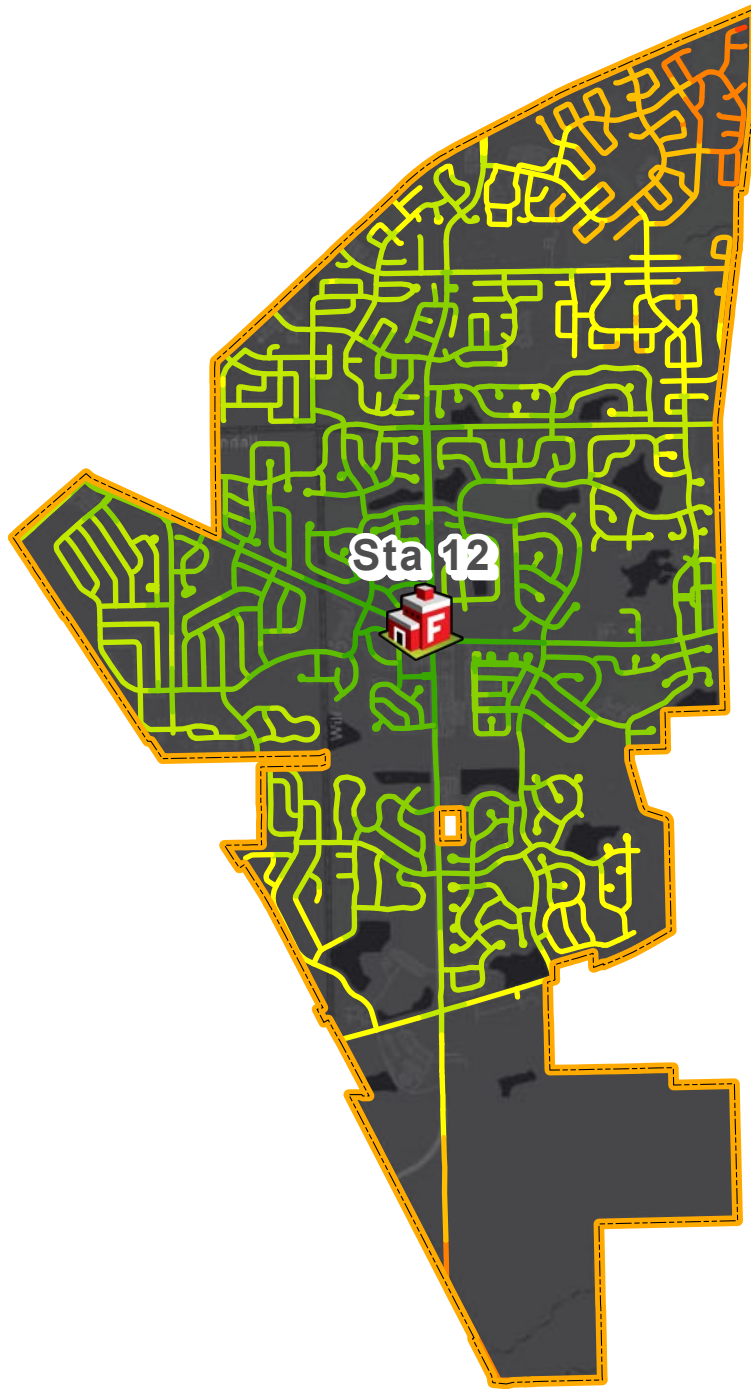
5.1

92%

AREA IN SQUARE MILES PERCENTAGE OF AoR 12

Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.





84.3 ROAD MILES



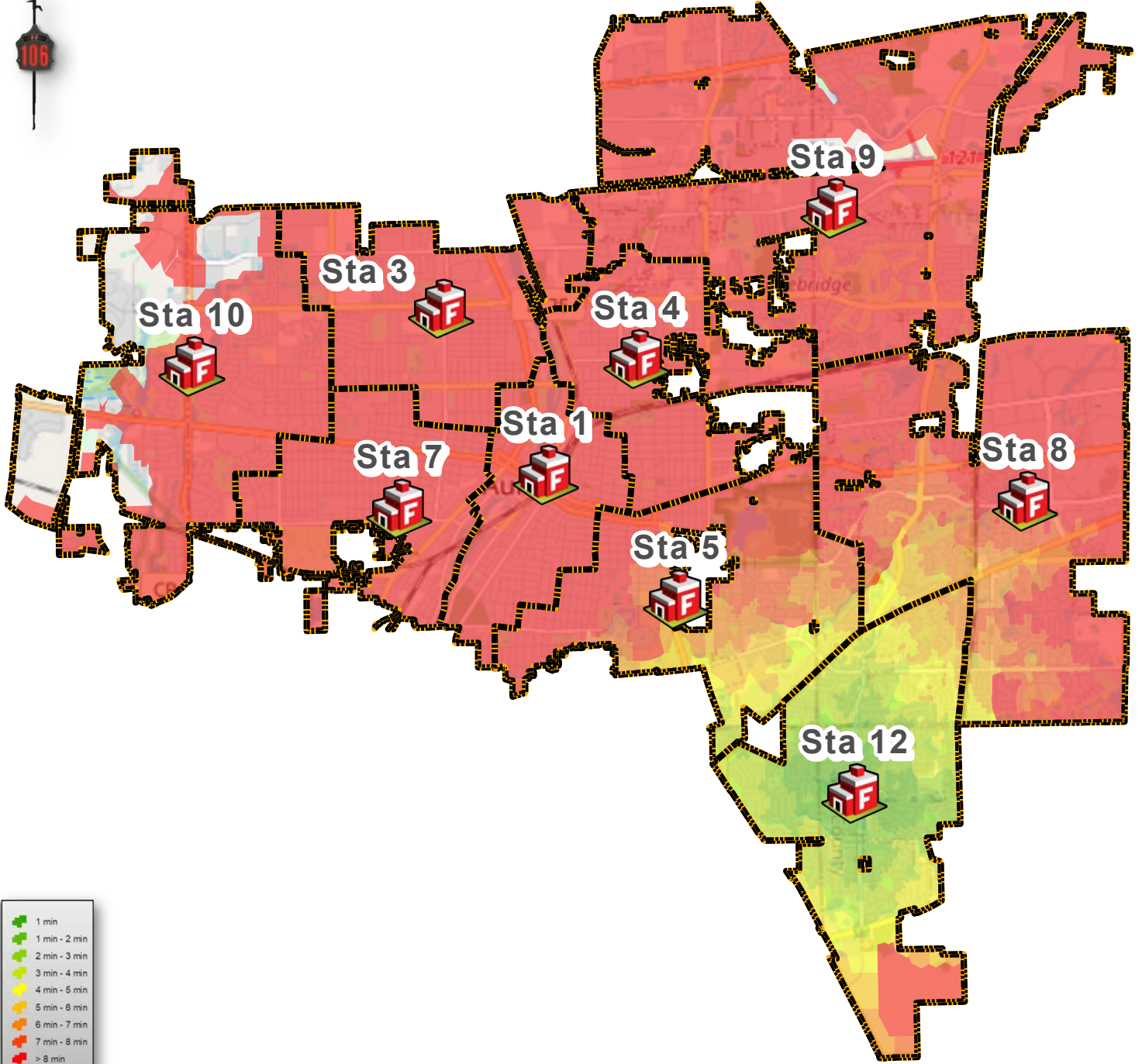
4 MINUTE COVERAGE 62.6 ROAD MILES



4 MINUTE COVERAGE 74% PERCENTAGE OF AoR 12

Street travel time is the time of travel from the fire stations and is displayed in one-minute increments.





4 MINUTE COVERAGE

3.6

AREA IN SQUARE MILES

8%

PERCENTAGE OF TRA



8 MINUTE COVERAGE

10.2

AREA IN SQUARE MILES

21%

PERCENTAGE OF TRA

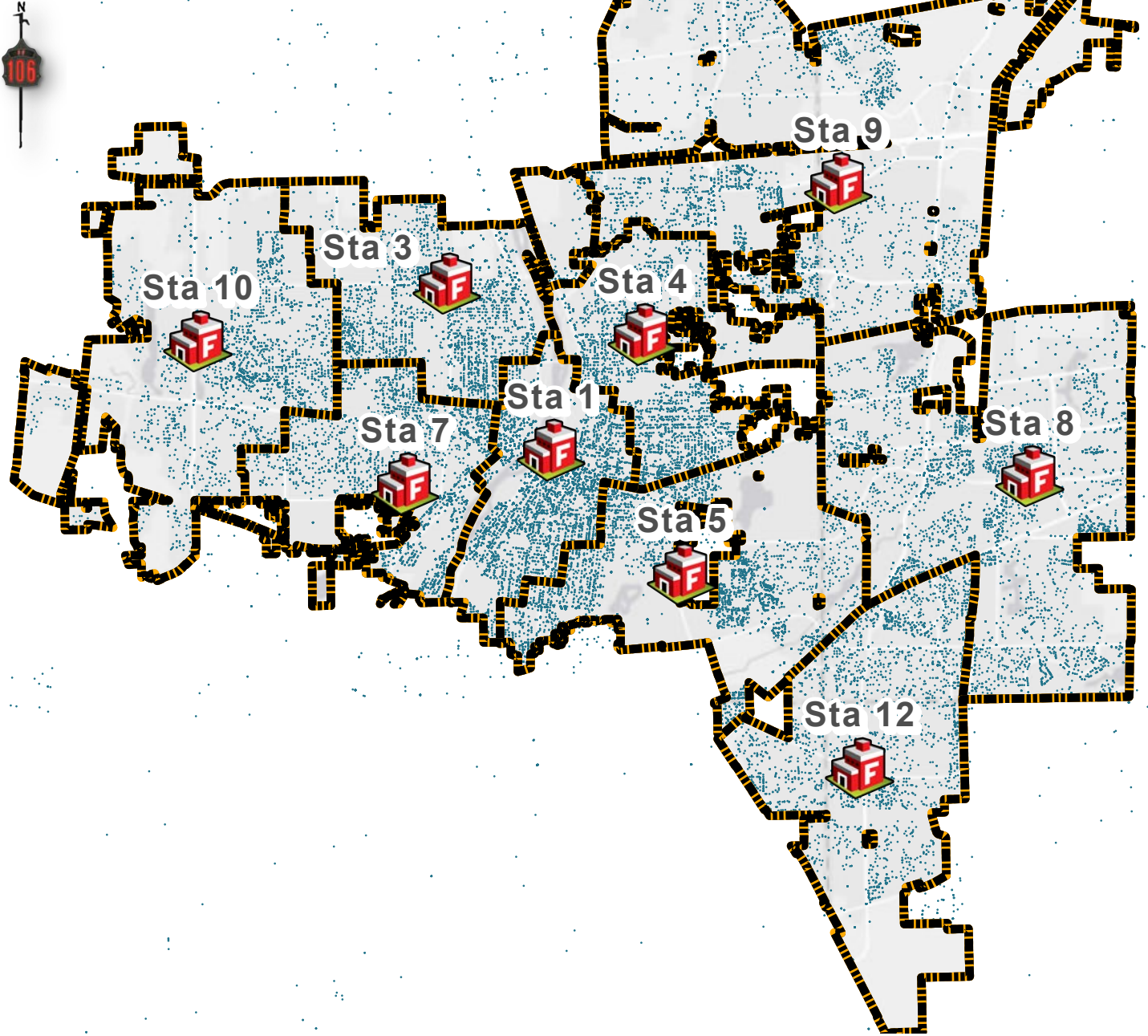
Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.





- All Incidents
- Inside TRA Incidents
- Outside TRA Incidents
- NFIRS Group - 0
- NFIRS Group - 100
- NFIRS Group - 200
- NFIRS Group - 300
- NFIRS Group - 400
- NFIRS Group - 500
- NFIRS Group - 600
- NFIRS Group - 700
- NFIRS Group - 800
- NFIRS Group - 900





AURORA FIRE DEPARTMENT

SOURCE OF INCIDENT DATA



68,925
TOTAL INCIDENTS

67,157
TRA INCIDENTS

1,768
OUTSIDE TRA INCIDENTS



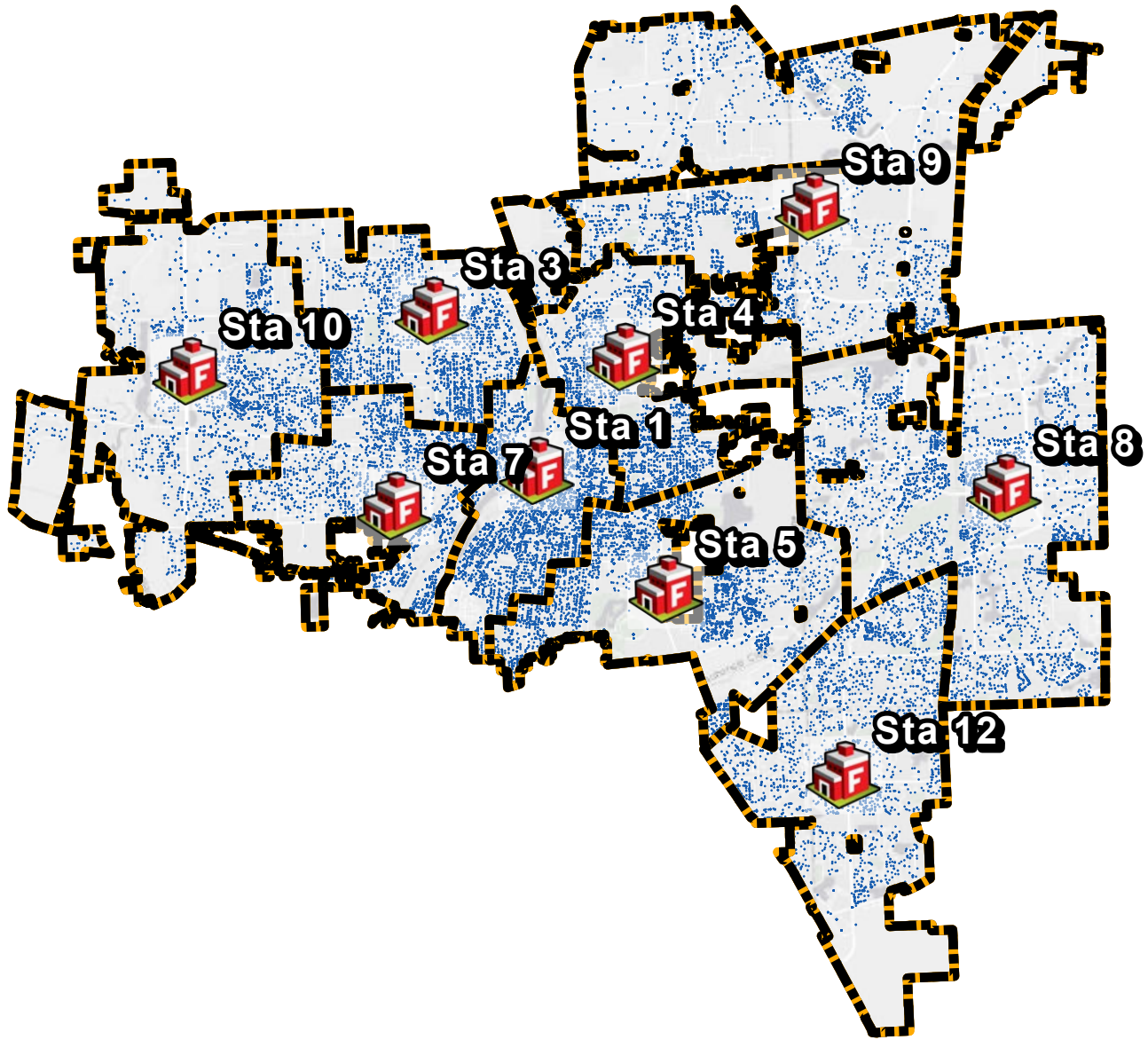
JAN 2018 - SEP 2021




INCIDENT TIME PERIOD





Incident Classes:
Fire: All NFIRS group 100
EMS: All NFIRS group 300
Other: All NFIRS groups excluding groups 100 and 300



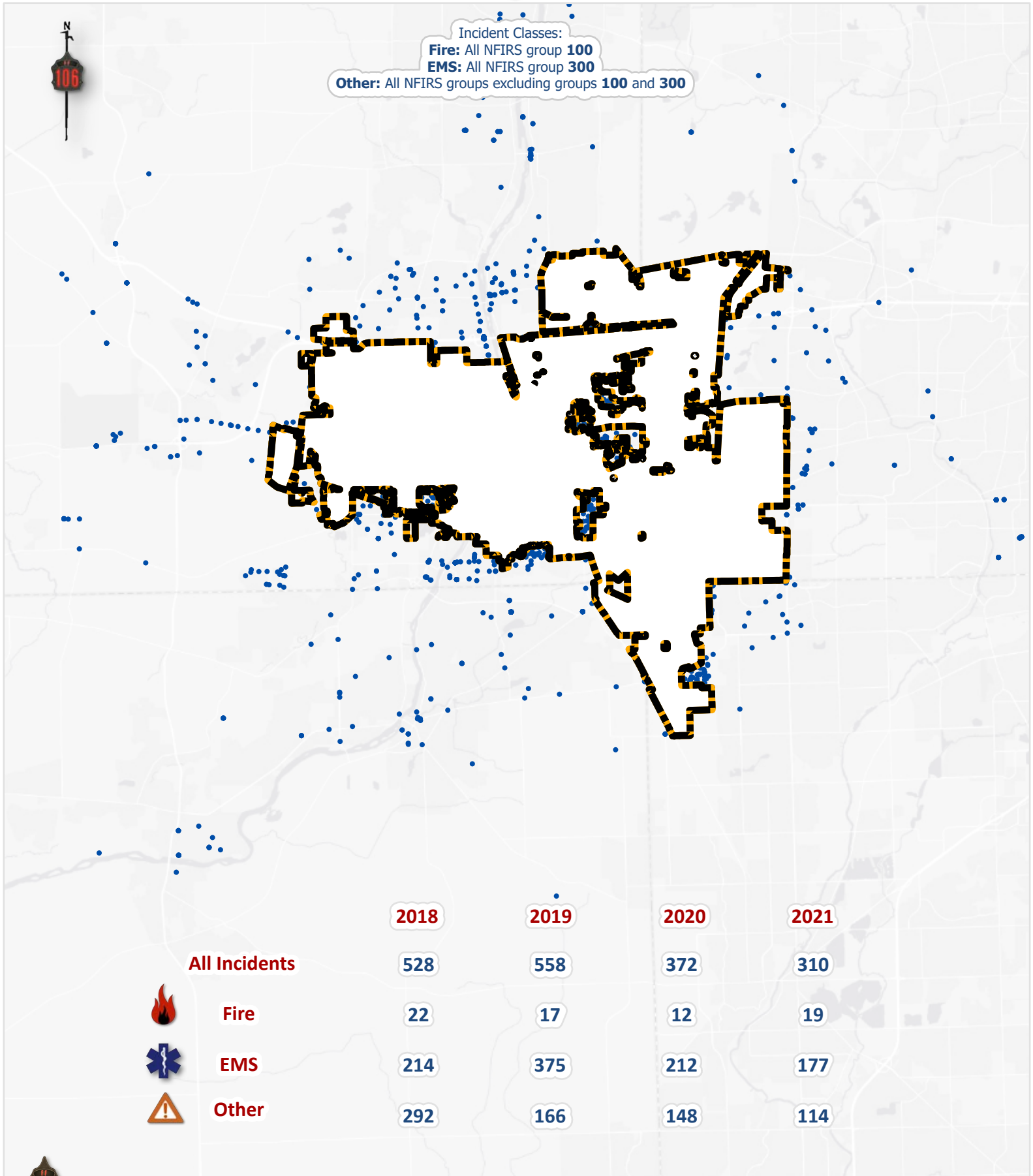
	2018	2019	2020	2021
All Incidents	16,779	18,833	17,638	13,907
 Fire	222	208	293	191
 EMS	6,312	15,229	14,155	11,191
 Other	10,245	3,396	3,190	2,525



Outside TRA Incidents



Incident Classes:
Fire: All NFIRS group **100**
EMS: All NFIRS group **300**
Other: All NFIRS groups excluding groups **100** and **300**



	2018	2019	2020	2021
All Incidents	528	558	372	310
Fire	22	17	12	19
EMS	214	375	212	177
Other	292	166	148	114





Incident counts are for all incidents, inside and outside of TRA.

Not Recorded

8,007 Incidents

Not Recorded

8,007





Incident counts are for all incidents, inside and outside of TRA.

Fire

984 Incidents

Brush or brush-and-grass mixture fire	81
Building fire	268
Camper or recreational vehicle (RV) fire	1
Chimney or flue fire, confined to chimney or flue	9
Commercial Compactor fire, confined to rubbish	3
Construction or demolition landfill fire	2
Cooking fire, confined to container	109
Cultivated grain or crop fire	1
Cultivated trees or nursery stock fire	3
Dumpster or other outside trash receptacle fire	70
Fire in portable building, fixed location	1
Fire, other	13
Fires in structure other than in a building	10
Forest, woods or wildland fire	6
Fuel burner/boiler malfunction, fire confined	4
Grass fire	18
Incinerator overload or malfunction, fire confined	1
Mobile property (vehicle) fire, other	6
Natural vegetation fire, other	7
Off-road vehicle or heavy equipment fire	7
Outside equipment fire	18
Outside gas or vapor combustion explosion	1
Outside mailbox fire	1
Outside rubbish fire, other	4
Outside rubbish, trash or waste fire	100
Outside storage fire	2
Passenger vehicle fire	200
Road freight or transport vehicle fire	13
Special outside fire, other	5
Trash or rubbish fire, contained	20





Incident counts are for all incidents, inside and outside of TRA.

Overpressure Rupture Explosion Overheat No Fire

25 Incidents

Excessive heat, scorch burns with no ignition	19
Fireworks explosion (no fire)	1
Overpressure rupture from air or gas, other	1
Overpressure rupture of air or gas pipe/pipeline	1
Overpressure rupture of steam boiler	2
Overpressure rupture of steam pipe or pipeline	1





Incident counts are for all incidents, inside and outside of TRA.

Rescue EMS

47,865 Incidents

Electrocution or potential electrocution	1
Emergency medical service incident, other	303
EMS call, excluding vehicle accident with injury	40,916
Extrication of victim(s) from building/structure	6
Extrication of victim(s) from machinery	7
Extrication of victim(s) from vehicle	37
Extrication, rescue, other	2
High-angle rescue	2
Ice rescue	1
Lock-in (if lock out , use 511)	24
Medical assist, assist EMS crew	2,585
Motor vehicle accident with injuries	2,686
Motor vehicle accident with no injuries.	695
Motor vehicle/pedestrian accident (MV Ped)	176
Removal of victim(s) from stalled elevator	253
Rescue or EMS standby	16
Rescue, EMS incident, other	141
Search for person in water	3
Search for person on land	1
Swift water rescue	3
Swimming/recreational water areas rescue	2
Trapped by power lines	1
Water & ice-related rescue, other	4





Incident counts are for all incidents, inside and outside of TRA.

Hazardous Condition No Fire

1,834 Incidents

Accident, potential accident, other	4
Arcing, shorted electrical equipment	126
Attempt to burn	8
Attempted burning, illegal action, other	19
Biological hazard, confirmed or suspected	3
Breakdown of light ballast	3
Building or structure weakened or collapsed	6
Carbon monoxide incident	541
Chemical hazard (no spill or leak)	9
Chemical spill or leak	8
Combustible/flammable gas/liquid condition, other	13
Electrical wiring/equipment problem, other	39
Explosive, bomb removal (for bomb scare, use 721)	1
Gas leak (natural gas or LPG)	683
Gasoline or other flammable liquid spill	49
Hazardous condition, other	17
Heat from short circuit (wiring), defective/worn	29
Oil or other combustible liquid spill	10
Overheated motor	27
Power line down	227
Refrigeration leak	3
Toxic condition, other	2
Vehicle accident, general cleanup	7





Incident counts are for all incidents, inside and outside of TRA.

Service Call

2,278 Incidents

Animal problem	8
Animal rescue	12
Assist invalid	104
Assist police or other governmental agency	67
Cover assignment, standby, moveup	9
Defective elevator, no occupants	102
Lock-out	208
Person in distress, other	14
Police matter	18
Public service	86
Public service assistance, other	20
Ring or jewelry removal	2
Service Call, other	78
Smoke or odor removal	455
Unauthorized burning	739
Water evacuation	7
Water or steam leak	300
Water problem, other	49





Incident counts are for all incidents, inside and outside of TRA.

Canceled Good Intent

2,477 Incidents

Authorized controlled burning	36
Biological hazard investigation, none found	1
Dispatched & canceled en route	1,509
EMS call, party transported by non-fire agency	4
Good intent call, other	371
HazMat release investigation w/no HazMat	77
No incident found on arrival at dispatch address	97
Prescribed fire	2
Smoke from barbecue, tar kettle	10
Smoke scare, odor of smoke	314
Steam, other gas mistaken for smoke, other	8
Steam, vapor, fog or dust thought to be smoke	35
Vicinity alarm (incident in other location)	2
Wrong location	11





Incident counts are for all incidents, inside and outside of TRA.

False Alarm False Call

5,389 Incidents

Alarm system activation, no fire - unintentional	1,098
Alarm system sounded due to malfunction	664
Biological hazard, malicious false report	1
Carbon monoxide detector activation, no CO	296
Central station, malicious false alarm	98
CO detector activation due to malfunction	184
Detector activation, no fire - unintentional	363
Direct tie to FD, malicious false alarm	2
Extinguishing system activation	6
Extinguishing system activation due to malfunction	21
False alarm or false call, other	420
Heat detector activation due to malfunction	48
Local alarm system, malicious false alarm	40
Malicious, mischievous false call, other	61
Municipal alarm system, malicious false alarm	50
Smoke detector activation due to malfunction	483
Smoke detector activation, no fire - unintentional	1,081
Sprinkler activation due to malfunction	102
Sprinkler activation, no fire - unintentional	109
System malfunction, other	70
Telephone, malicious false alarm	9
Unintentional transmission of alarm, other	183





Incident counts are for all incidents, inside and outside of TRA.

Severe Weather and Natural Disaster

11 Incidents

Flood assessment	1
Lightning strike (no fire)	2
Severe weather or natural disaster standby	2
Severe weather or natural disaster, other	1
Wind storm, tornado/hurricane assessment	5





Incident counts are for all incidents, inside and outside of TRA.

Special Incident Type

55 Incidents

Citizen complaint	37
Special type of incident, other	18





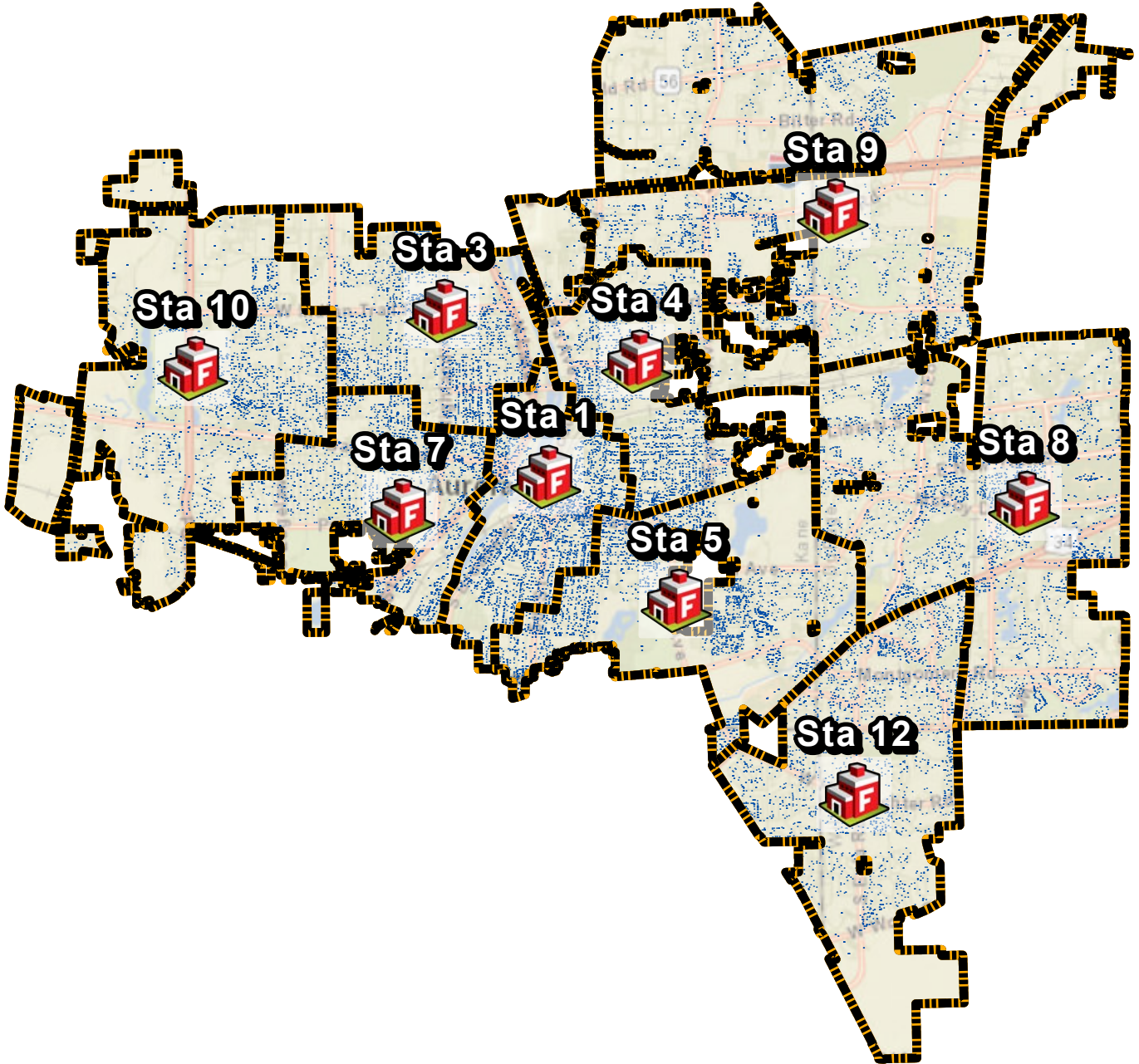
TRA
AoR 1
AoR 3
AoR 4
AoR 5
AoR 7
AoR 8
AoR 9
AoR 10
AoR 12





Counts and percentages are for incidents only within the TRA.

 **67,157**
TRA INCIDENTS



NFIRS Groups: Counts and Percentages

100	200	300	400	500	600	700	800	900
1.5%	<0.1%	78.9%	3%	3.7%	3.8%	8.8%	<0.1%	0.1%
914	24	46,887	1,797	2,223	2,249	5,243	11	54





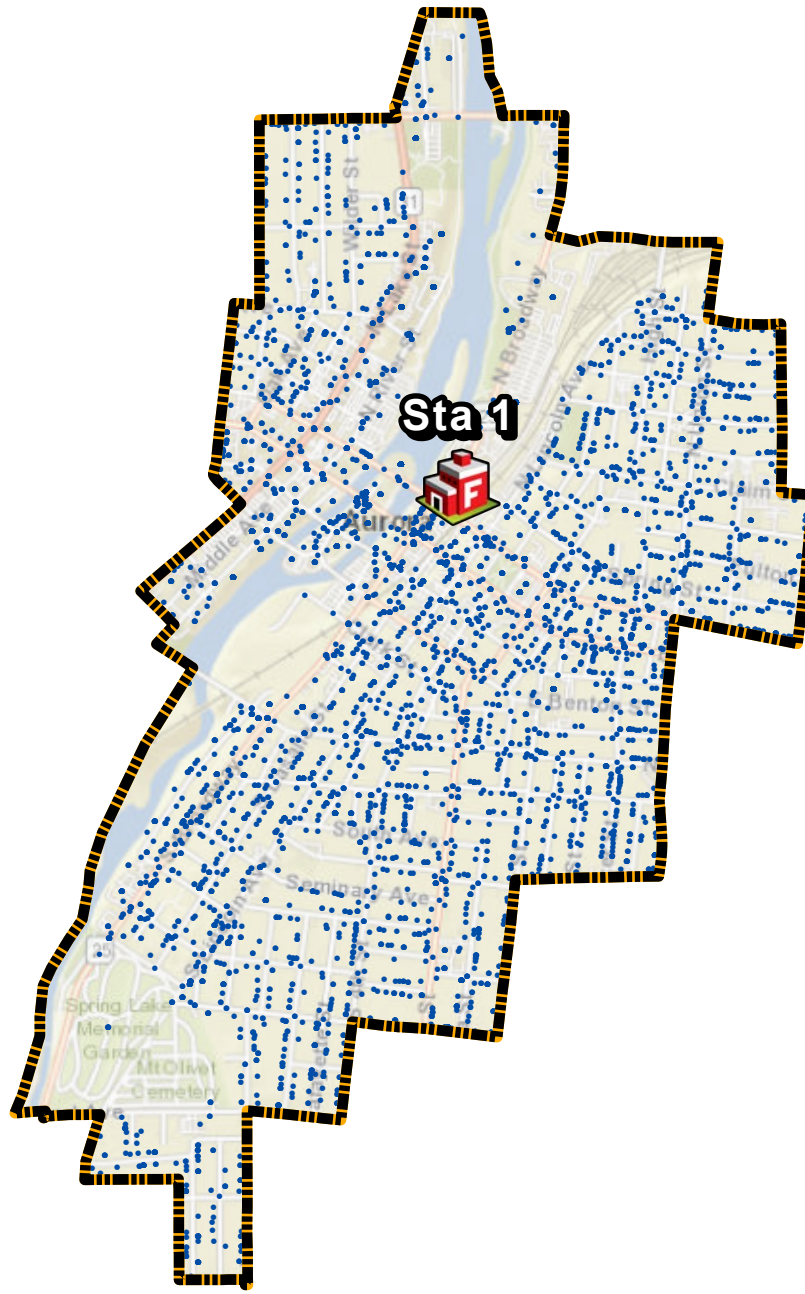
Counts and percentages are for incidents only within the AoR.



9,355
AOR INCIDENTS



16%
PERCENT OF TRA



NFIRS Groups: Percentages and Counts

100	200	300	400	500	600	700	800	900
1.3%	<0.1%	83.4%	2.1%	3.8%	2.9%	6.3%	<0.1%	<0.1%
125	2	7,823	200	361	273	588	1	4





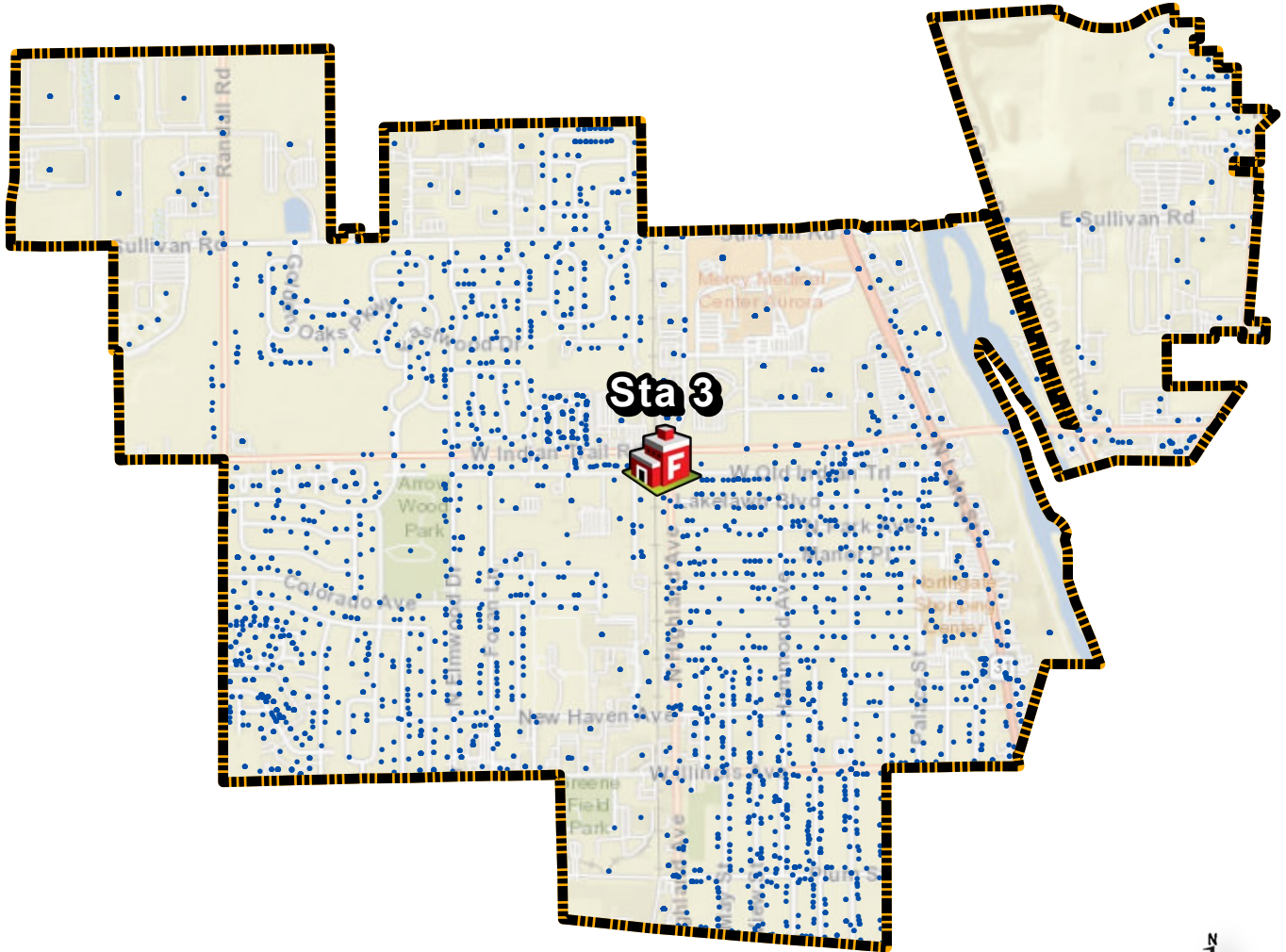
Counts and percentages are for incidents only within the AoR.



6,432
AOR INCIDENTS



11%
PERCENT OF TRA



NFIRS Groups: Percentages and Counts

100	200	300	400	500	600	700	800	900
1.8%	0.1%	80.2%	2.9%	3.6%	2.8%	8.6%	<0.1%	<0.1%
119	7	5,165	186	231	179	552	1	1





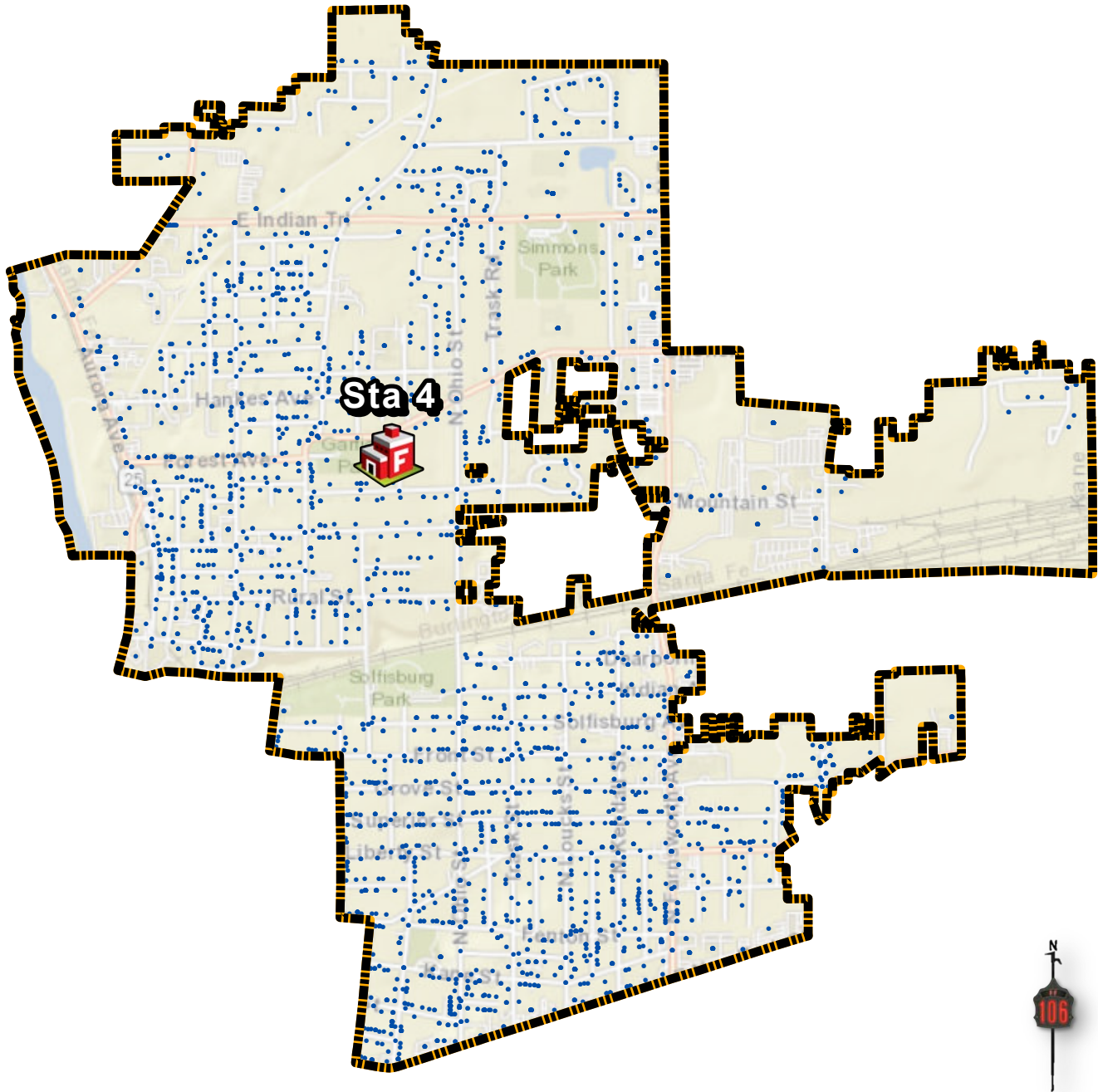
Counts and percentages are for incidents only within the AoR.



5,247
AOR INCIDENTS



9%
PERCENT OF TRA



NFIRS Groups: Percentages and Counts

100	200	300	400	500	600	700	800	900
2%	0.1%	82.7%	2.8%	3.4%	3.3%	5.7%	0%	0.1%
106	4	4,346	146	177	176	298	0	3





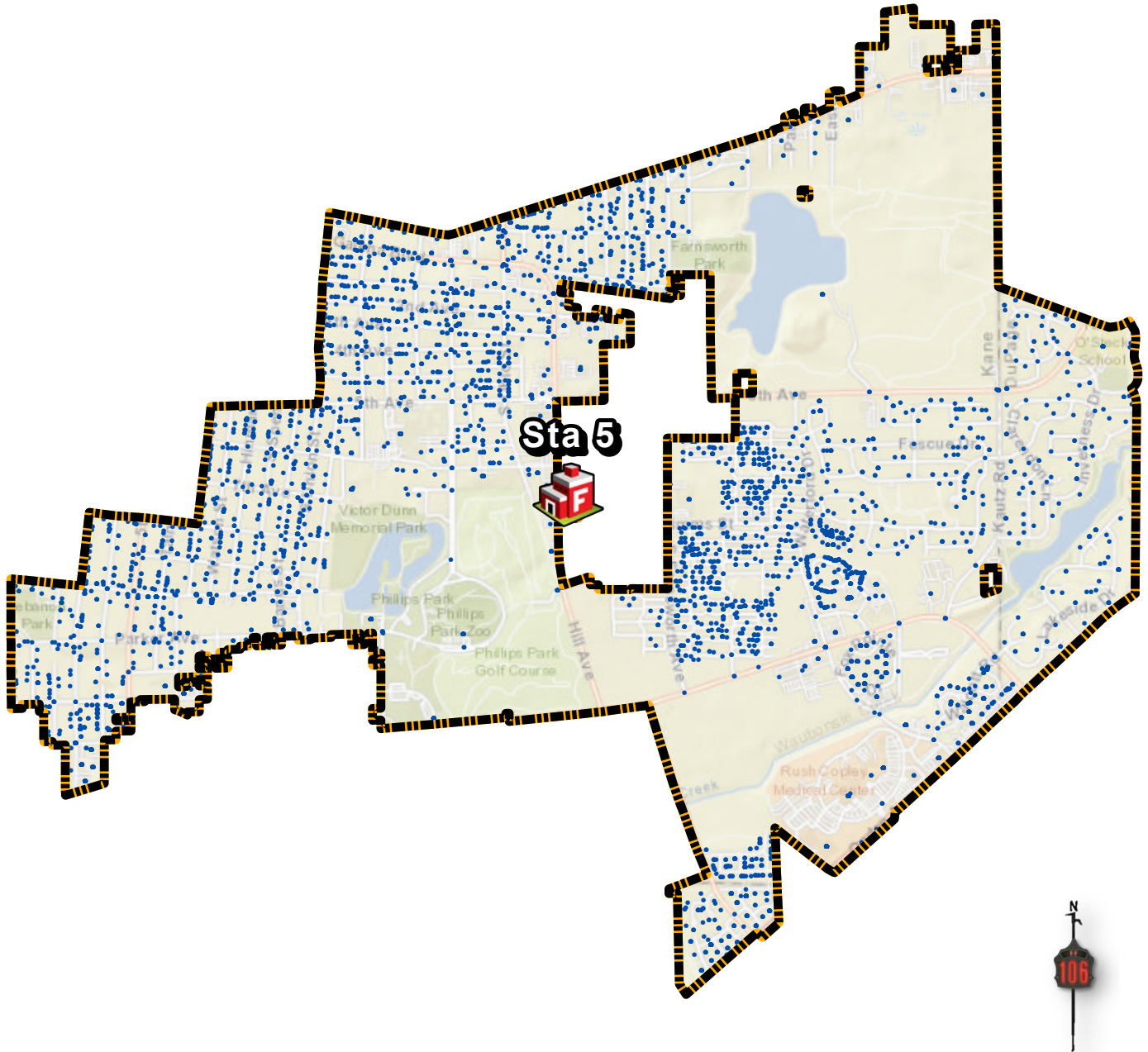
Counts and percentages are for incidents only within the AoR.



7,607
AOR INCIDENTS



13%
PERCENT OF TRA



NFIRS Groups: Percentages and Counts

100	200	300	400	500	600	700	800	900
1.4%	<0.1%	82.4%	3.6%	3.8%	3.1%	5.5%	<0.1%	0.2%
106	1	6,266	273	291	237	419	2	13





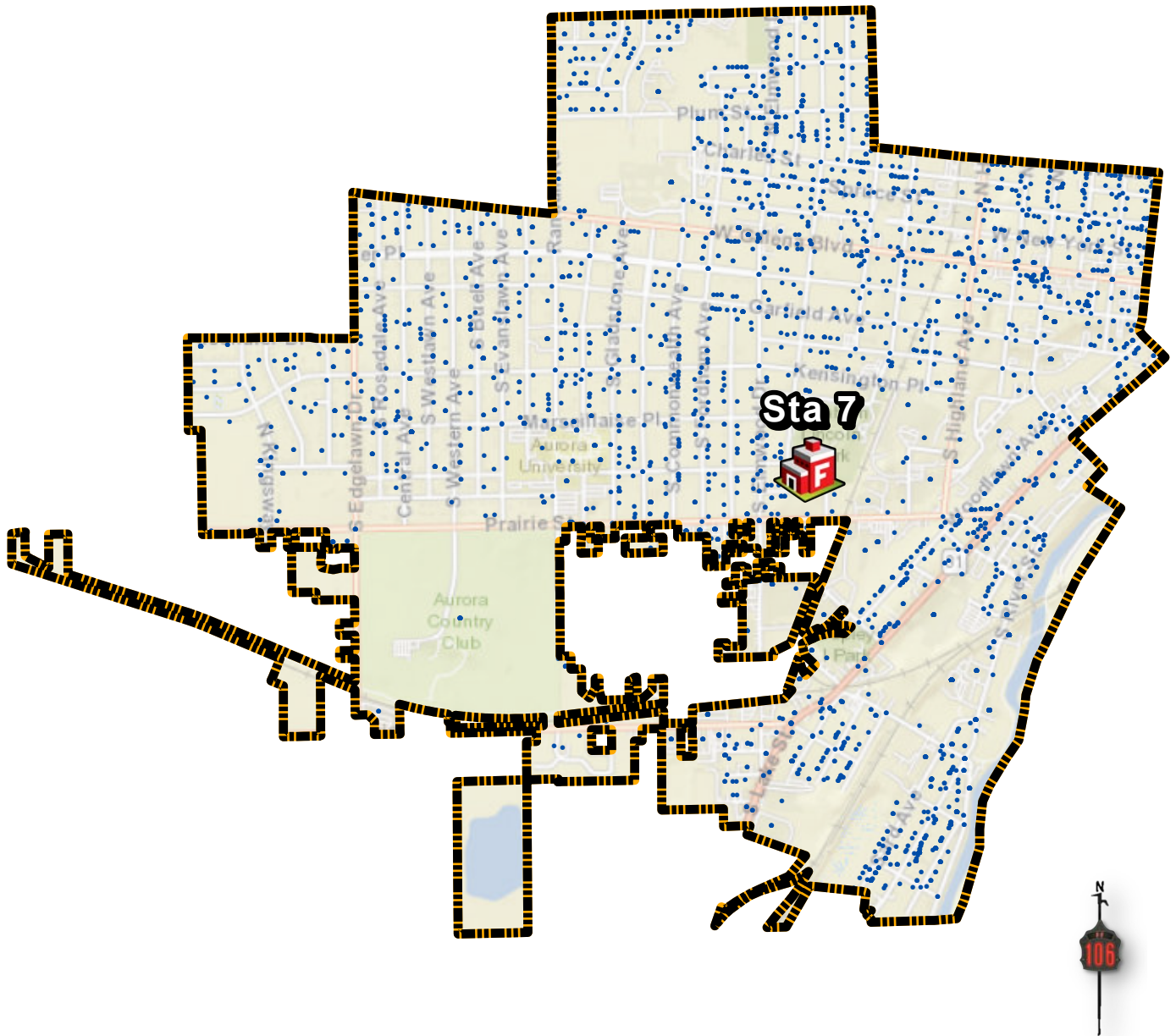
Counts and percentages are for incidents only within the AoR.



5,375
AOR INCIDENTS



9%
PERCENT OF TRA



NFIRS Groups: Percentages and Counts

100	200	300	400	500	600	700	800	900
1.6%	0.1%	80.5%	3%	3.6%	3.2%	8%	<0.1%	0.1%
87	3	4,332	160	194	172	430	2	3





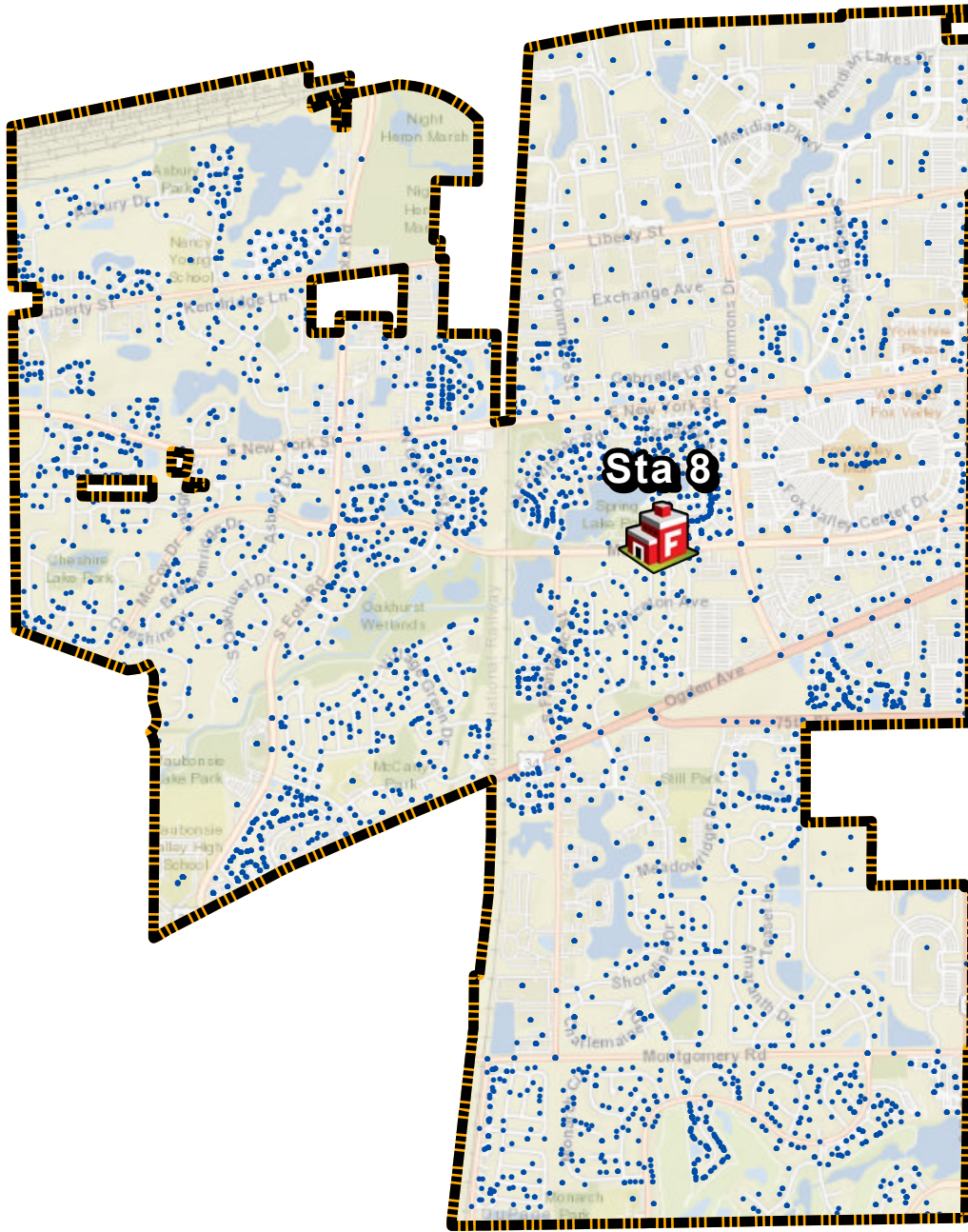
Counts and percentages are for incidents only within the AoR.



7,296
AOR INCIDENTS



12%
PERCENT OF TRA



NFIRS Groups: Percentages and Counts

100	200	300	400	500	600	700	800	900
1.7%	<0.1%	65.5%	4.1%	4.5%	7.3%	16.7%	<0.1%	0.1%
126	1	4,780	297	330	532	1,222	1	7





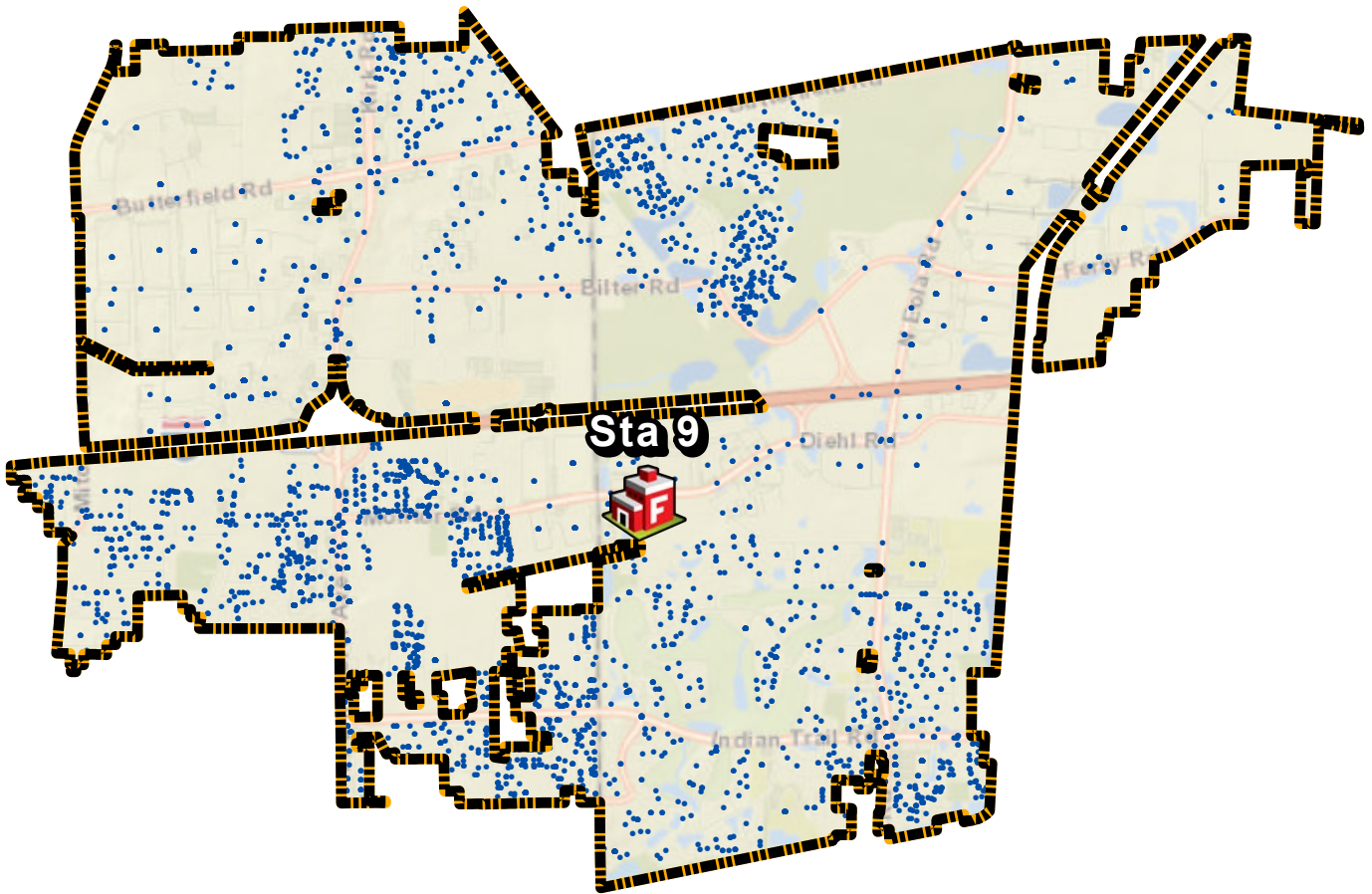
Counts and percentages are for incidents only within the AoR.



7,297
AOR INCIDENTS



12%
PERCENT OF TRA



NFIRS Groups: Percentages and Counts

100	200	300	400	500	600	700	800	900
1.5%	0.1%	78.2%	2.3%	2.8%	4.2%	10.9%	<0.1%	0.1%
107	4	5,709	165	204	308	794	2	7





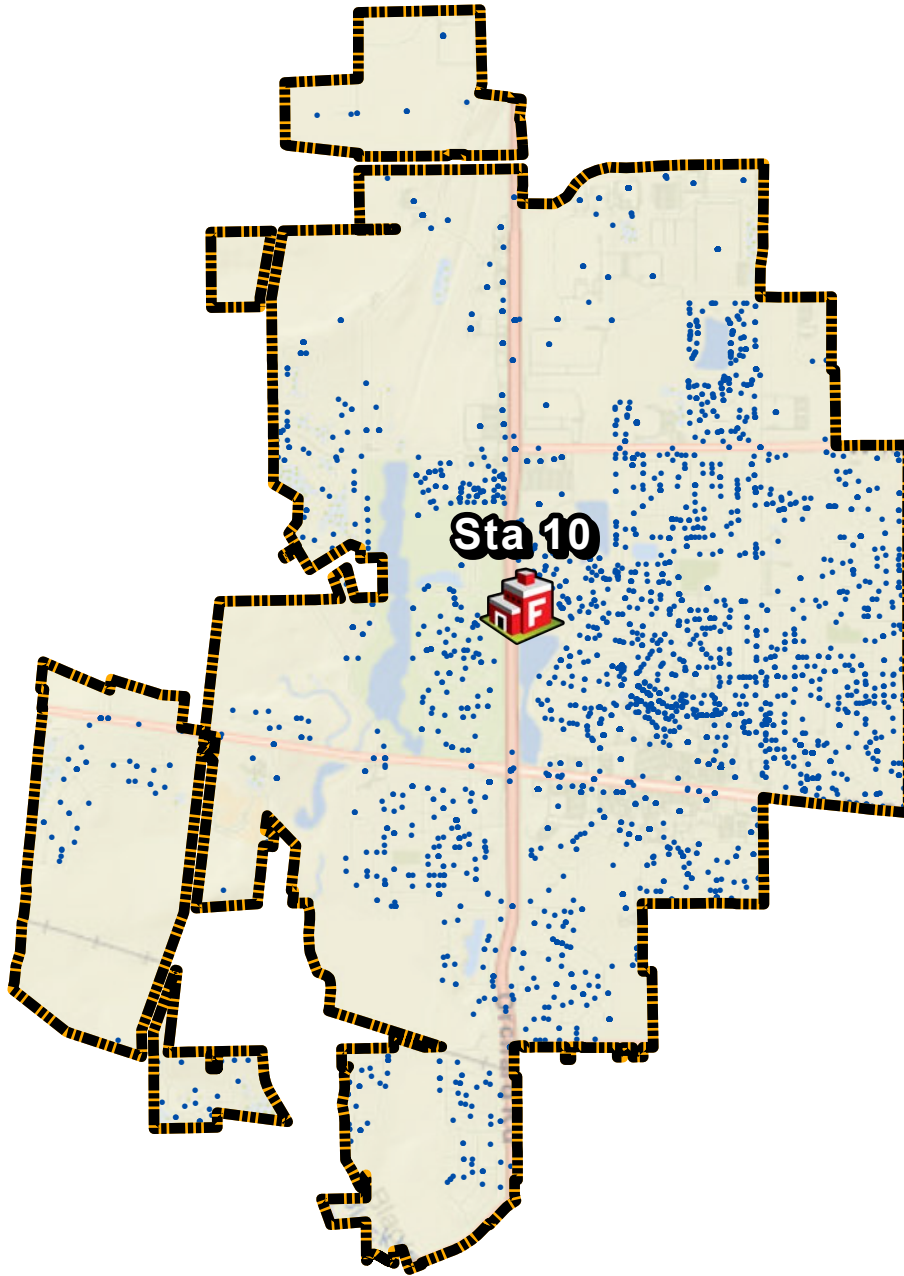
Counts and percentages are for incidents only within the AoR.



6,841
AOR INCIDENTS



12%
PERCENT OF TRA



NFIRS Groups: Percentages and Counts

100	200	300	400	500	600	700	800	900
1.1%	0%	79.8%	2.6%	3.6%	3.3%	9.4%	<0.1%	0.1%
74	0	5,464	180	246	225	646	2	6





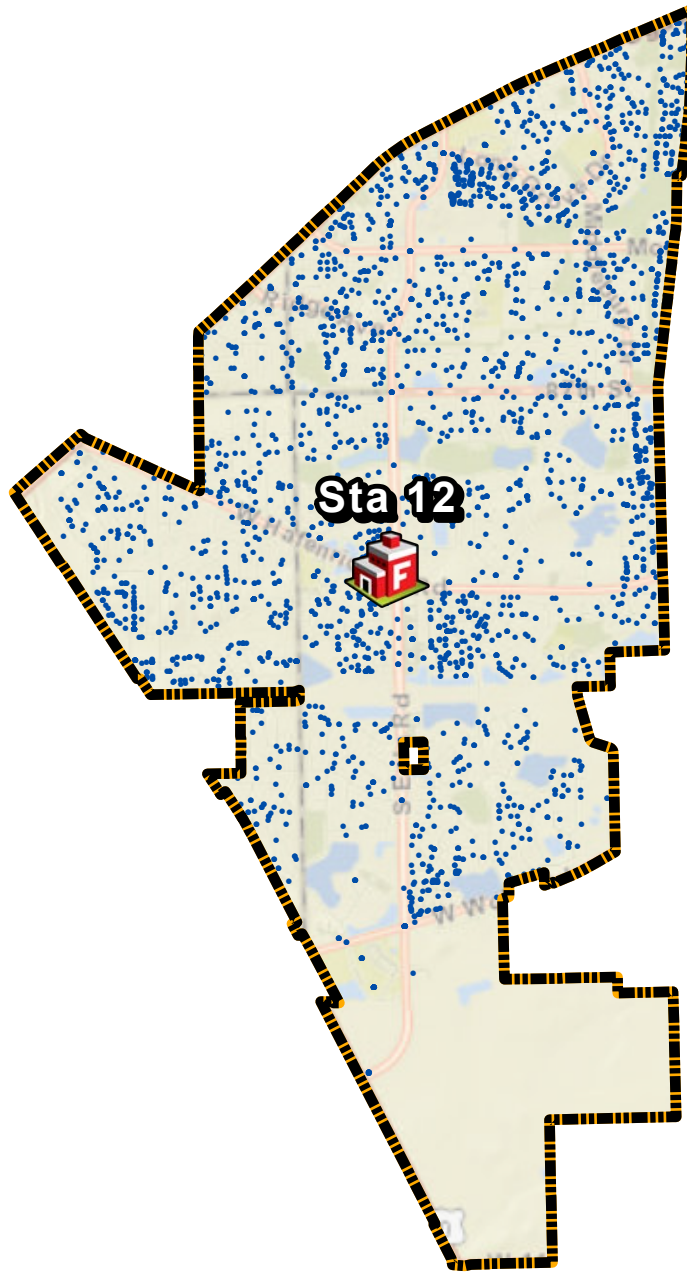
Counts and percentages are for incidents only within the AoR.



3,898
AOR INCIDENTS



7%
PERCENT OF TRA



NFIRS Groups: Percentages and Counts

100	200	300	400	500	600	700	800	900
1.6%	0.1%	77%	4.9%	4.8%	3.8%	7.5%	0%	0.3%
64	2	3,002	190	189	147	294	0	10





NFIRS Group 100 - 900

NFIRS Group 100

NFIRS Group 200

NFIRS Group 300

NFIRS Group 400

NFIRS Group 500

NFIRS Group 600

NFIRS Group 700

NFIRS Group 800

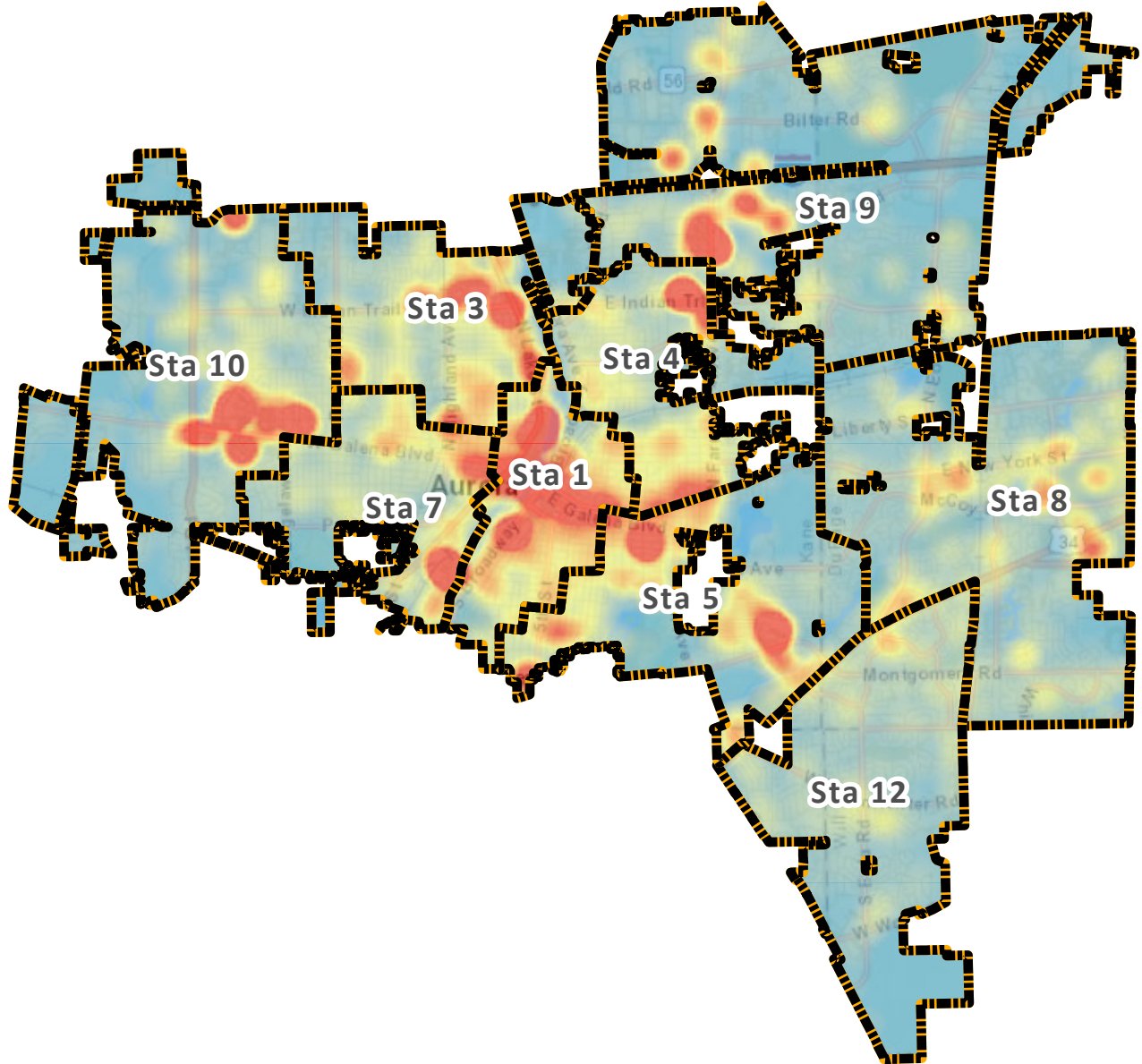
NFIRS Group 900





Counts and percentages are for incidents only within the TRA.

 **59,402**
INCIDENTS



NFIRS 100 - 900 : All Incidents
Percentage of TRA incidents



16%
AOR 1

11%
AOR 3

9%
AOR 4

13%
AOR 5

9%
AOR 7

12%
AOR 8

12%
AOR 9

12%
AOR 10

7%
AOR 12

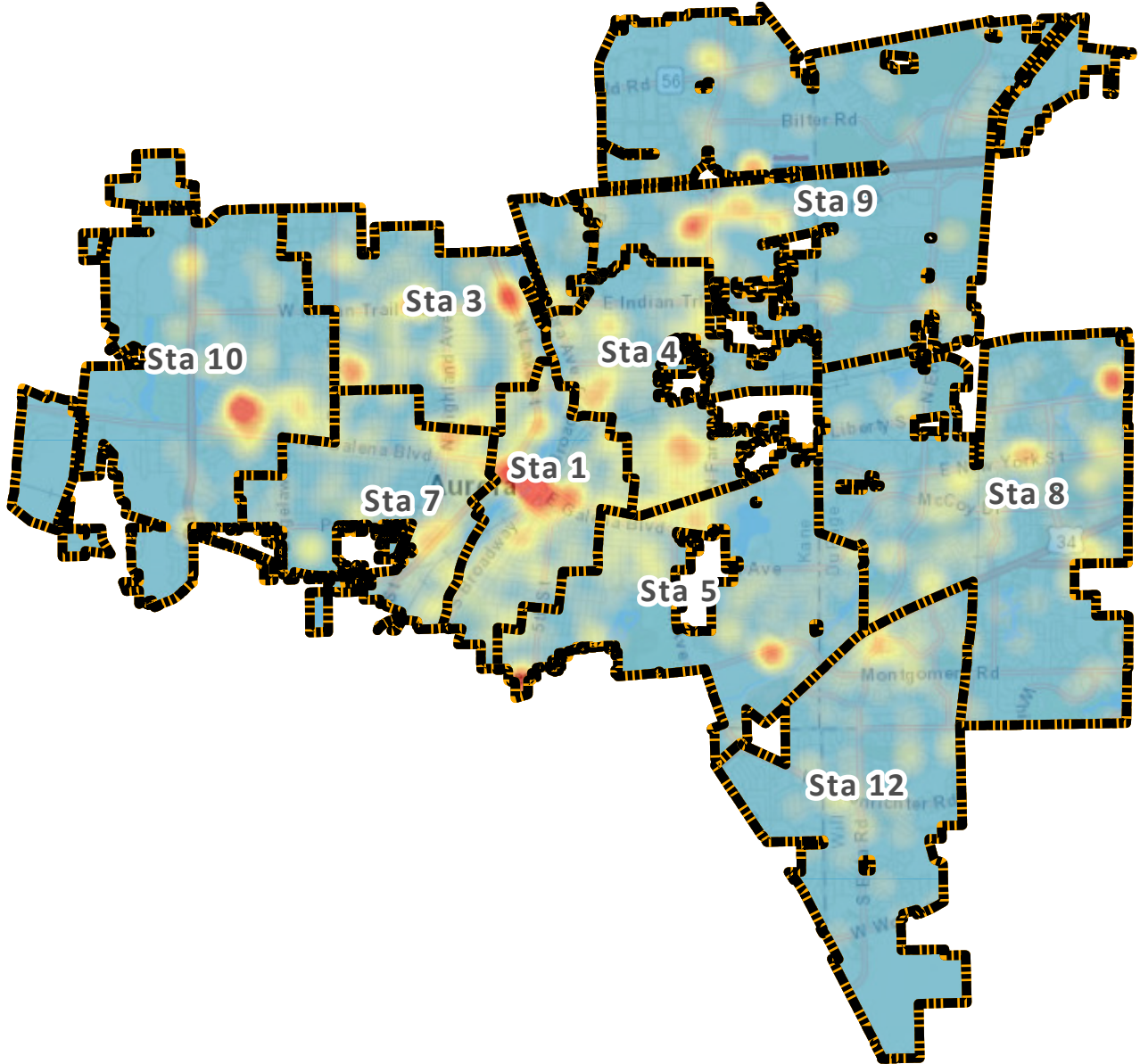




Counts and percentages are for incidents only within the TRA.



914
INCIDENTS



NFIRS 100 : Fire

Percentage of TRA incidents



14%
AOR 1

13%
AOR 3

12%
AOR 4

12%
AOR 5

10%
AOR 7

14%
AOR 8

12%
AOR 9

8%
AOR 10

7%
AOR 12

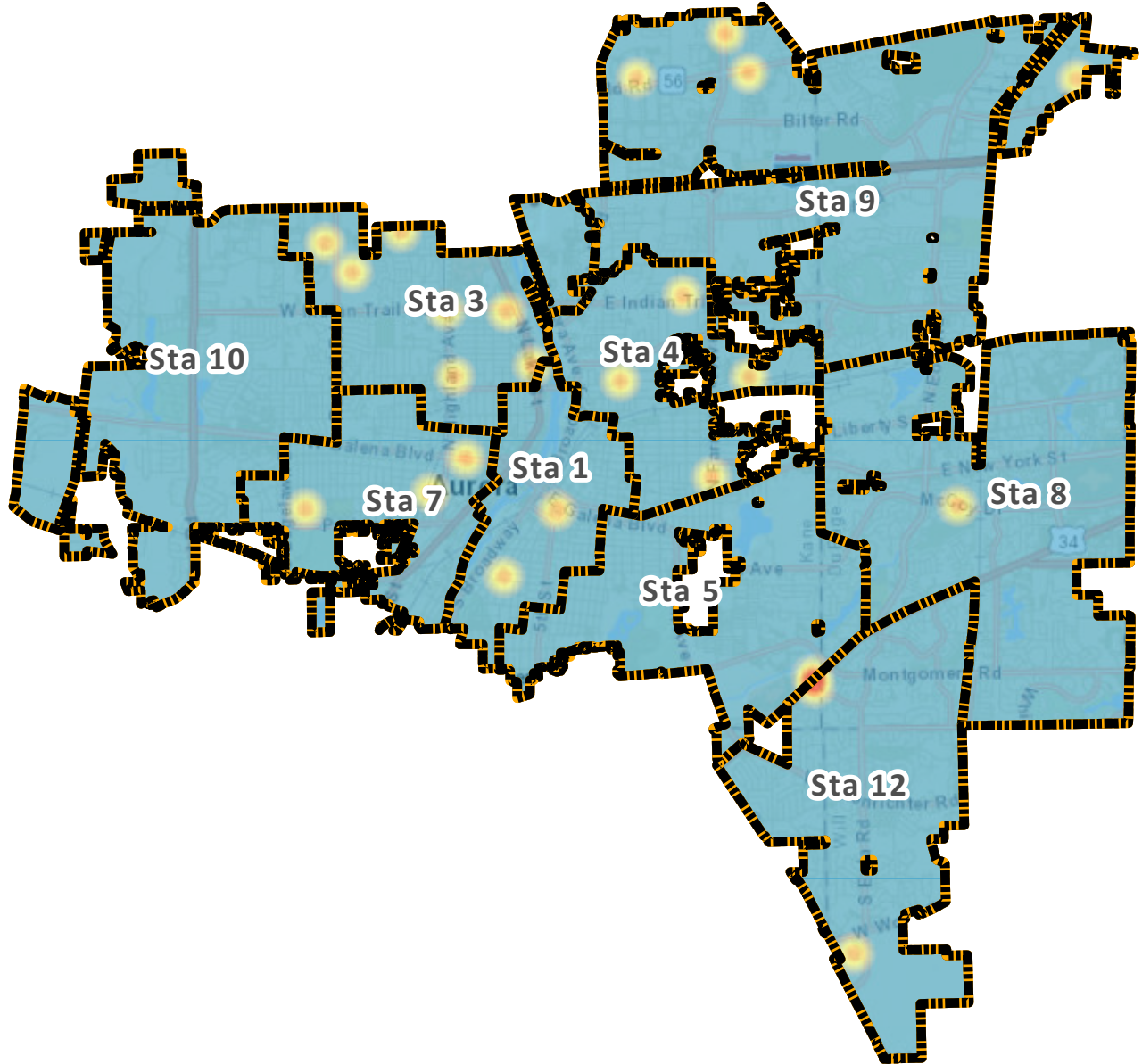




Counts and percentages are for incidents only within the TRA.



24
INCIDENTS



NFIRS 200 : Overpressure Rupture Explosion Overheat No Fire

Percentage of TRA incidents



8%
AOR 1

29%
AOR 3

17%
AOR 4

4%
AOR 5

13%
AOR 7

4%
AOR 8

17%
AOR 9

0%
AOR 10

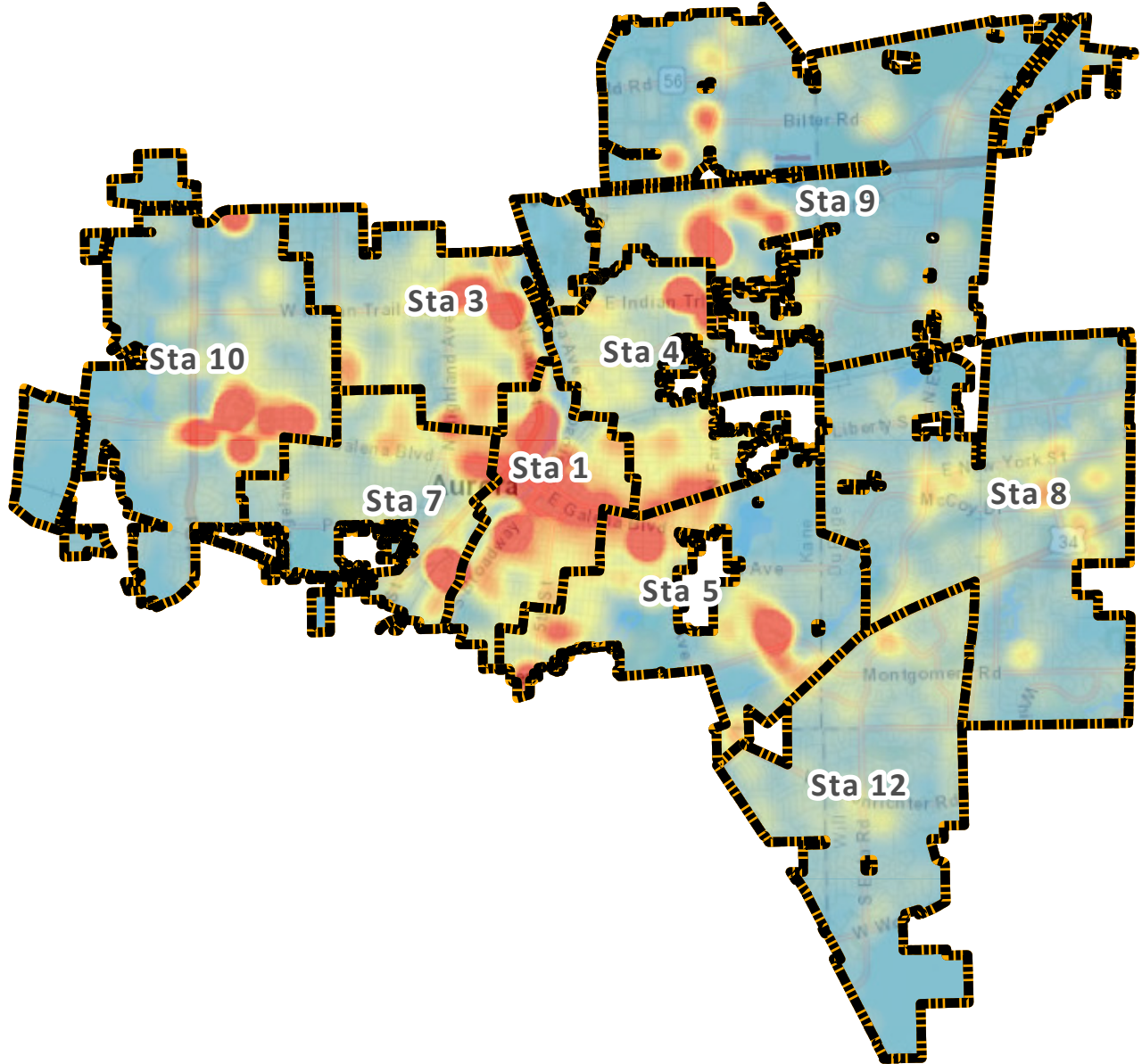
8%
AOR 12





Counts and percentages are for incidents only within the TRA.

 **46,887**
INCIDENTS



NFIRS 300 : Rescue EMS
Percentage of TRA incidents



17%
AOR 1

11%
AOR 3

9%
AOR 4

13%
AOR 5

9%
AOR 7

10%
AOR 8

12%
AOR 9

12%
AOR 10

6%
AOR 12

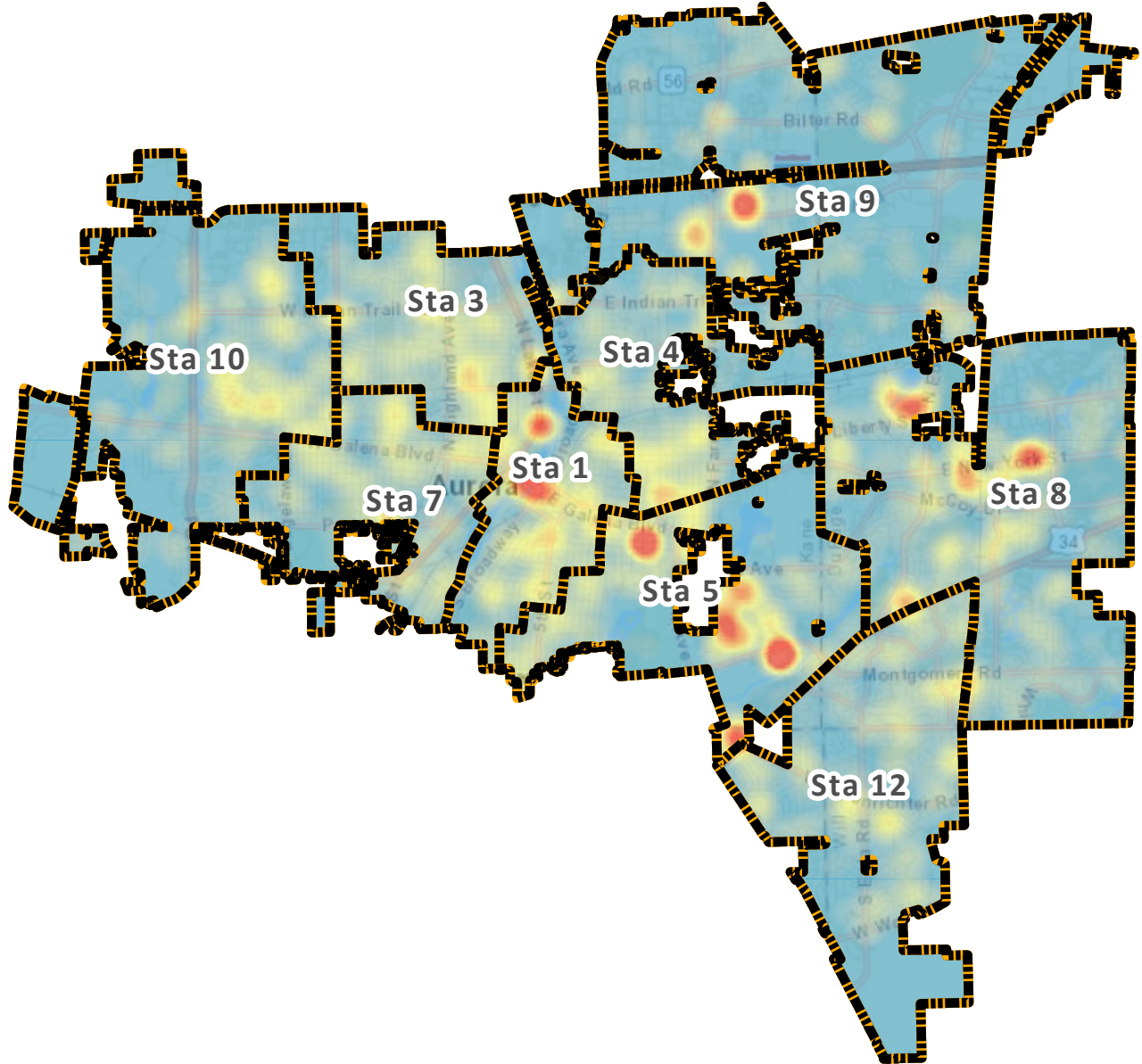




Counts and percentages are for incidents only within the TRA.



1,797
INCIDENTS



NFIRS 400 : Hazardous Condition No Fire
Percentage of TRA incidents



11%
AOR 1

10%
AOR 3

8%
AOR 4

15%
AOR 5

9%
AOR 7

17%
AOR 8

9%
AOR 9

10%
AOR 10

11%
AOR 12

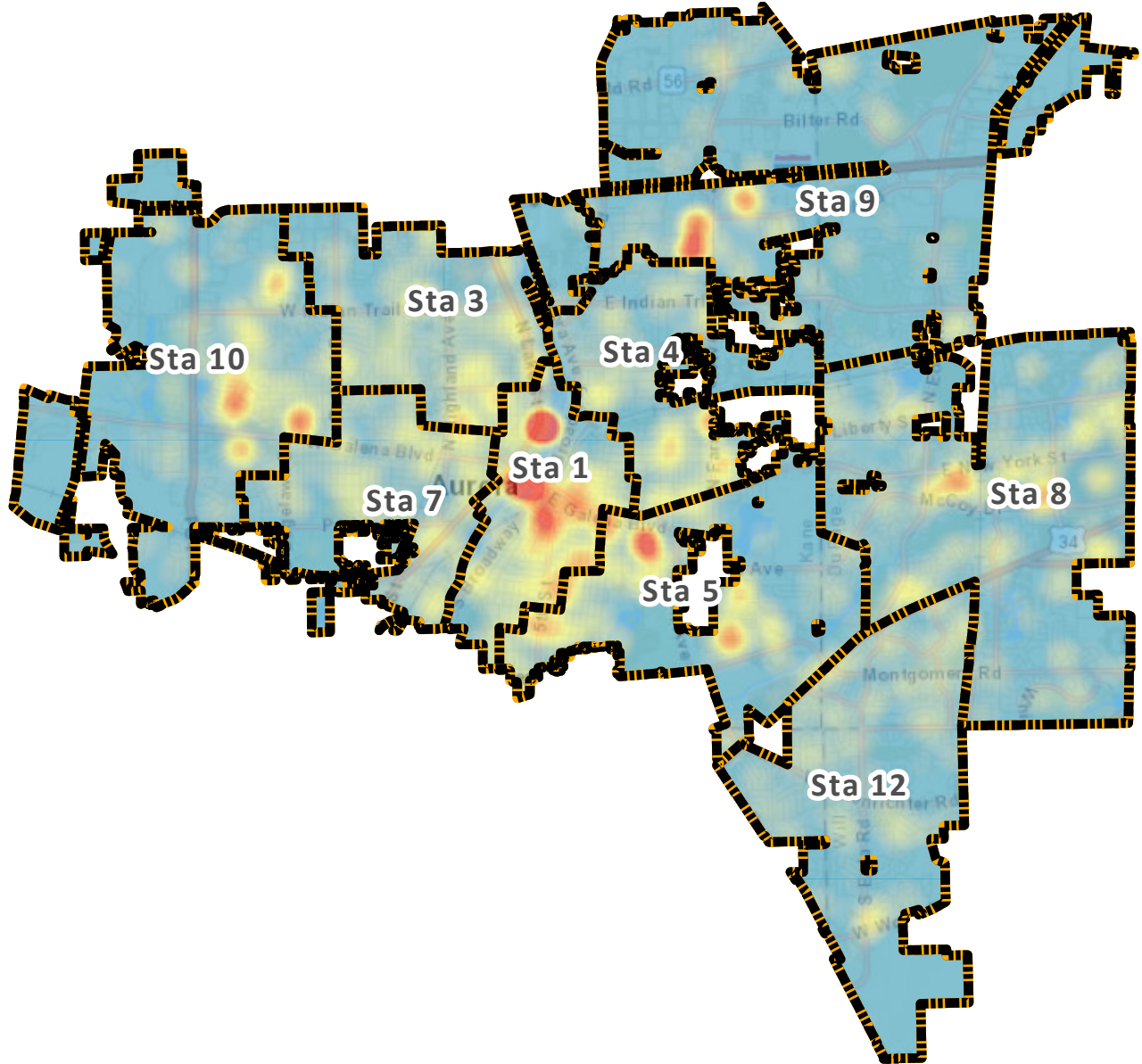




Counts and percentages are for incidents only within the TRA.



2,223
INCIDENTS



NFIRS 500 : Service Call
Percentage of TRA incidents



16%
AOR 1

10%
AOR 3

8%
AOR 4

13%
AOR 5

9%
AOR 7

15%
AOR 8

9%
AOR 9

11%
AOR 10

9%
AOR 12

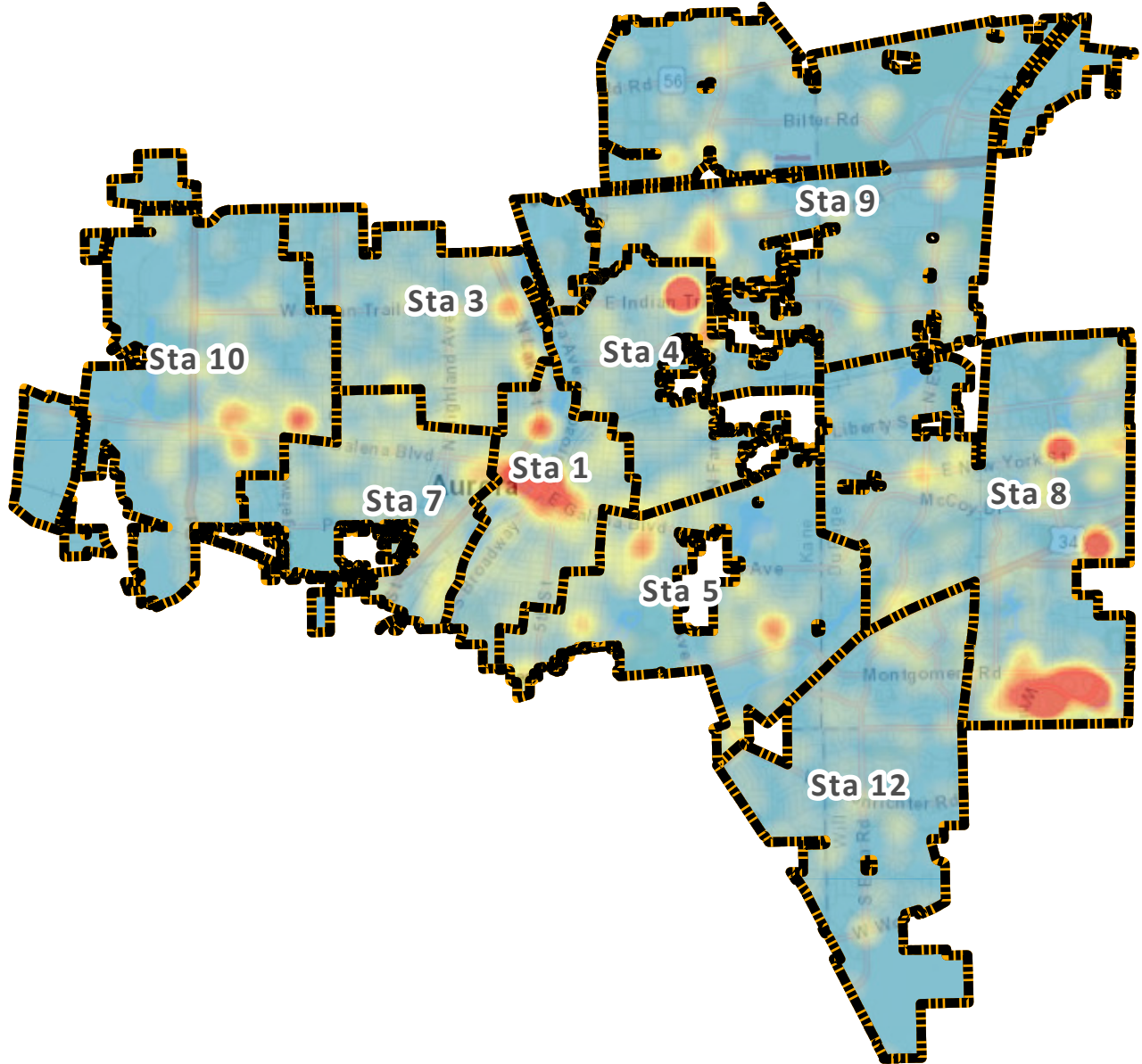




Counts and percentages are for incidents only within the TRA.



2,249
INCIDENTS



NFIRS 600 : Canceled Good Intent

Percentage of TRA incidents



12%
AOR 1

8%
AOR 3

8%
AOR 4

11%
AOR 5

8%
AOR 7

24%
AOR 8

14%
AOR 9

10%
AOR 10

7%
AOR 12

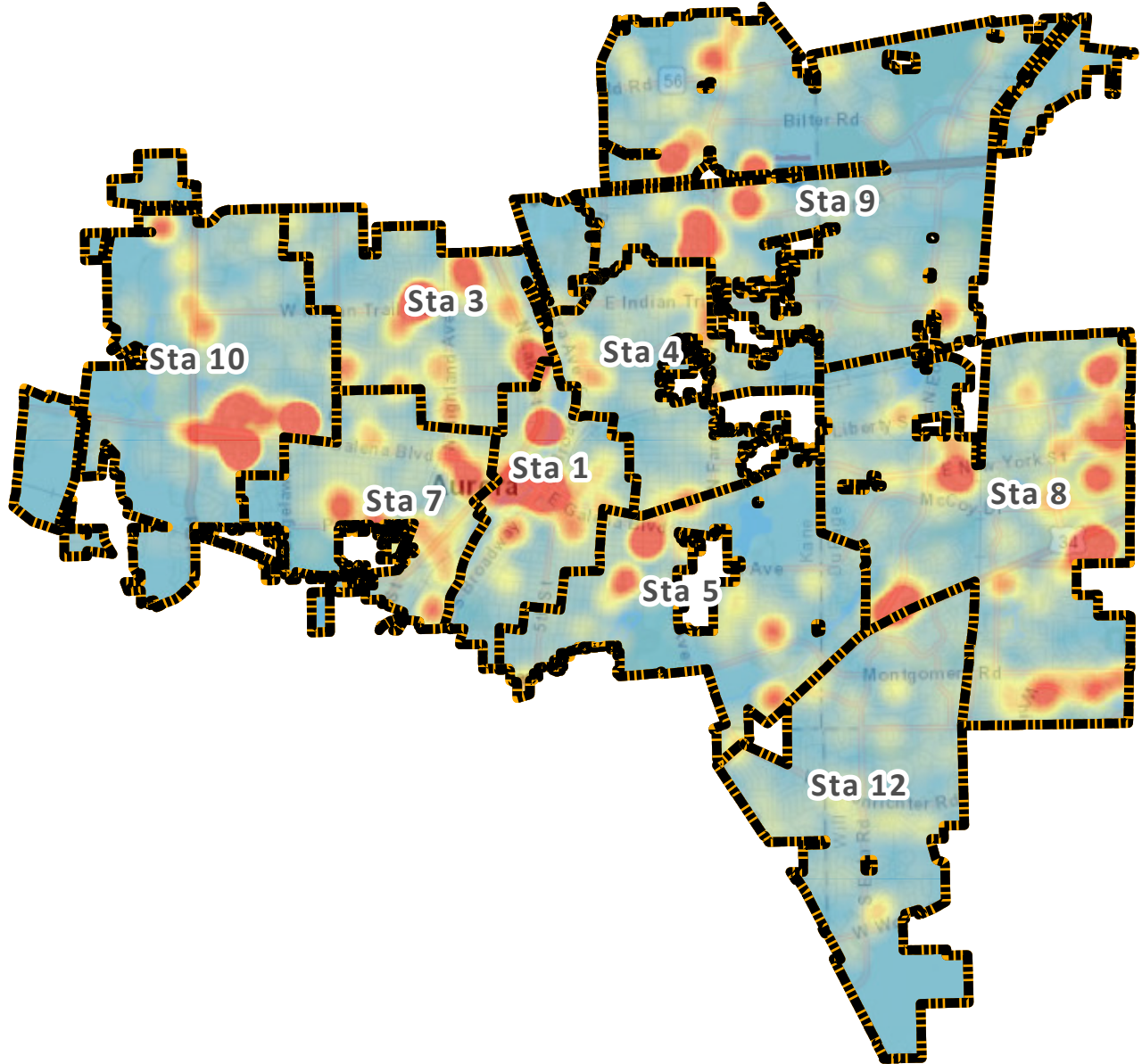




Counts and percentages are for incidents only within the TRA.



5,243
INCIDENTS



NFIRS 700 : False Alarm False Call

Percentage of TRA incidents



11%
AOR 1

11%
AOR 3

6%
AOR 4

8%
AOR 5

8%
AOR 7

23%
AOR 8

15%
AOR 9

12%
AOR 10

6%
AOR 12

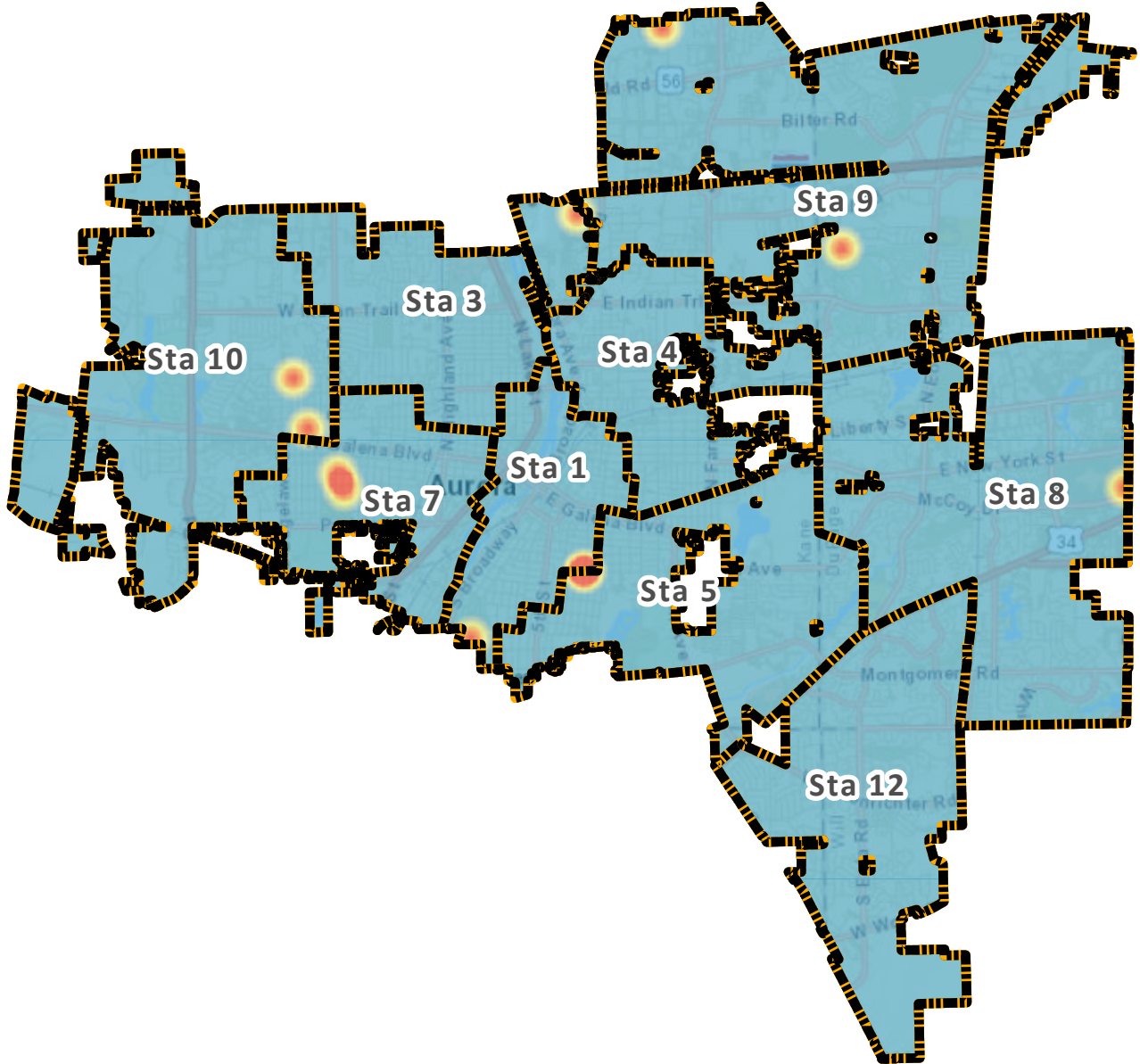




Counts and percentages are for incidents only within the TRA.



11
INCIDENTS



NFIRS 800 : Severe Weather and Natural Disaster

Percentage of TRA incidents



9%
AOR 1

9%
AOR 3

0%
AOR 4

18%
AOR 5

18%
AOR 7

9%
AOR 8

18%
AOR 9

18%
AOR 10

0%
AOR 12

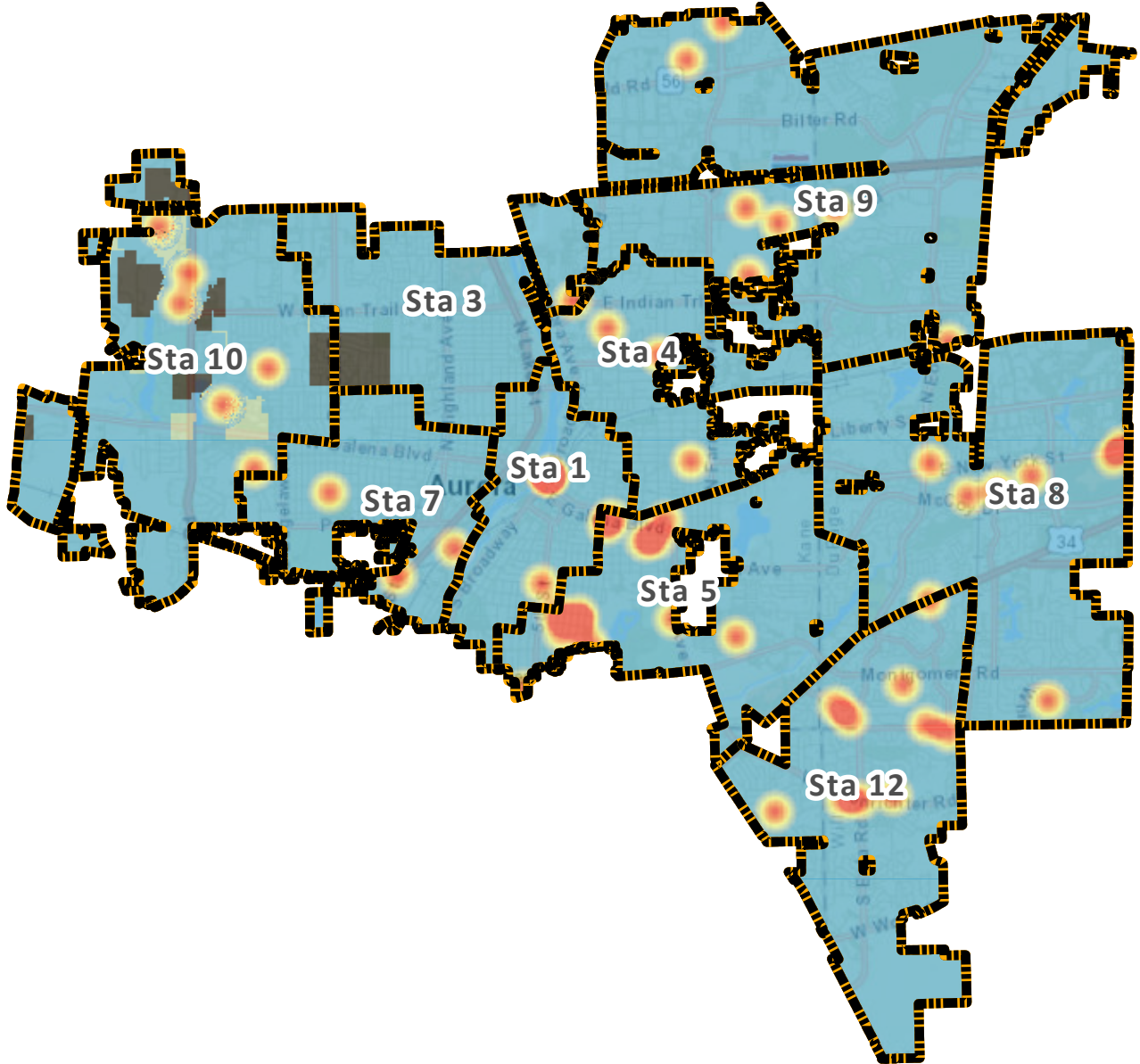




Counts and percentages are for incidents only within the TRA.



54
INCIDENTS



NFIRS 900 : Special Incident Type
Percentage of TRA incidents



7%
AOR 1

2%
AOR 3

6%
AOR 4

24%
AOR 5

6%
AOR 7

13%
AOR 8

13%
AOR 9

11%
AOR 10

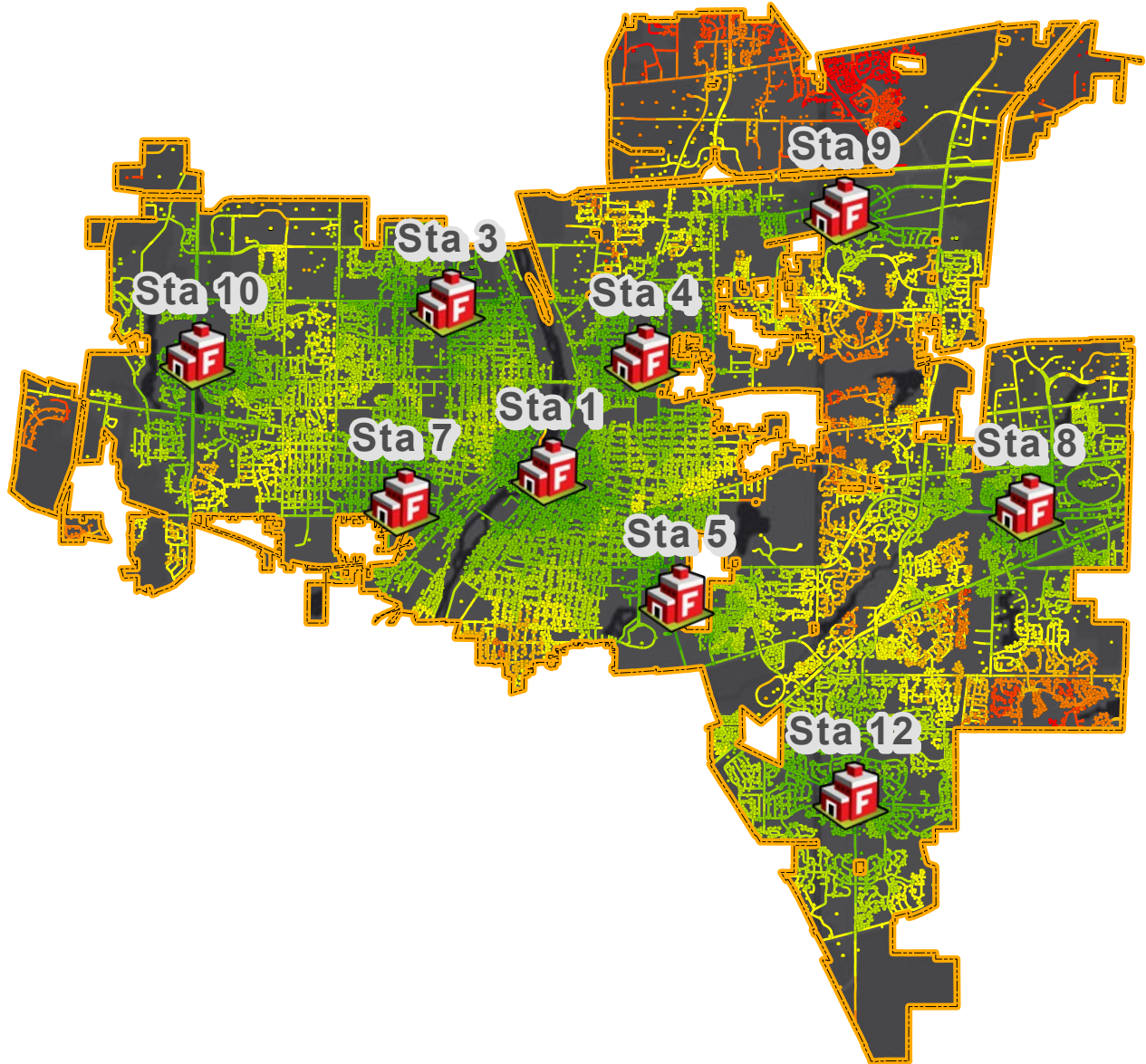
19%
AOR 12



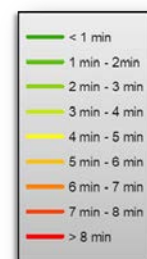


- Incidents & Streets by Drive Time - TRA
 - Incidents - TRA
 - Response Times - TRA
 - Response Times by Year - TRA
 - ERF - TRA
- Incidents & Streets by Drive Time - AoR 1
 - Incidents - AoR 1
 - Response Times - AoR 1
 - Response Times by Year - AoR 1
 - ERF - AoR 1
- Incidents & Streets by Drive Time - AoR 3
 - Incidents - AoR 3
 - Response Times - AoR 3
 - Response Times by Year - AoR 3
 - ERF - AoR 3
- Incidents & Streets by Drive Time - AoR 4
 - Incidents - AoR 4
 - Response Times - AoR 4
 - Response Times by Year - AoR 4
 - ERF - AoR 4
- Incidents & Streets by Drive Time - AoR 5
 - Incidents - AoR 5
 - Response Times - AoR 5
 - Response Times by Year - AoR 5
 - ERF - AoR 5
- Incidents & Streets by Drive Time - AoR 7
 - Incidents - AoR 7
 - Response Times - AoR 7
 - Response Times by Year - AoR 7
 - ERF - AoR 7
- Incidents & Streets by Drive Time - AoR 8
 - Incidents - AoR 8
 - Response Times - AoR 8
 - Response Times by Year - AoR 8
 - ERF - AoR 8
- Incidents & Streets by Drive Time - AoR 9
 - Incidents - AoR 9
 - Response Times - AoR 9
 - Response Times by Year - AoR 9
 - ERF - AoR 9
- Incidents & Streets by Drive Time - AoR 10
 - Incidents - AoR 10
 - Response Times - AoR 10
 - Response Times by Year - AoR 10
 - ERF - AoR 10
- Incidents & Streets by Drive Time - AoR 12
 - Incidents - AoR 12
 - Response Times - AoR 12
 - Response Times by Year - AoR 12
 - ERF - AoR 12




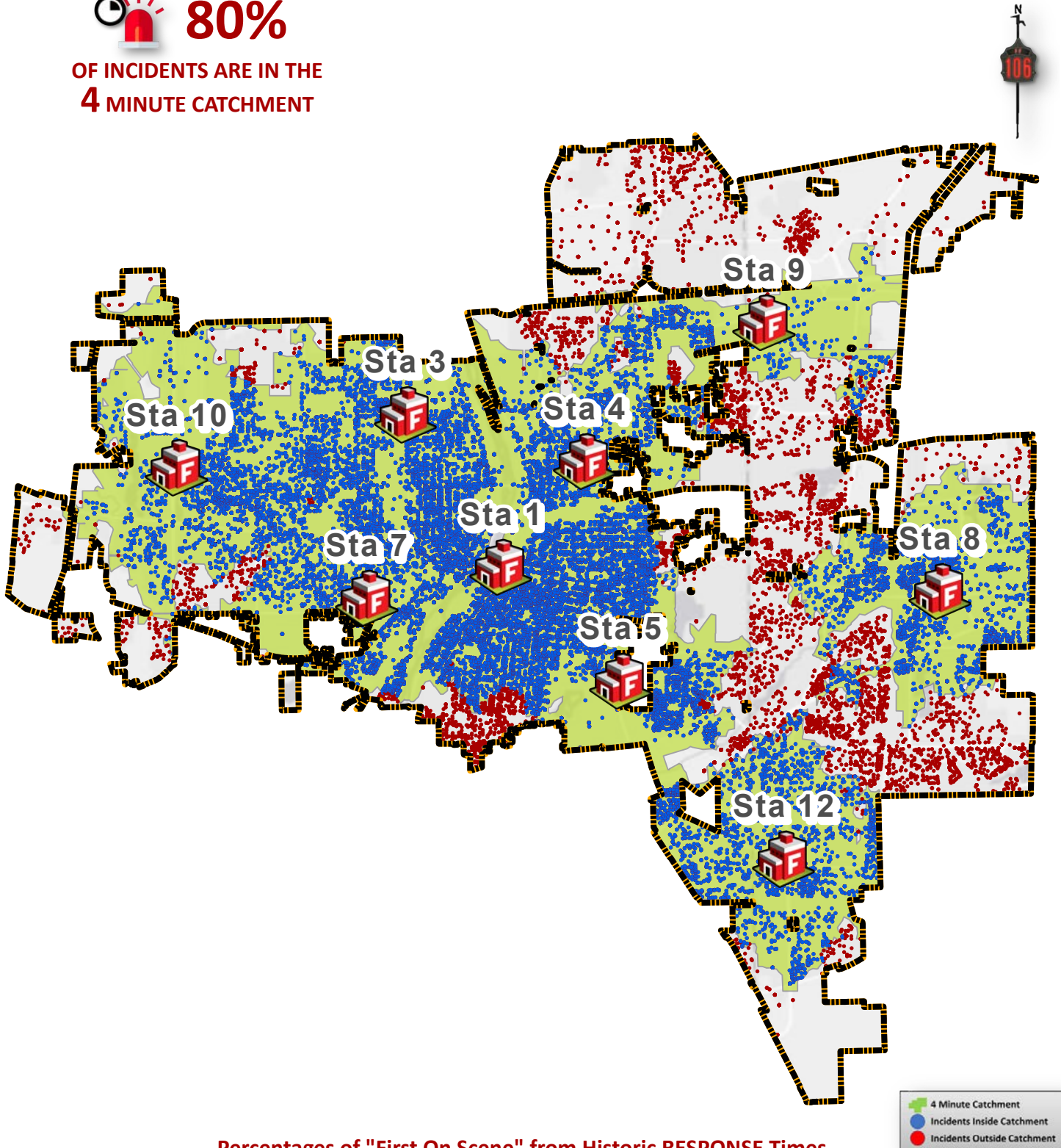


Incidents and streets are displayed in one-minute increments based on travel time from the closest fire station.





 **80%**
OF INCIDENTS ARE IN THE
4 MINUTE CATCHMENT



Percentages of "First On Scene" from Historic RESPONSE Times

WITHIN 4 MIN CATCHMENT

 **57%**
FIRE INCIDENTS

 **43%**
EMS INCIDENTS

WITHIN COMPLETE TRA

 **49%**
FIRE INCIDENTS

 **36%**
EMS INCIDENTS





Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
All	00:08:40	00:07:27	00:06:43	00:06:10	00:05:42
Fire	00:08:19	00:07:10	00:06:24	00:05:49	00:05:22
EMS	00:08:19	00:07:15	00:06:35	00:06:04	00:05:37



All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:08:40	00:07:27	00:06:43	00:06:10	00:05:42
Calculated	00:05:57	00:05:05	00:04:36	00:04:13	00:03:53



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:08:19	00:07:10	00:06:24	00:05:49	00:05:22
Calculated	00:06:23	00:05:29	00:04:58	00:04:33	00:04:13



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:08:19	00:07:15	00:06:35	00:06:04	00:05:37
Calculated	00:05:56	00:05:04	00:04:34	00:04:13	00:03:52



Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:09:46	00:08:07	00:07:10	00:06:32	00:05:59
Calculated	00:06:04	00:05:07	00:04:38	00:04:13	00:03:53





All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:47	00:07:27	00:06:43	00:06:05	00:05:38
2019	00:08:35	00:07:21	00:06:38	00:06:05	00:05:37
2020	00:08:37	00:07:28	00:06:46	00:06:14	00:05:47
2021	00:08:46	00:07:35	00:06:50	00:06:17	00:05:49



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:04	00:07:19	00:06:33	00:06:00	00:05:30
2019	00:07:51	00:06:50	00:06:01	00:05:30	00:05:15
2020	00:08:22	00:07:02	00:06:27	00:05:53	00:05:22
2021	00:08:31	00:07:11	00:06:25	00:05:47	00:05:16



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:15	00:07:07	00:06:29	00:06:00	00:05:26
2019	00:08:13	00:07:07	00:06:29	00:05:58	00:05:31
2020	00:08:18	00:07:17	00:06:38	00:06:08	00:05:42
2021	00:08:27	00:07:24	00:06:44	00:06:10	00:05:44



Other Incidents Response Time (h:mm:ss)

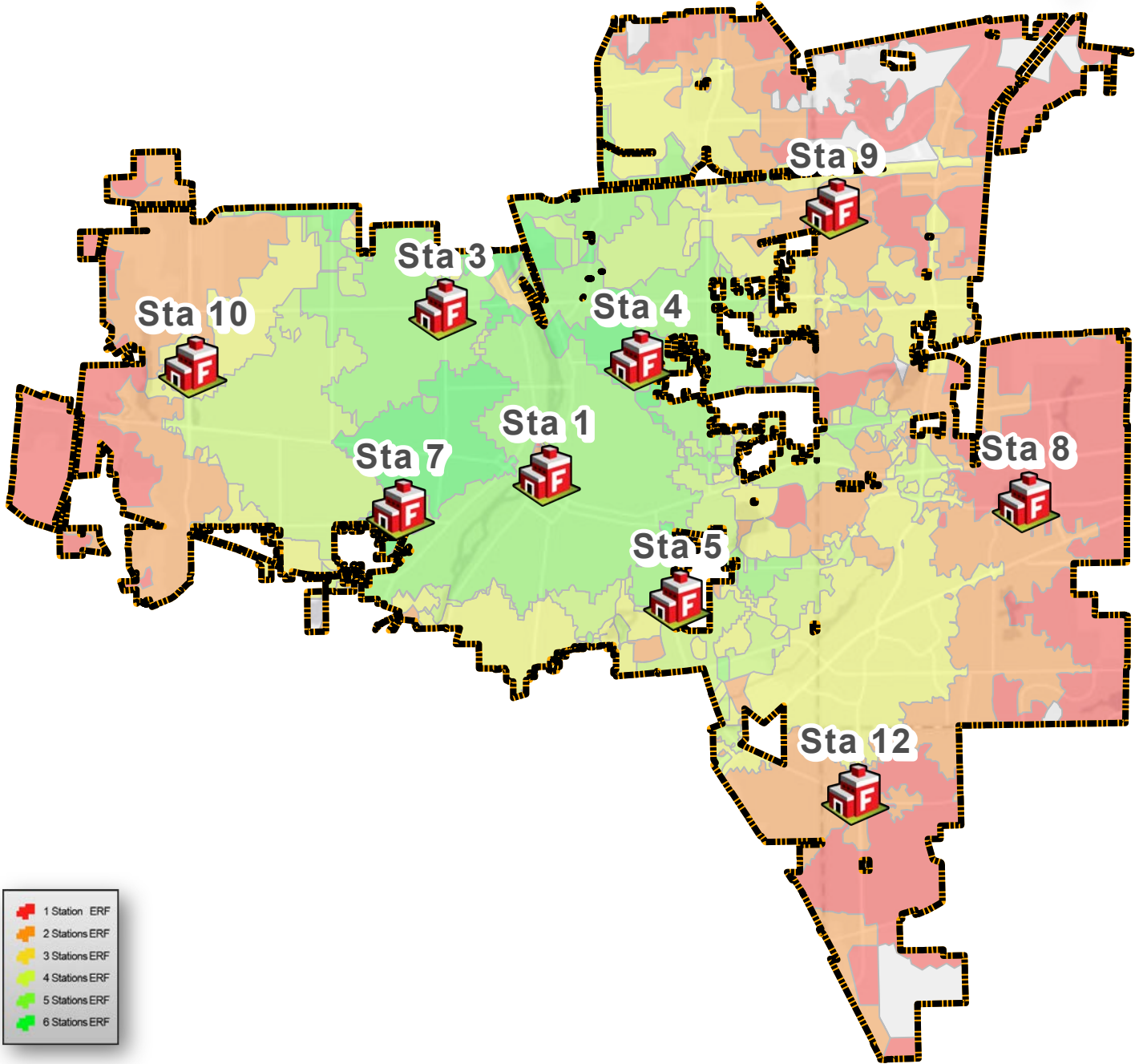
	90%	80%	70%	60%	50%
2018	00:09:09	00:07:40	00:06:52	00:06:15	00:05:46
2019	00:10:32	00:08:39	00:07:35	00:06:52	00:06:16
2020	00:10:09	00:08:35	00:07:39	00:06:58	00:06:21
2021	00:10:22	00:08:44	00:07:41	00:06:55	00:06:23





ERF

EFFECTIVE RESPONSE FORCE
FULL COMPLIMENT WITHIN 8 MINUTES



10%

OF INCIDENTS ARE COVERED BY **2** STATIONS

17%

OF INCIDENTS ARE COVERED BY **3** STATIONS

16%

OF INCIDENTS ARE COVERED BY **4** STATIONS

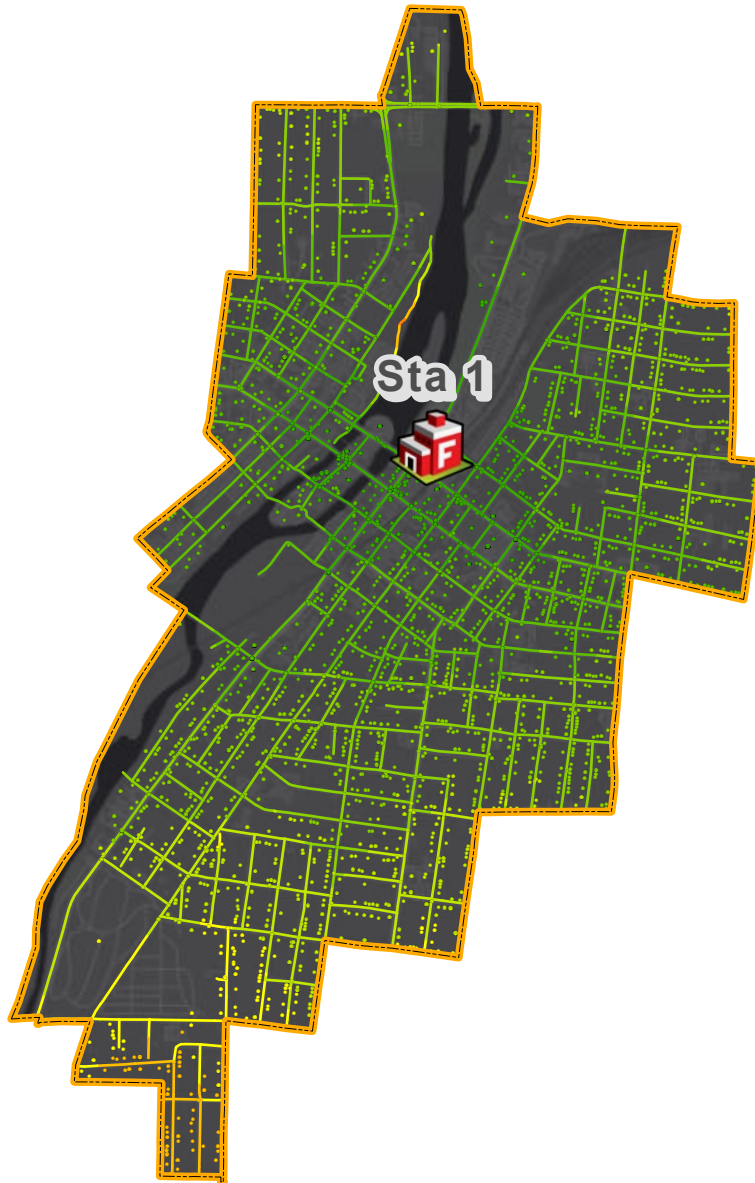
37%

OF INCIDENTS ARE COVERED BY **5** STATIONS

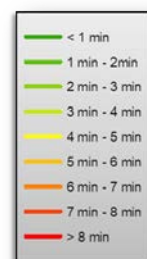
8%

OF INCIDENTS ARE COVERED BY **6** STATIONS





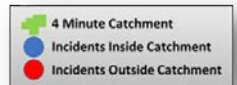
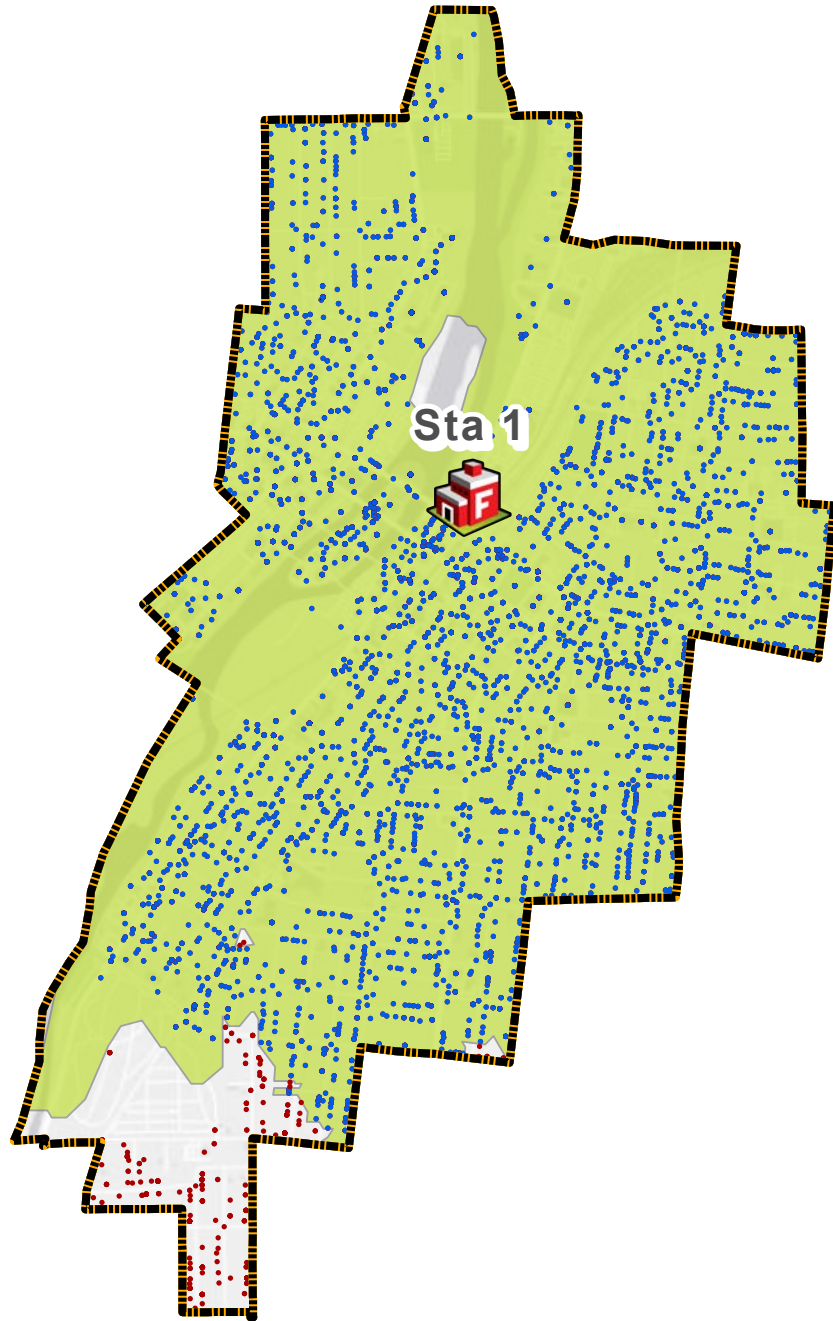
Incidents and streets are displayed in one-minute increments based on travel time from the closest fire station.





97%

OF INCIDENTS ARE IN THE 4 MINUTE CATCHMENT



Percentages of "First On Scene" from Historic RESPONSE Times

WITHIN 4 MIN CATCHMENT



67%

FIRE INCIDENTS



52%

EMS INCIDENTS

WITHIN COMPLETE AoR



66%

FIRE INCIDENTS



51%

EMS INCIDENTS





Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
All	00:07:46	00:06:37	00:05:56	00:05:28	00:05:02
Fire	00:07:26	00:06:21	00:05:28	00:05:13	00:04:59
EMS	00:07:33	00:06:30	00:05:53	00:05:25	00:04:59



All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:07:46	00:06:37	00:05:56	00:05:28	00:05:02
Calculated	00:04:08	00:03:39	00:03:20	00:02:58	00:02:46



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:07:26	00:06:21	00:05:28	00:05:13	00:04:59
Calculated	00:04:26	00:04:03	00:03:41	00:03:22	00:03:09



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:07:33	00:06:30	00:05:53	00:05:25	00:04:59
Calculated	00:04:08	00:03:42	00:03:20	00:02:58	00:02:46



Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:08:30	00:06:58	00:06:13	00:05:36	00:05:10
Calculated	00:04:08	00:03:35	00:03:17	00:02:57	00:02:46





All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:00	00:06:37	00:05:52	00:05:21	00:04:58
2019	00:07:33	00:06:29	00:05:51	00:05:22	00:04:56
2020	00:07:46	00:06:41	00:06:01	00:05:33	00:05:07
2021	00:07:52	00:06:44	00:06:01	00:05:36	00:05:09



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:06:50	00:05:42	00:05:30	00:05:14	00:05:01
2019	00:07:26	00:05:24	00:05:11	00:04:40	00:04:29
2020	00:07:19	00:06:25	00:05:42	00:05:14	00:05:00
2021	00:07:29	00:05:55	00:05:23	00:05:11	00:05:04



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:07:31	00:06:17	00:05:40	00:05:06	00:04:43
2019	00:07:25	00:06:21	00:05:46	00:05:19	00:04:53
2020	00:07:35	00:06:36	00:05:57	00:05:31	00:05:04
2021	00:07:47	00:06:40	00:06:00	00:05:35	00:05:08



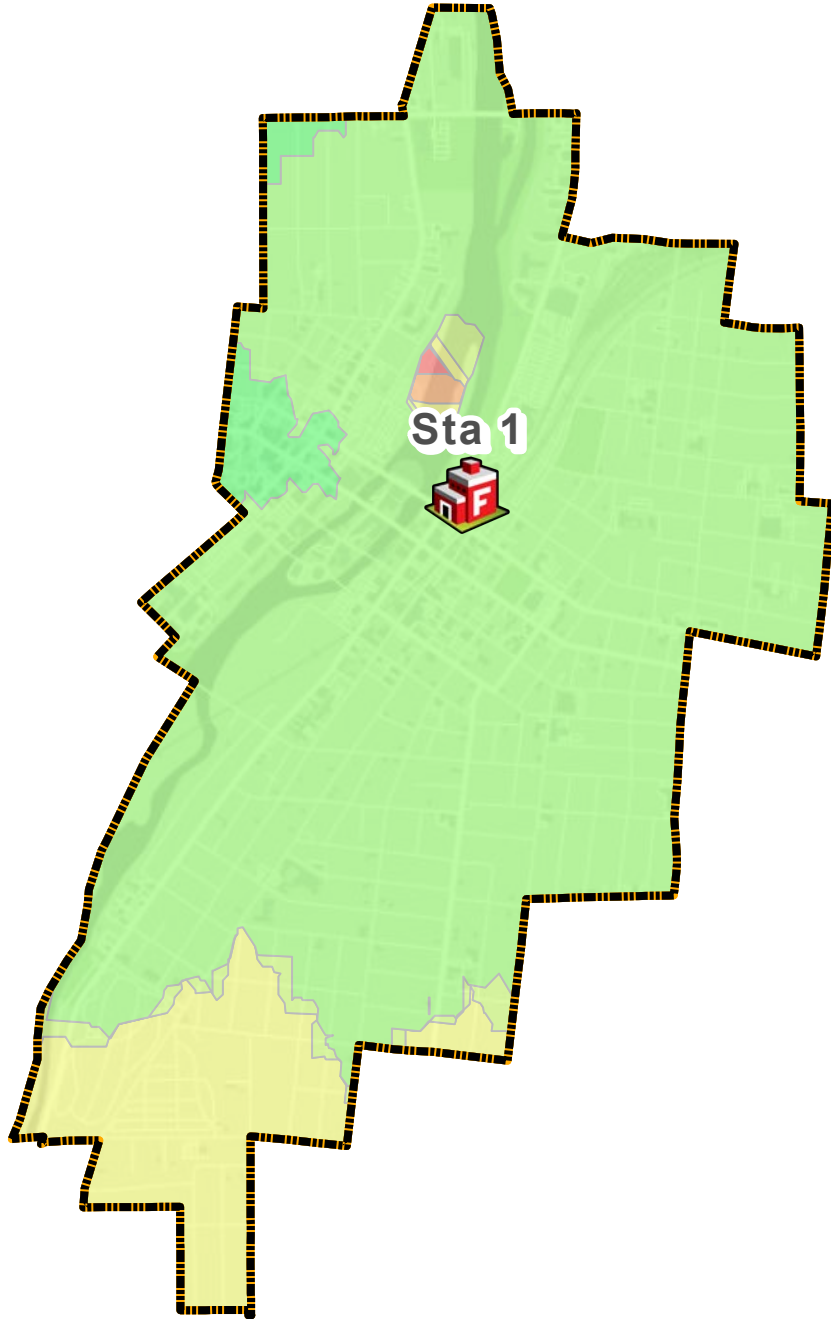
Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:11	00:06:50	00:06:00	00:05:28	00:05:03
2019	00:08:51	00:07:17	00:06:35	00:06:01	00:05:28
2020	00:08:38	00:07:19	00:06:28	00:05:52	00:05:22
2021	00:09:05	00:07:10	00:06:21	00:05:46	00:05:18





EFFECTIVE RESPONSE FORCE
FULL COMPLIMENT WITHIN 8 MINUTES



- 1 Station ERF
- 2 Stations ERF
- 3 Stations ERF
- 4 Stations ERF
- 5 Stations ERF
- 6 Stations ERF

0%
OF INCIDENTS ARE
COVERED BY **2** STATIONS

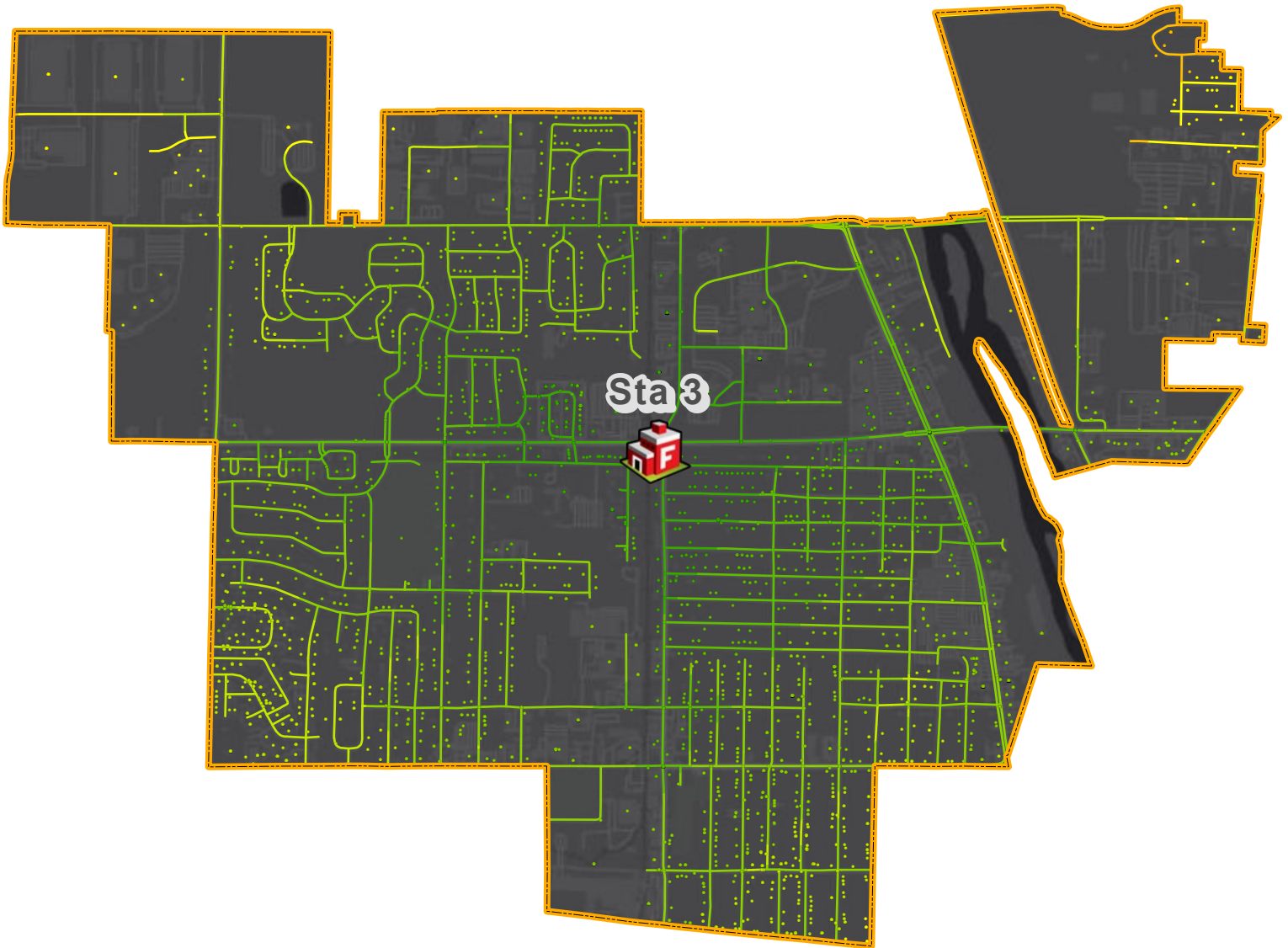
6%
OF INCIDENTS ARE
COVERED BY **3** STATIONS

1%
OF INCIDENTS ARE
COVERED BY **4** STATIONS

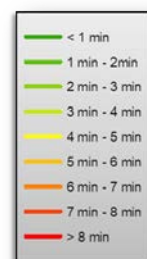
89%
OF INCIDENTS ARE
COVERED BY **5** STATIONS

3%
OF INCIDENTS ARE
COVERED BY **6** STATIONS





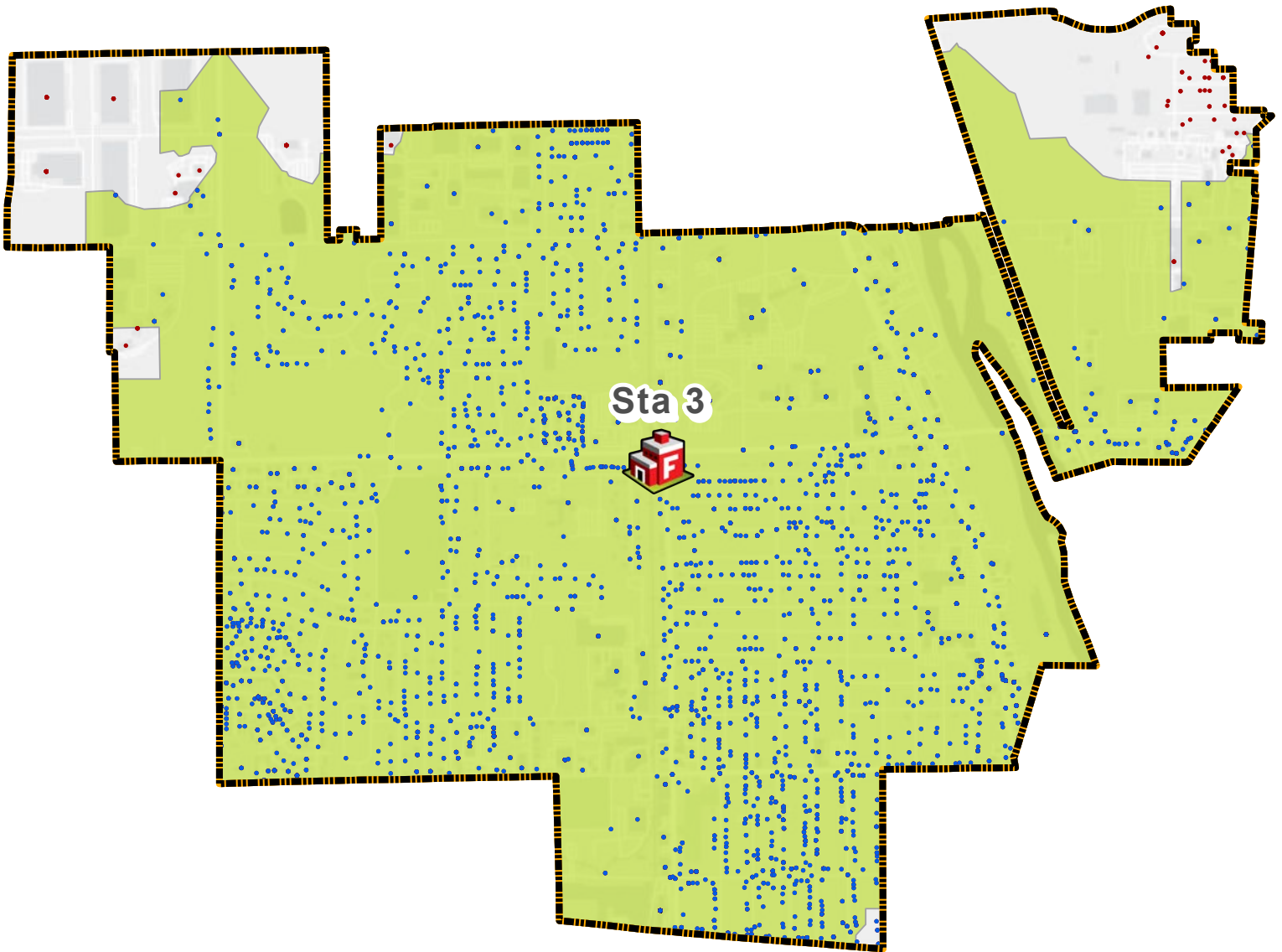
Incidents and streets are displayed in one-minute increments based on travel time from the closest fire station.





98%

**OF INCIDENTS ARE IN THE
4 MINUTE CATCHMENT**



- 4 Minute Catchment
- Incidents Inside Catchment
- Incidents Outside Catchment

Percentages of "First On Scene" from Historic RESPONSE Times

WITHIN 4 MIN CATCHMENT

68%
FIRE INCIDENTS

51%
EMS INCIDENTS

WITHIN COMPLETE AoR

68%
FIRE INCIDENTS

50%
EMS INCIDENTS





Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
All	00:07:59	00:06:46	00:06:03	00:05:33	00:05:06
Fire	00:06:57	00:05:54	00:05:28	00:04:54	00:04:44
EMS	00:07:39	00:06:34	00:05:55	00:05:26	00:05:01



All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:07:59	00:06:46	00:06:03	00:05:33	00:05:06
Calculated	00:04:15	00:03:51	00:03:40	00:03:23	00:03:08



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:06:57	00:05:54	00:05:28	00:04:54	00:04:44
Calculated	00:04:52	00:04:35	00:04:06	00:03:48	00:03:31



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:07:39	00:06:34	00:05:55	00:05:26	00:05:01
Calculated	00:04:14	00:03:51	00:03:38	00:03:22	00:03:06



Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:09:02	00:07:20	00:06:31	00:05:54	00:05:25
Calculated	00:04:19	00:03:51	00:03:41	00:03:25	00:03:12





All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:07:49	00:06:37	00:05:55	00:05:24	00:04:58
2019	00:08:00	00:06:43	00:06:00	00:05:29	00:05:03
2020	00:08:05	00:06:49	00:06:09	00:05:41	00:05:13
2021	00:07:56	00:06:51	00:06:10	00:05:39	00:05:08



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:06:14	00:04:47	00:04:44	00:04:40	00:03:57
2019	00:07:01	00:05:36	00:05:29	00:04:53	00:04:47
2020	00:06:44	00:05:52	00:05:21	00:04:55	00:04:31
2021	00:07:46	00:06:09	00:05:39	00:05:04	00:04:58



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:07:00	00:06:01	00:05:27	00:05:00	00:04:35
2019	00:07:39	00:06:30	00:05:50	00:05:22	00:04:59
2020	00:07:44	00:06:40	00:06:04	00:05:38	00:05:11
2021	00:07:42	00:06:44	00:05:58	00:05:28	00:05:03



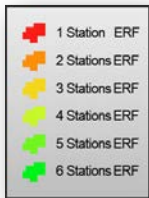
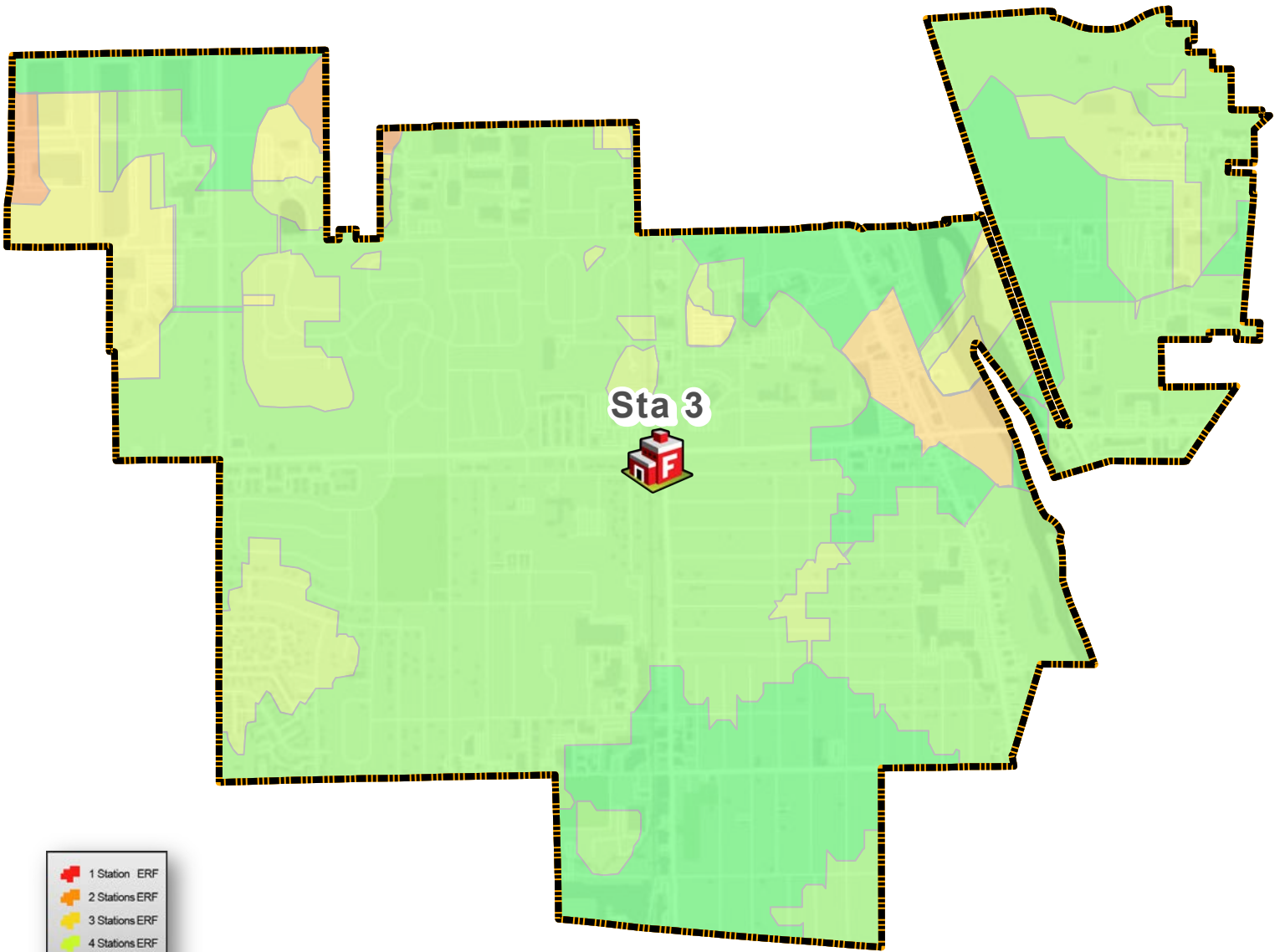
Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:27	00:07:00	00:06:07	00:05:36	00:05:11
2019	00:09:39	00:08:00	00:06:52	00:06:05	00:05:43
2020	00:09:51	00:08:36	00:07:05	00:06:14	00:05:44
2021	00:09:36	00:08:13	00:07:08	00:06:40	00:06:13





EFFECTIVE RESPONSE FORCE FULL COMPLIMENT WITHIN 8 MINUTES



0%
OF INCIDENTS ARE
COVERED BY **2** STATIONS

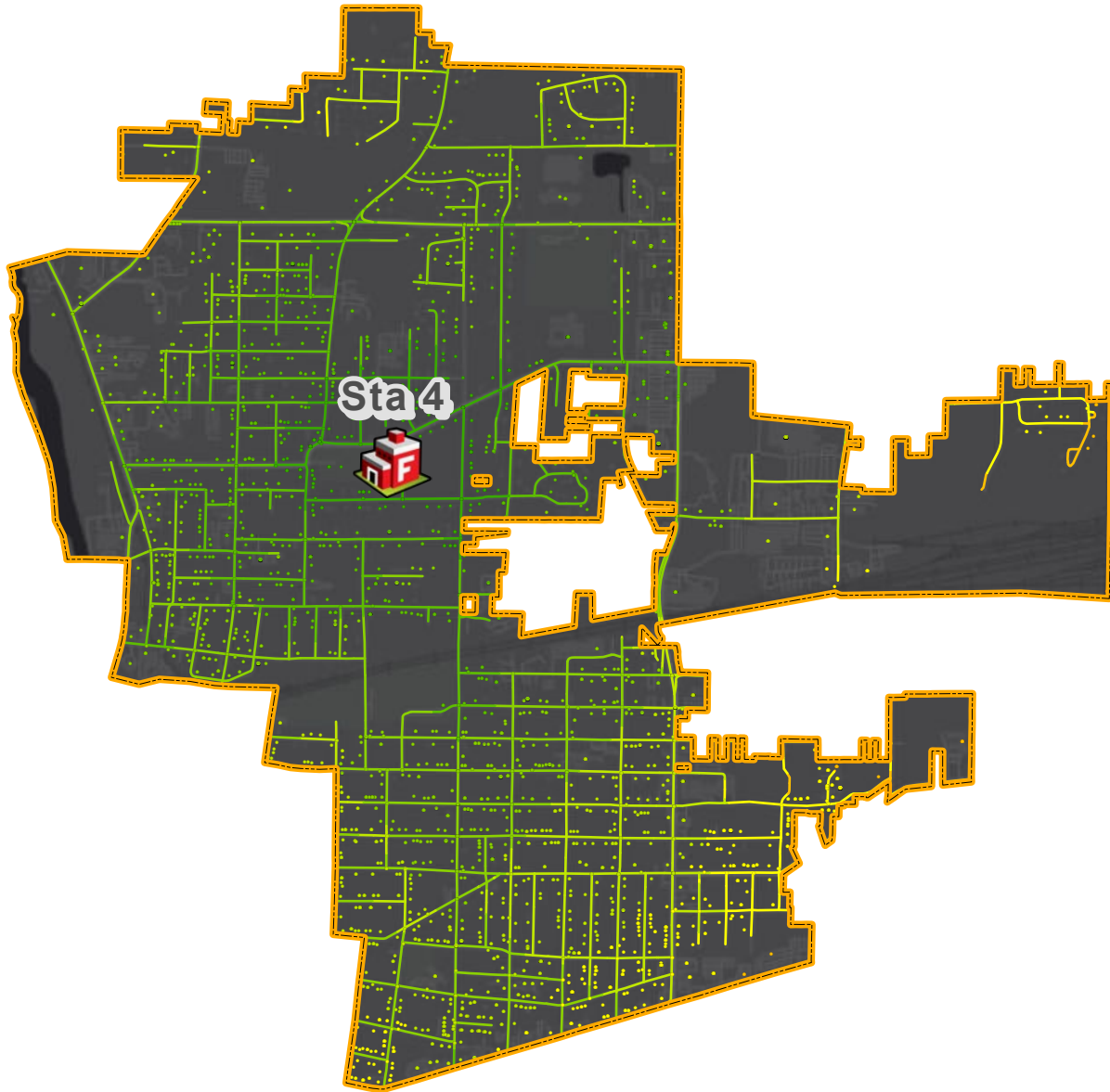
2%
OF INCIDENTS ARE
COVERED BY **3** STATIONS

6%
OF INCIDENTS ARE
COVERED BY **4** STATIONS

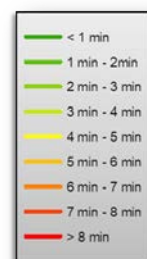
63%
OF INCIDENTS ARE
COVERED BY **5** STATIONS

26%
OF INCIDENTS ARE
COVERED BY **6** STATIONS





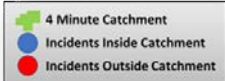
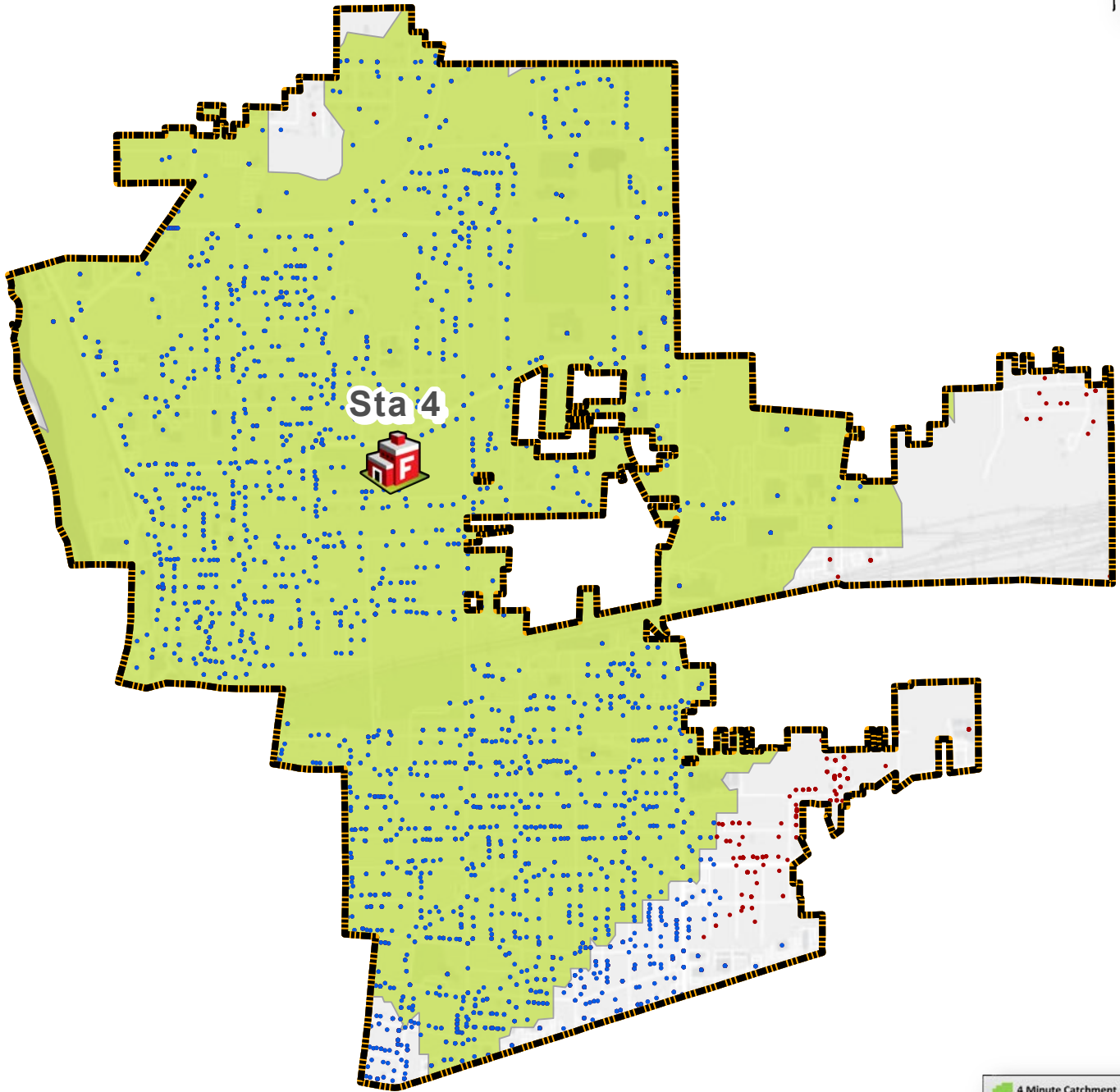
Incidents and streets are displayed in one-minute increments based on travel time from the closest fire station.





88%

OF INCIDENTS ARE IN THE 4 MINUTE CATCHMENT



Percentages of "First On Scene" from Historic RESPONSE Times

WITHIN 4 MIN CATCHMENT

WITHIN COMPLETE AoR



56%

FIRE INCIDENTS



41%

EMS INCIDENTS



52%

FIRE INCIDENTS



37%

EMS INCIDENTS





Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
All	00:08:16	00:07:09	00:06:29	00:05:58	00:05:33
Fire	00:07:50	00:06:37	00:05:52	00:05:31	00:05:18
EMS	00:08:02	00:07:00	00:06:22	00:05:52	00:05:28



All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:08:16	00:07:09	00:06:29	00:05:58	00:05:33
Calculated	00:05:09	00:04:39	00:04:13	00:03:47	00:03:29



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:07:50	00:06:37	00:05:52	00:05:31	00:05:18
Calculated	00:05:24	00:04:55	00:04:37	00:04:13	00:03:55



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:08:02	00:07:00	00:06:22	00:05:52	00:05:28
Calculated	00:05:09	00:04:39	00:04:12	00:03:45	00:03:29



Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:09:18	00:07:42	00:06:54	00:06:17	00:05:49
Calculated	00:05:08	00:04:37	00:04:13	00:03:49	00:03:27





All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:04	00:07:00	00:06:16	00:05:48	00:05:25
2019	00:08:18	00:07:08	00:06:30	00:05:54	00:05:28
2020	00:08:13	00:07:11	00:06:34	00:06:03	00:05:37
2021	00:08:36	00:07:20	00:06:36	00:06:10	00:05:44



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:22	00:07:30	00:07:13	00:05:48	00:05:00
2019	00:05:51	00:05:31	00:05:27	00:05:20	00:04:53
2020	00:07:32	00:06:11	00:05:51	00:05:36	00:05:16
2021	00:07:22	00:06:54	00:06:23	00:05:34	00:05:18



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:07:12	00:06:12	00:05:36	00:05:08	00:04:50
2019	00:07:56	00:06:59	00:06:21	00:05:50	00:05:25
2020	00:08:07	00:07:04	00:06:28	00:05:59	00:05:34
2021	00:08:17	00:07:08	00:06:29	00:06:05	00:05:39



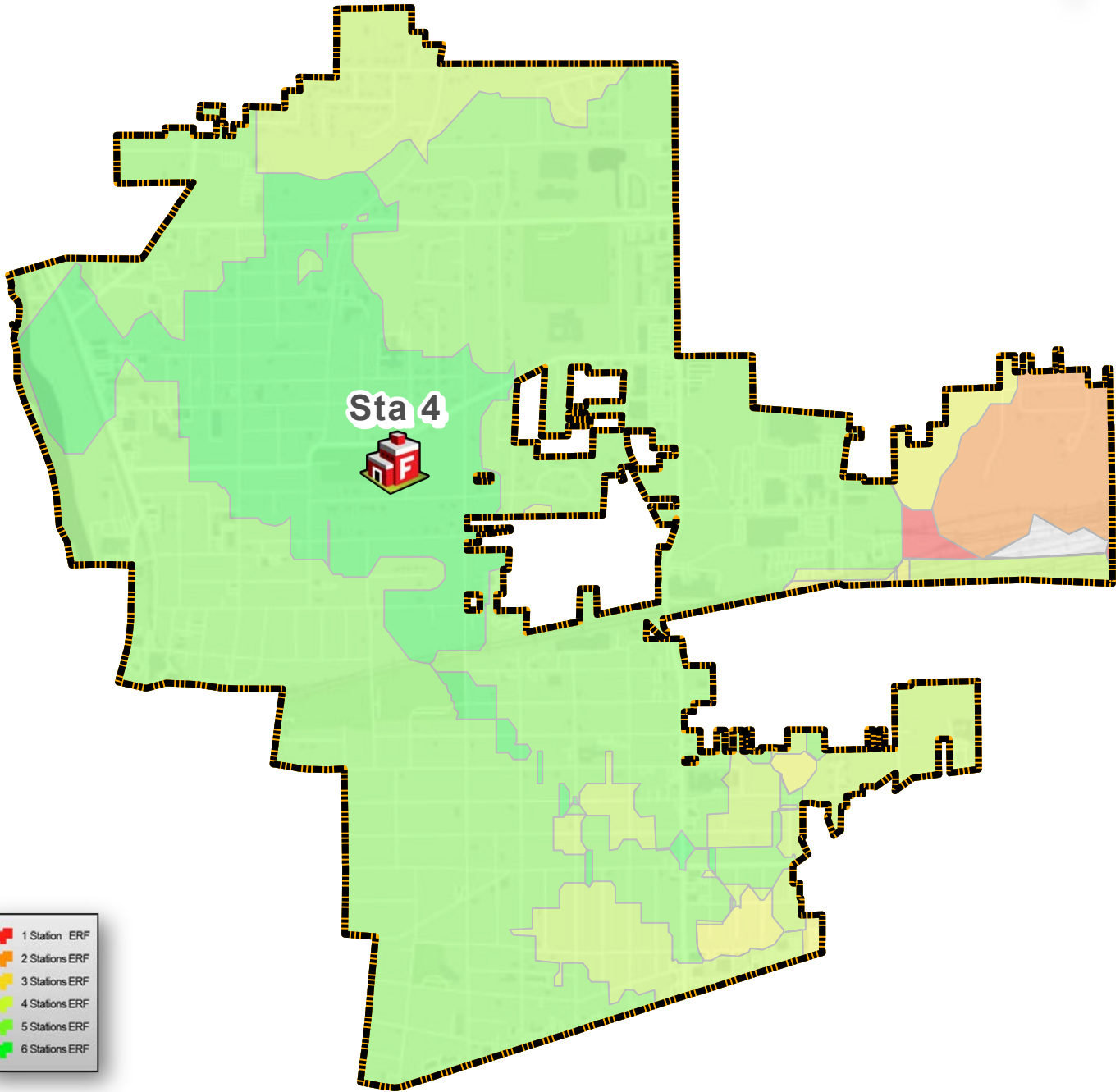
Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:22	00:07:14	00:06:34	00:06:01	00:05:40
2019	00:10:50	00:09:31	00:07:36	00:06:57	00:06:20
2020	00:09:08	00:07:49	00:07:18	00:06:36	00:06:07
2021	00:10:27	00:08:47	00:07:51	00:07:01	00:06:23





EFFECTIVE RESPONSE FORCE FULL COMPLIMENT WITHIN 8 MINUTES



- 1 Station ERF
- 2 Stations ERF
- 3 Stations ERF
- 4 Stations ERF
- 5 Stations ERF
- 6 Stations ERF

0%
OF INCIDENTS ARE
COVERED BY **2** STATIONS

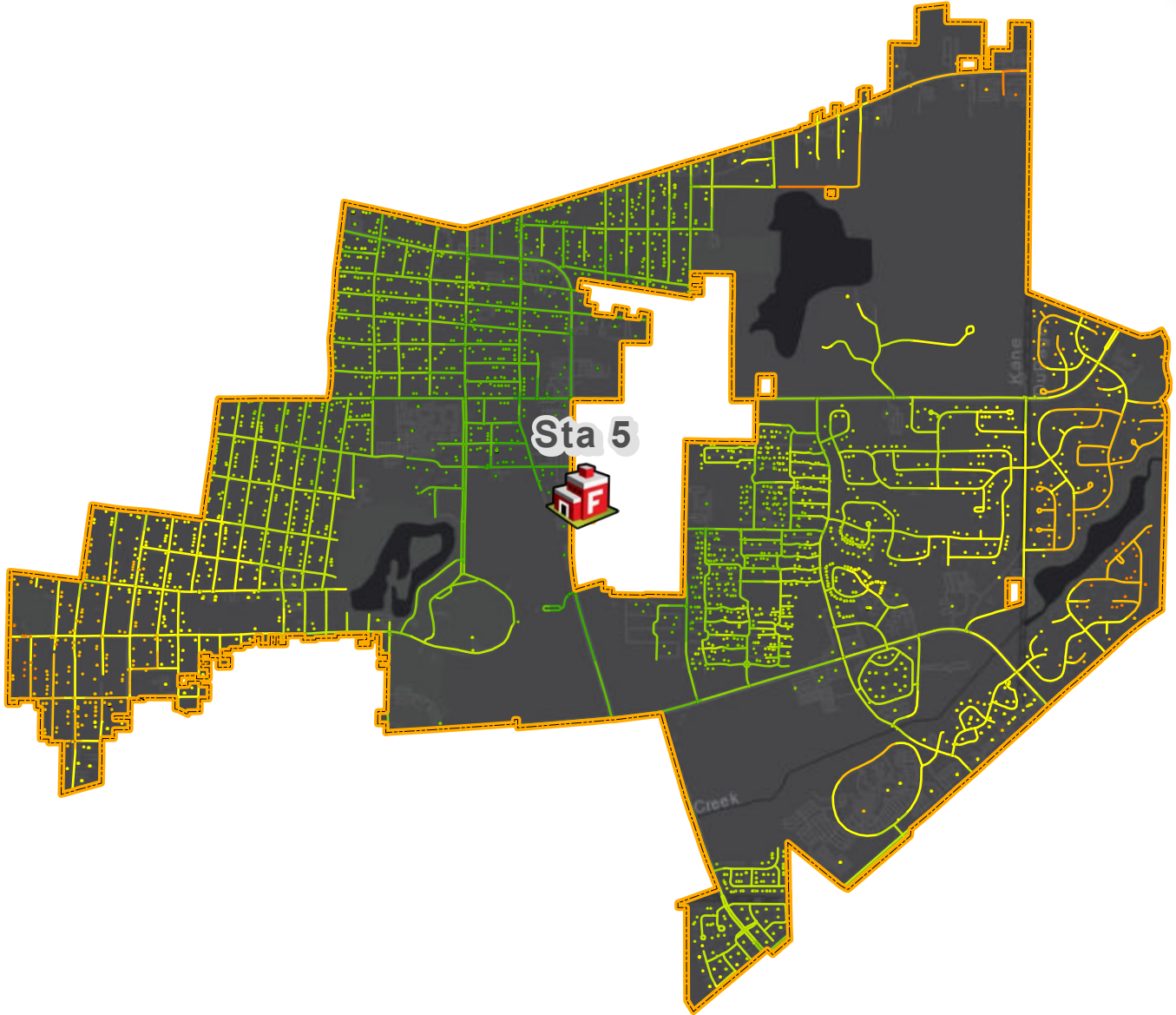
2%
OF INCIDENTS ARE
COVERED BY **3** STATIONS

10%
OF INCIDENTS ARE
COVERED BY **4** STATIONS

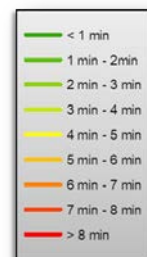
73%
OF INCIDENTS ARE
COVERED BY **5** STATIONS

13%
OF INCIDENTS ARE
COVERED BY **6** STATIONS



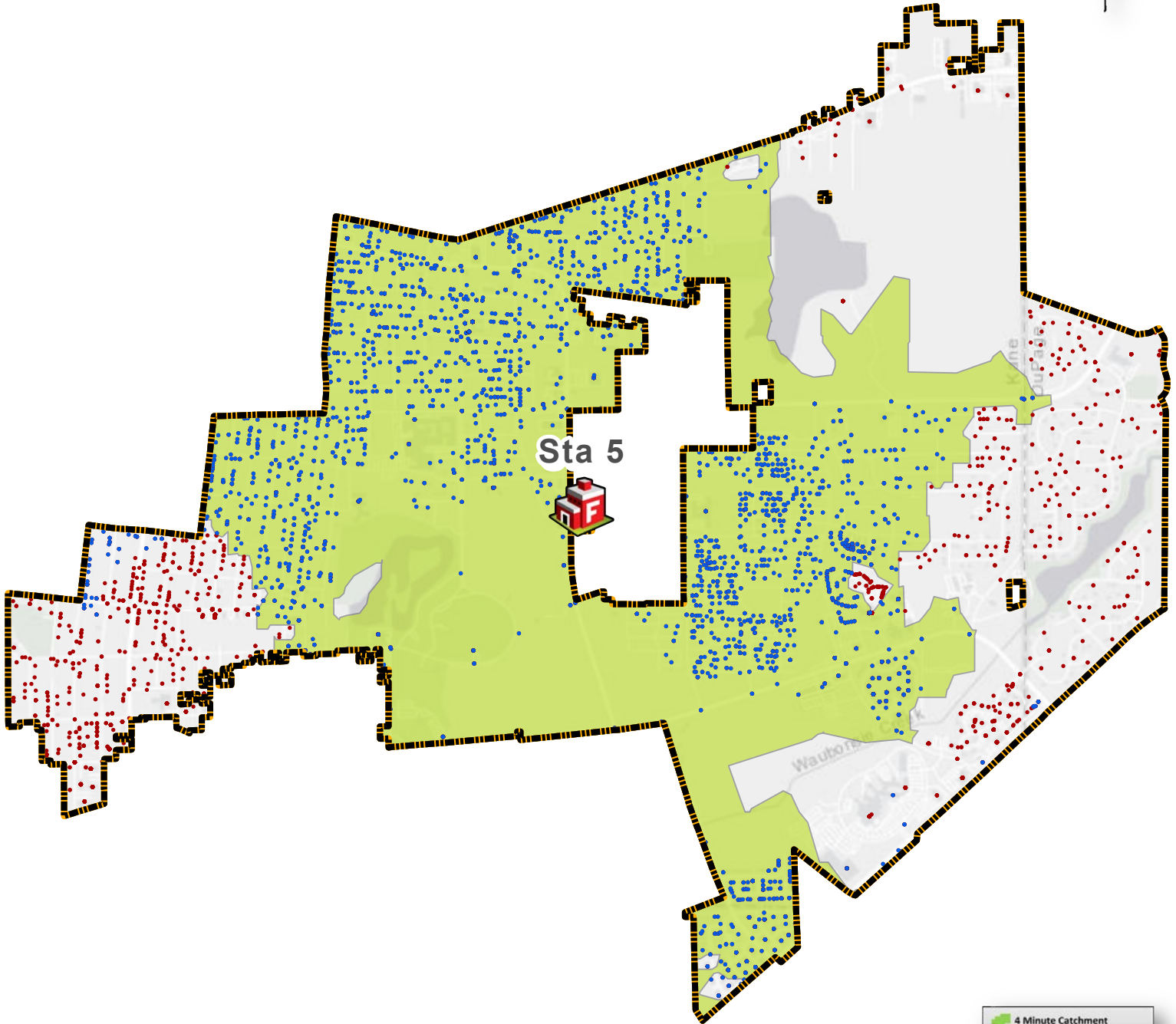


Incidents and streets are displayed in one-minute increments based on travel time from the closest fire station.





 **70%**
OF INCIDENTS ARE IN THE
4 MINUTE CATCHMENT



Percentages of "First On Scene" from Historic RESPONSE Times

WITHIN 4 MIN CATCHMENT

 **49%**
FIRE INCIDENTS

 **29%**
EMS INCIDENTS

WITHIN COMPLETE AoR

 **42%**
FIRE INCIDENTS

 **23%**
EMS INCIDENTS





Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
All	00:09:05	00:07:51	00:07:09	00:06:38	00:06:11
Fire	00:07:57	00:07:18	00:06:40	00:06:14	00:05:42
EMS	00:08:36	00:07:37	00:07:00	00:06:31	00:06:06



All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:09:05	00:07:51	00:07:09	00:06:38	00:06:11
Calculated	00:05:57	00:05:19	00:04:50	00:04:38	00:04:16



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:07:57	00:07:18	00:06:40	00:06:14	00:05:42
Calculated	00:06:31	00:06:13	00:05:18	00:04:59	00:04:47



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:08:36	00:07:37	00:07:00	00:06:31	00:06:06
Calculated	00:05:56	00:05:19	00:05:00	00:04:39	00:04:18



Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:10:46	00:08:44	00:07:39	00:07:01	00:06:29
Calculated	00:05:57	00:05:25	00:04:58	00:04:36	00:04:06





All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:09:21	00:07:48	00:07:05	00:06:36	00:06:05
2019	00:08:57	00:07:47	00:07:04	00:06:33	00:06:09
2020	00:09:07	00:07:54	00:07:17	00:06:45	00:06:19
2021	00:09:05	00:07:53	00:07:09	00:06:38	00:06:09



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:07:48	00:07:04	00:06:51	00:06:14	00:05:41
2019	00:07:51	00:07:17	00:05:42	00:05:21	00:05:13
2020	00:07:54	00:07:03	00:06:27	00:06:18	00:05:52
2021	00:08:05	00:07:33	00:06:41	00:06:17	00:05:47



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:38	00:07:24	00:06:52	00:06:15	00:05:52
2019	00:08:31	00:07:32	00:06:55	00:06:28	00:06:05
2020	00:08:41	00:07:44	00:07:07	00:06:38	00:06:14
2021	00:08:40	00:07:41	00:07:01	00:06:32	00:06:06



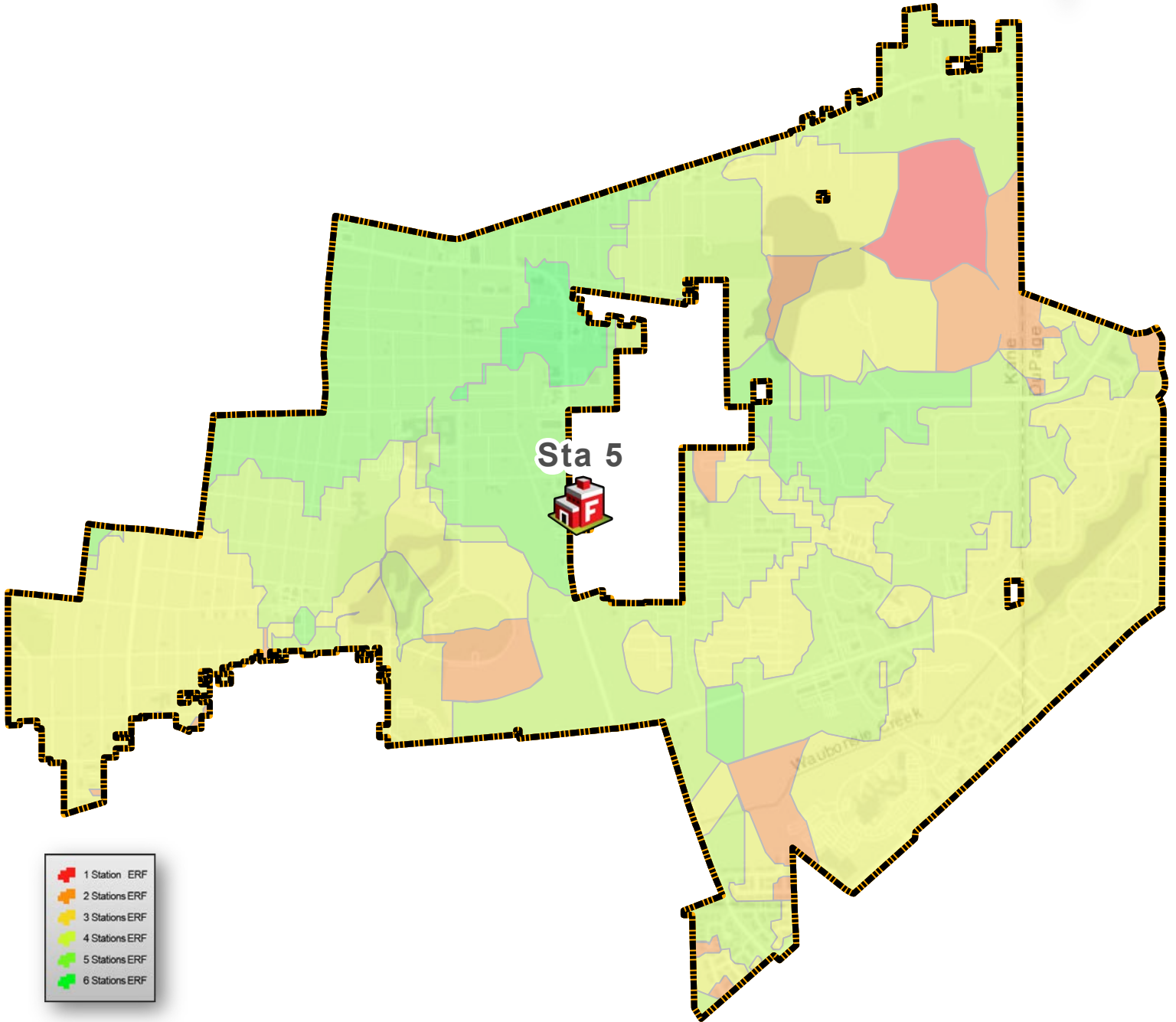
Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:09:37	00:08:02	00:07:13	00:06:45	00:06:12
2019	00:11:58	00:09:56	00:08:27	00:07:29	00:06:47
2020	00:12:14	00:09:51	00:08:31	00:07:43	00:07:08
2021	00:12:33	00:09:59	00:08:44	00:07:51	00:07:00





EFFECTIVE RESPONSE FORCE
FULL COMPLIMENT WITHIN 8 MINUTES



2%

OF INCIDENTS ARE COVERED BY 2 STATIONS

39%

OF INCIDENTS ARE COVERED BY 3 STATIONS

26%

OF INCIDENTS ARE COVERED BY 4 STATIONS

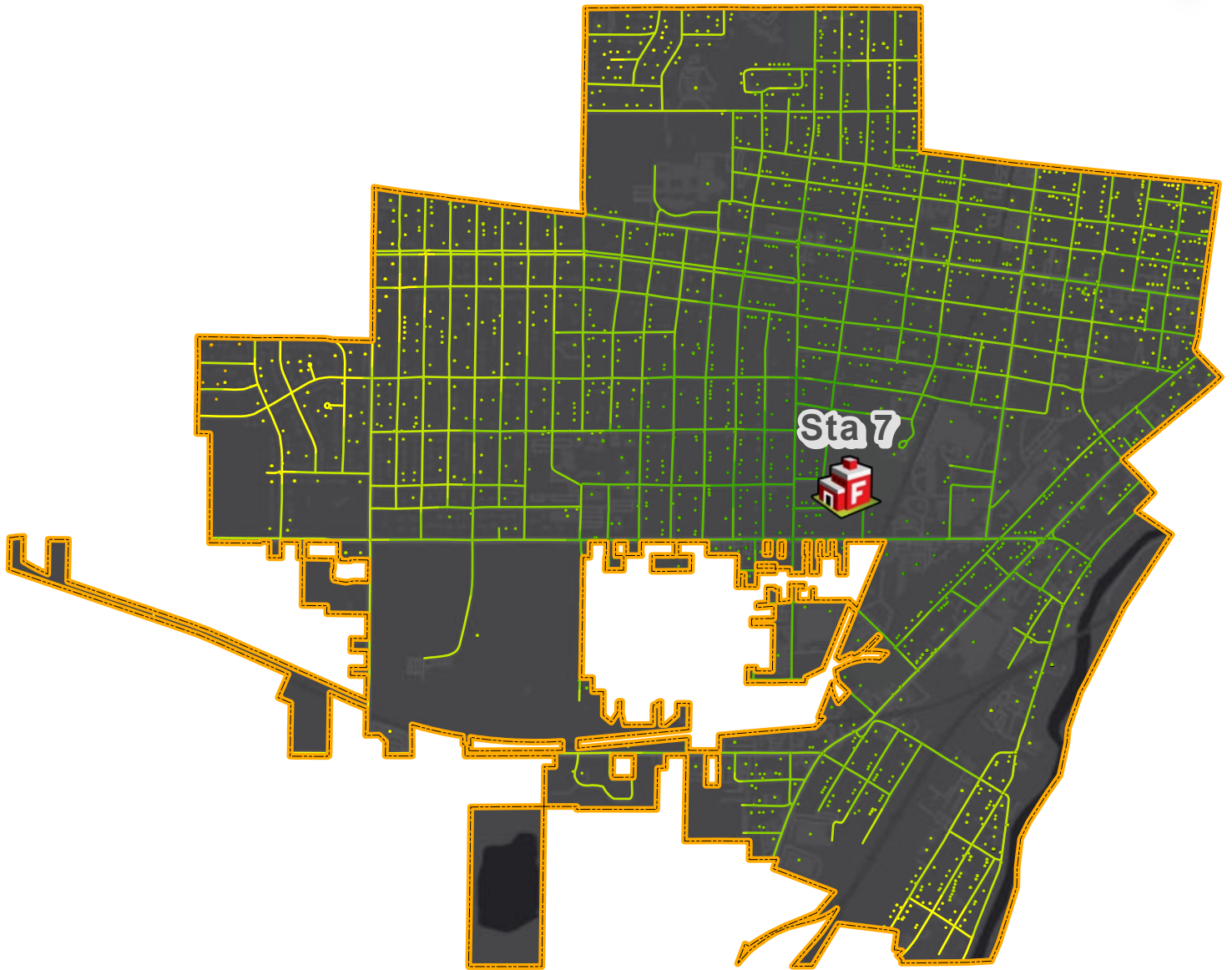
30%

OF INCIDENTS ARE COVERED BY 5 STATIONS

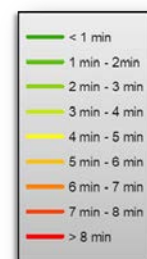
2%

OF INCIDENTS ARE COVERED BY 6 STATIONS





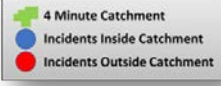
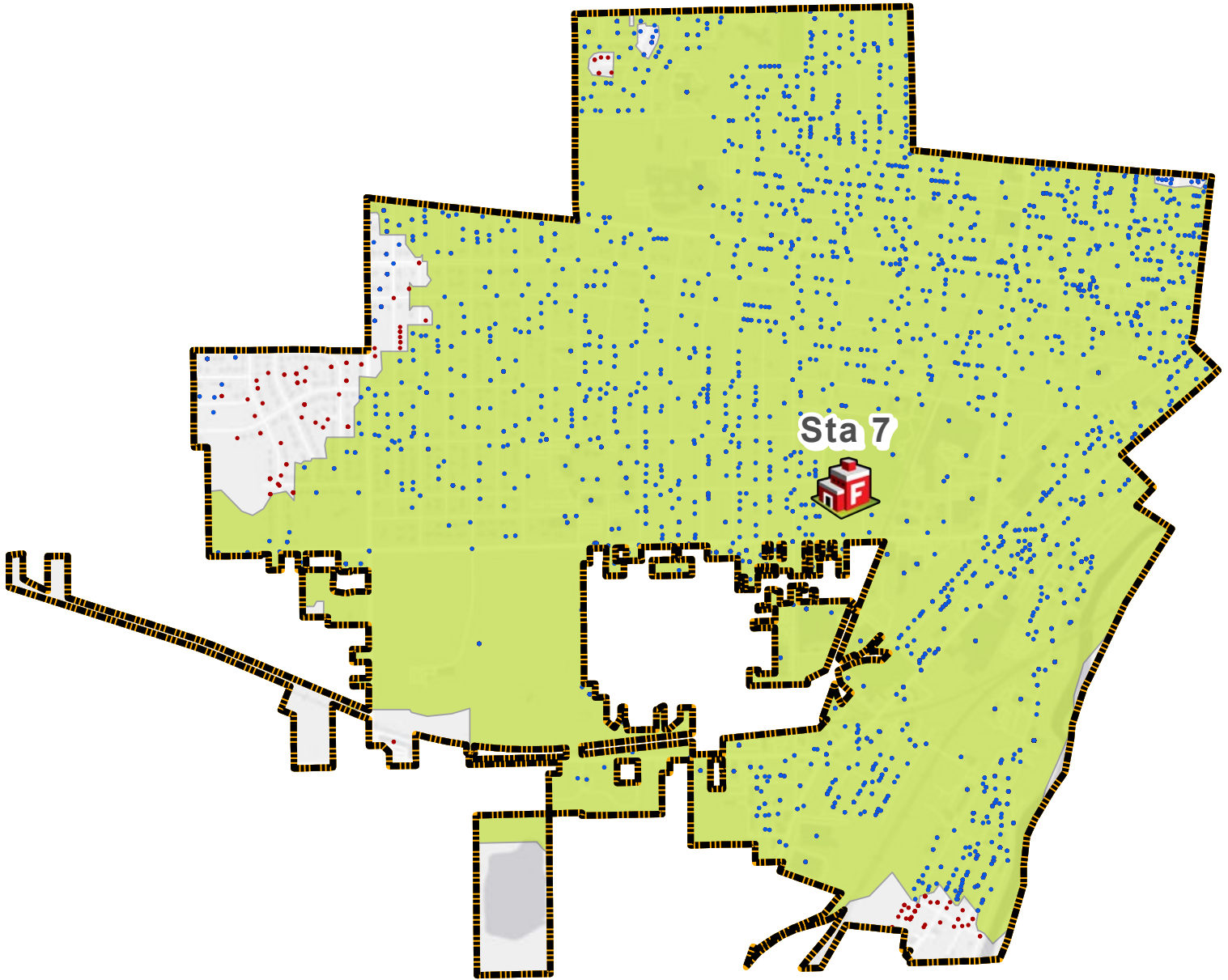
Incidents and streets are displayed in one-minute increments based on travel time from the closest fire station.





96%

OF INCIDENTS ARE IN THE 4 MINUTE CATCHMENT



Percentages of "First On Scene" from Historic RESPONSE Times

WITHIN 4 MIN CATCHMENT

55%
FIRE INCIDENTS

37%
EMS INCIDENTS

WITHIN COMPLETE AoR

55%
FIRE INCIDENTS

36%
EMS INCIDENTS





Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
All	00:08:05	00:07:01	00:06:23	00:05:56	00:05:34
Fire	00:07:52	00:06:26	00:06:07	00:05:26	00:05:11
EMS	00:07:45	00:06:52	00:06:16	00:05:50	00:05:30



All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:08:05	00:07:01	00:06:23	00:05:56	00:05:34
Calculated	00:04:44	00:04:17	00:04:13	00:04:07	00:03:57



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:07:52	00:06:26	00:06:07	00:05:26	00:05:11
Calculated	00:05:00	00:04:39	00:04:31	00:04:22	00:04:04



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:07:45	00:06:52	00:06:16	00:05:50	00:05:30
Calculated	00:04:45	00:04:18	00:04:13	00:04:07	00:04:02



Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:08:52	00:07:31	00:06:44	00:06:15	00:05:48
Calculated	00:04:38	00:04:13	00:04:13	00:04:04	00:03:52





All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:00	00:06:56	00:06:19	00:05:57	00:05:31
2019	00:07:52	00:06:53	00:06:16	00:05:50	00:05:28
2020	00:08:14	00:07:04	00:06:26	00:05:59	00:05:35
2021	00:08:11	00:07:09	00:06:32	00:06:01	00:05:43



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:06:28	00:06:23	00:06:19	00:06:00	00:05:52
2019	00:07:50	00:07:14	00:05:53	00:05:24	00:05:17
2020	00:09:13	00:06:27	00:06:07	00:04:55	00:04:38
2021	00:06:50	00:05:39	00:05:32	00:05:16	00:04:59



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:07:00	00:06:04	00:05:55	00:05:20	00:05:00
2019	00:07:40	00:06:48	00:06:13	00:05:49	00:05:26
2020	00:07:49	00:06:58	00:06:20	00:05:55	00:05:33
2021	00:07:54	00:07:01	00:06:25	00:05:58	00:05:40



Other Incidents Response Time (h:mm:ss)

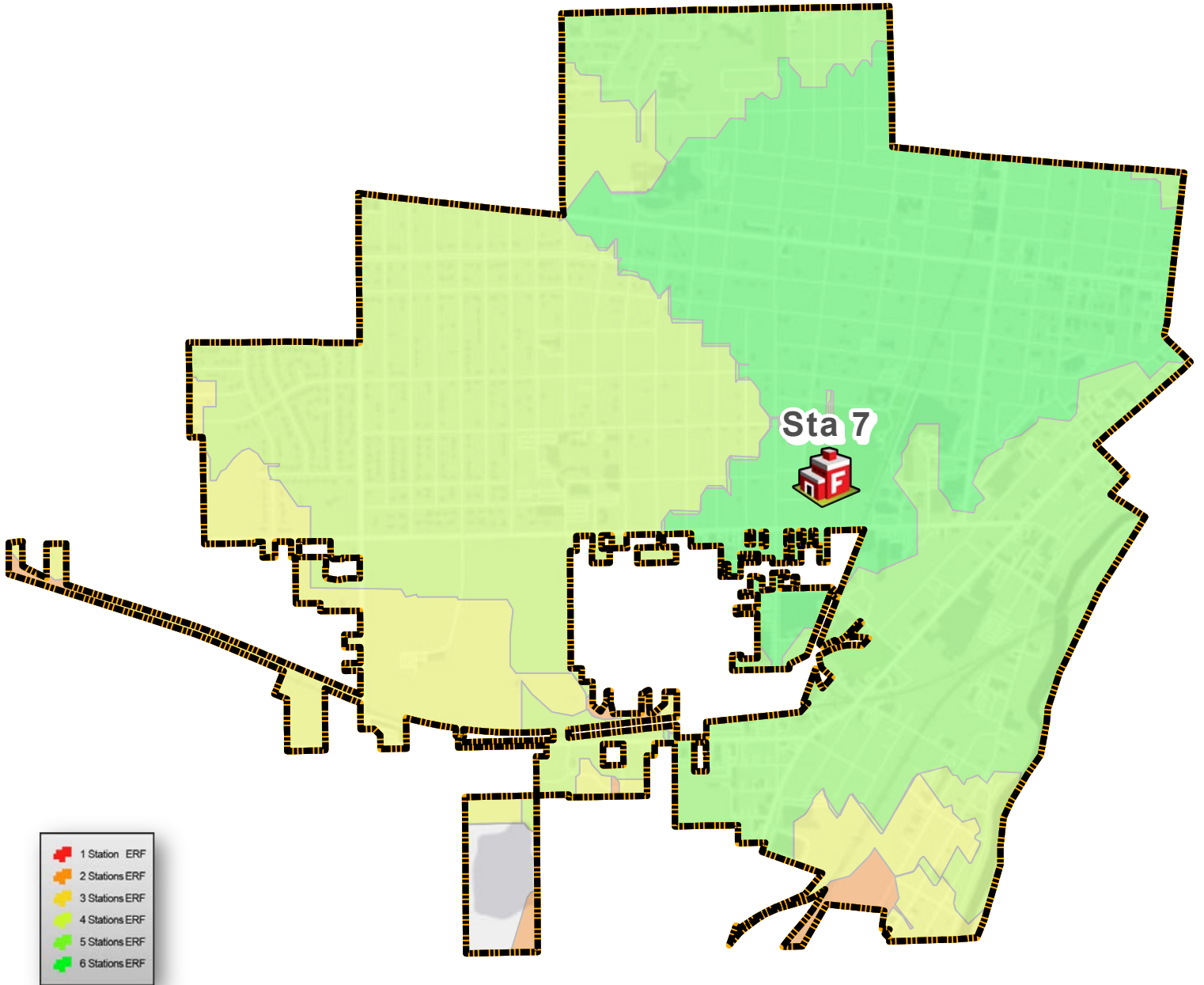
	90%	80%	70%	60%	50%
2018	00:08:25	00:07:18	00:06:35	00:06:07	00:05:46
2019	00:08:55	00:07:36	00:06:34	00:06:03	00:05:38
2020	00:09:10	00:08:22	00:07:05	00:06:37	00:05:56
2021	00:10:16	00:08:43	00:07:30	00:06:43	00:06:19





ERF

EFFECTIVE RESPONSE FORCE
FULL COMPLIMENT WITHIN 8 MINUTES



0%

OF INCIDENTS ARE COVERED BY **2** STATIONS

4%

OF INCIDENTS ARE COVERED BY **3** STATIONS

21%

OF INCIDENTS ARE COVERED BY **4** STATIONS

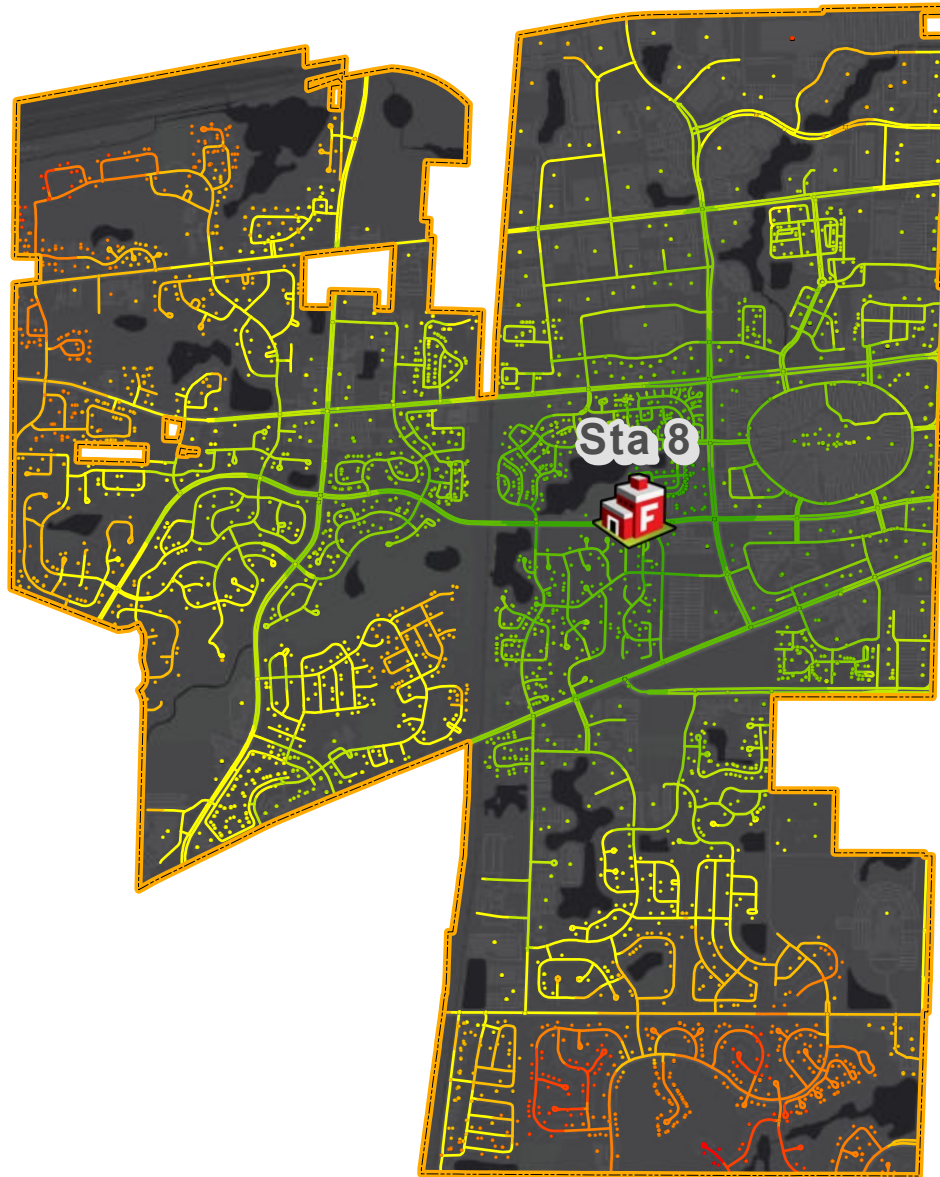
38%

OF INCIDENTS ARE COVERED BY **5** STATIONS

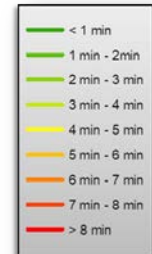
34%

OF INCIDENTS ARE COVERED BY **6** STATIONS




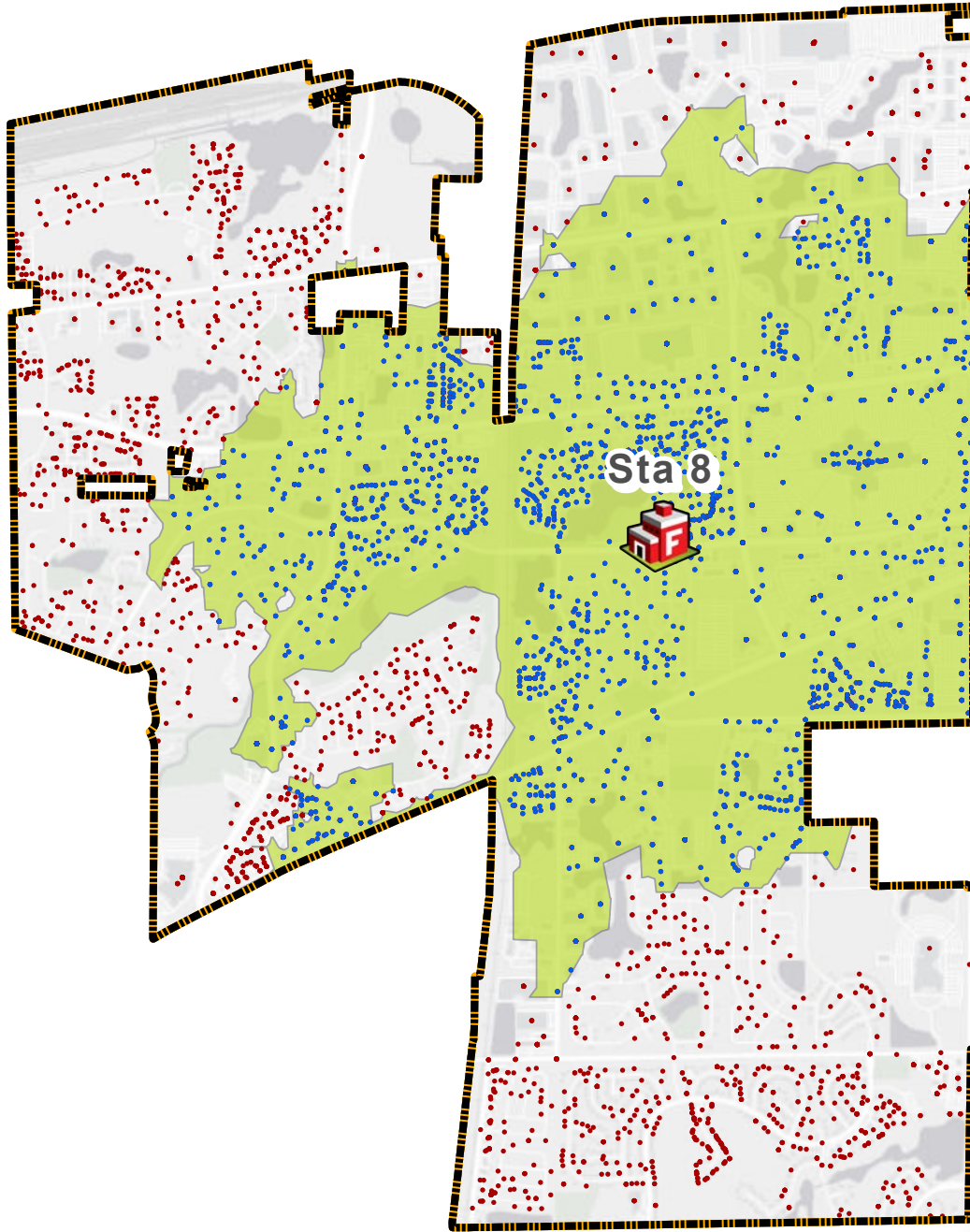


Incidents and streets are displayed in one-minute increments based on travel time from the closest fire station.





 **60%**
OF INCIDENTS ARE IN THE
4 MINUTE CATCHMENT



- 4 Minute Catchment
- Incidents Inside Catchment
- Incidents Outside Catchment

Percentages of "First On Scene" from Historic RESPONSE Times

WITHIN 4 MIN CATCHMENT

 **43%** FIRE INCIDENTS

 **44%** EMS INCIDENTS

WITHIN COMPLETE AoR

 **29%** FIRE INCIDENTS

 **31%** EMS INCIDENTS





Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
All	00:09:14	00:07:56	00:07:11	00:06:39	00:06:08
Fire	00:09:09	00:08:03	00:07:13	00:06:50	00:06:15
EMS	00:08:42	00:07:33	00:06:53	00:06:21	00:05:52



All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:09:14	00:07:56	00:07:11	00:06:39	00:06:08
Calculated	00:07:05	00:06:12	00:05:37	00:05:02	00:04:32



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:09:09	00:08:03	00:07:13	00:06:50	00:06:15
Calculated	00:06:53	00:06:16	00:05:49	00:05:16	00:04:52



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:08:42	00:07:33	00:06:53	00:06:21	00:05:52
Calculated	00:06:44	00:05:59	00:05:29	00:04:52	00:04:15



Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:10:05	00:08:36	00:07:49	00:07:08	00:06:36
Calculated	00:07:30	00:06:25	00:05:51	00:05:19	00:04:46





All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:09:15	00:08:00	00:07:10	00:06:41	00:06:04
2019	00:09:09	00:07:52	00:07:03	00:06:31	00:06:02
2020	00:09:11	00:07:57	00:07:11	00:06:41	00:06:10
2021	00:09:16	00:08:01	00:07:22	00:06:47	00:06:11



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:19	00:07:29	00:07:04	00:06:50	00:06:09
2019	00:07:51	00:07:22	00:06:41	00:06:27	00:06:00
2020	00:08:57	00:08:03	00:07:11	00:07:01	00:06:03
2021	00:11:02	00:08:12	00:07:45	00:06:55	00:06:15



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:18	00:07:20	00:06:49	00:06:08	00:05:38
2019	00:08:42	00:07:25	00:06:45	00:06:14	00:05:48
2020	00:08:31	00:07:29	00:06:50	00:06:19	00:05:53
2021	00:08:57	00:07:49	00:07:12	00:06:36	00:06:02



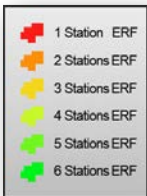
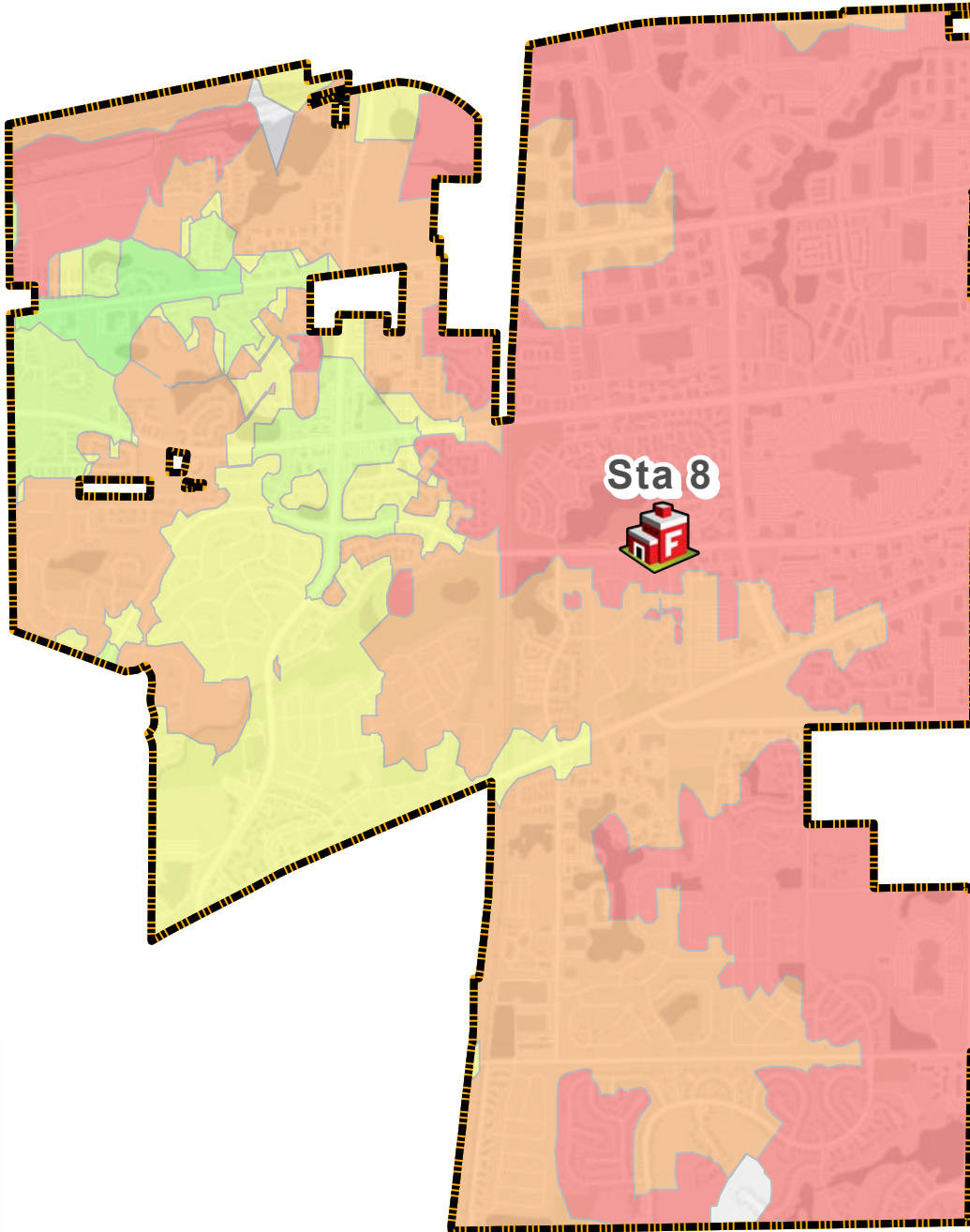
Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:09:47	00:08:08	00:07:26	00:06:54	00:06:22
2019	00:10:22	00:08:55	00:08:04	00:07:23	00:06:43
2020	00:10:17	00:09:11	00:08:22	00:07:46	00:07:10
2021	00:09:46	00:08:41	00:07:50	00:07:12	00:06:42





EFFECTIVE RESPONSE FORCE FULL COMPLIMENT WITHIN 8 MINUTES



28%

OF INCIDENTS ARE COVERED BY **2** STATIONS

13%

OF INCIDENTS ARE COVERED BY **3** STATIONS

6%

OF INCIDENTS ARE COVERED BY **4** STATIONS

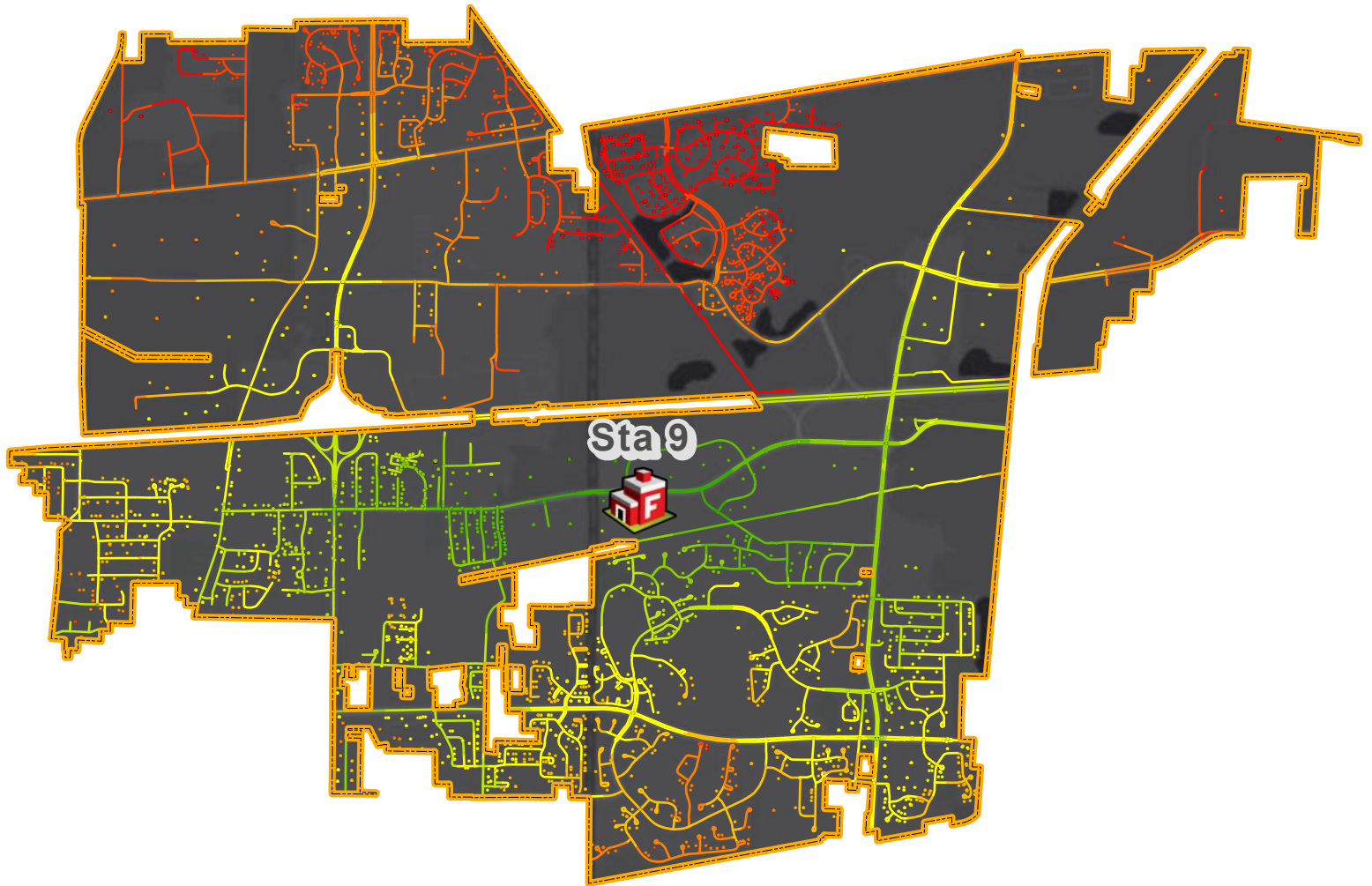
1%

OF INCIDENTS ARE COVERED BY **5** STATIONS

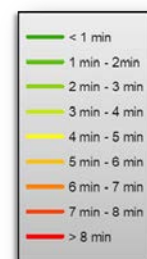
0%

OF INCIDENTS ARE COVERED BY **6** STATIONS





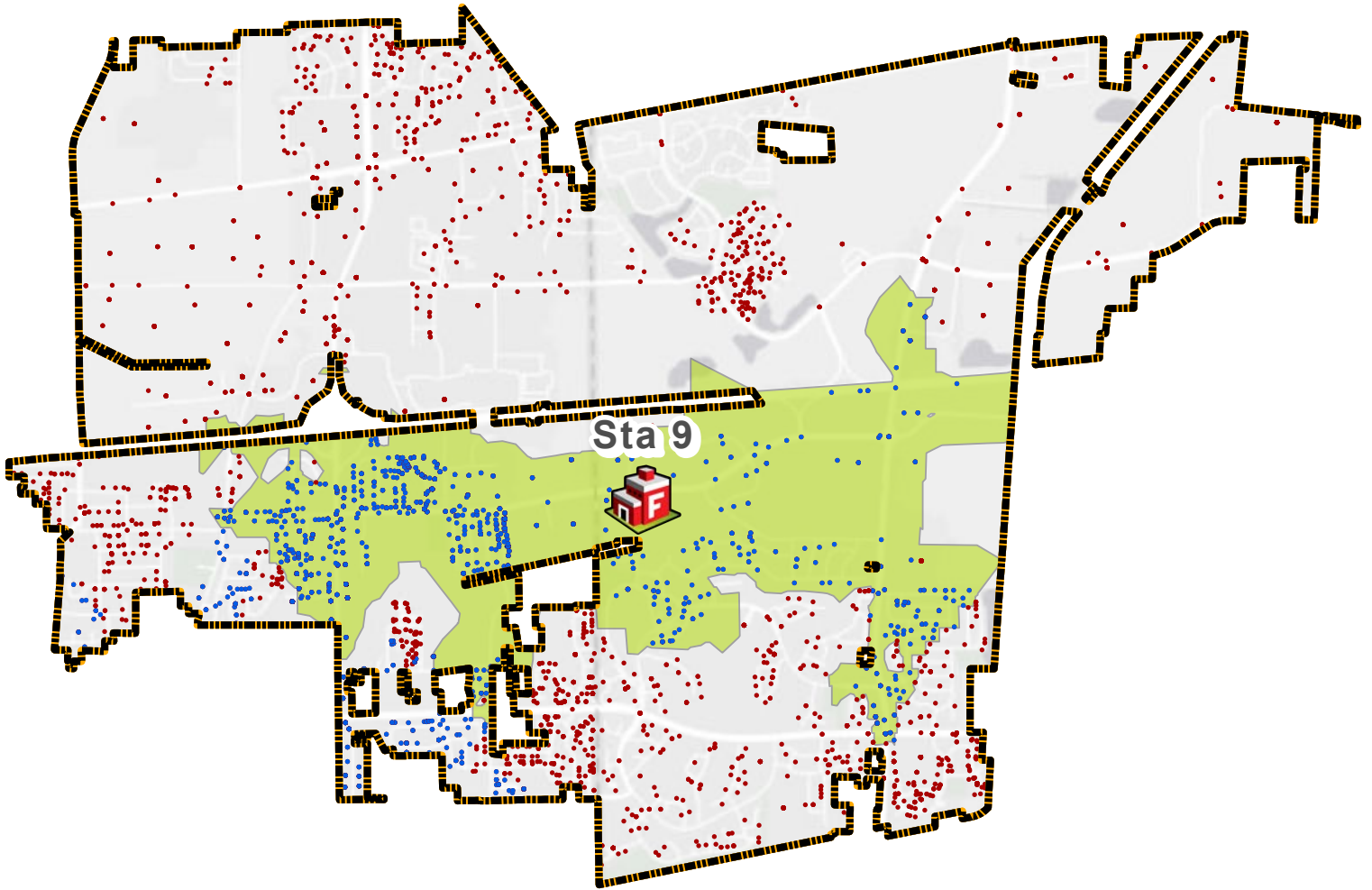
Incidents and streets are displayed in one-minute increments based on travel time from the closest fire station.





37%

OF INCIDENTS ARE IN THE 4 MINUTE CATCHMENT



Percentages of "First On Scene" from Historic RESPONSE Times

- 4 Minute Catchment
- Incidents Inside Catchment
- Incidents Outside Catchment

WITHIN 4 MIN CATCHMENT



44%

FIRE INCIDENTS



30%

EMS INCIDENTS

WITHIN COMPLETE AoR



29%

FIRE INCIDENTS



18%

EMS INCIDENTS





Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
All	00:09:54	00:08:40	00:07:54	00:07:19	00:06:47
Fire	00:09:57	00:08:31	00:07:35	00:06:54	00:06:33
EMS	00:09:25	00:08:21	00:07:38	00:07:07	00:06:40



All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:09:54	00:08:40	00:07:54	00:07:19	00:06:47
Calculated	00:08:16	00:07:12	00:06:29	00:05:56	00:05:30



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:09:57	00:08:31	00:07:35	00:06:54	00:06:33
Calculated	00:08:04	00:07:26	00:07:00	00:06:18	00:05:57



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:09:25	00:08:21	00:07:38	00:07:07	00:06:40
Calculated	00:08:20	00:07:08	00:06:24	00:05:54	00:05:28



Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:11:40	00:10:00	00:08:59	00:08:16	00:07:32
Calculated	00:08:12	00:07:21	00:06:45	00:06:04	00:05:39





All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:10:00	00:08:50	00:08:00	00:07:19	00:06:48
2019	00:09:49	00:08:37	00:07:47	00:07:11	00:06:41
2020	00:09:33	00:08:29	00:07:45	00:07:13	00:06:44
2021	00:10:05	00:08:53	00:08:08	00:07:35	00:07:03



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:10:01	00:08:52	00:07:55	00:07:16	00:06:49
2019	00:08:31	00:08:19	00:07:27	00:07:08	00:06:19
2020	00:10:09	00:08:22	00:07:37	00:06:50	00:06:26
2021	00:09:57	00:07:20	00:06:46	00:05:47	00:05:26



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:09:28	00:08:19	00:07:37	00:07:00	00:06:35
2019	00:09:25	00:08:23	00:07:34	00:07:00	00:06:34
2020	00:09:17	00:08:10	00:07:32	00:07:03	00:06:34
2021	00:09:43	00:08:31	00:07:54	00:07:23	00:06:58



Other Incidents Response Time (h:mm:ss)

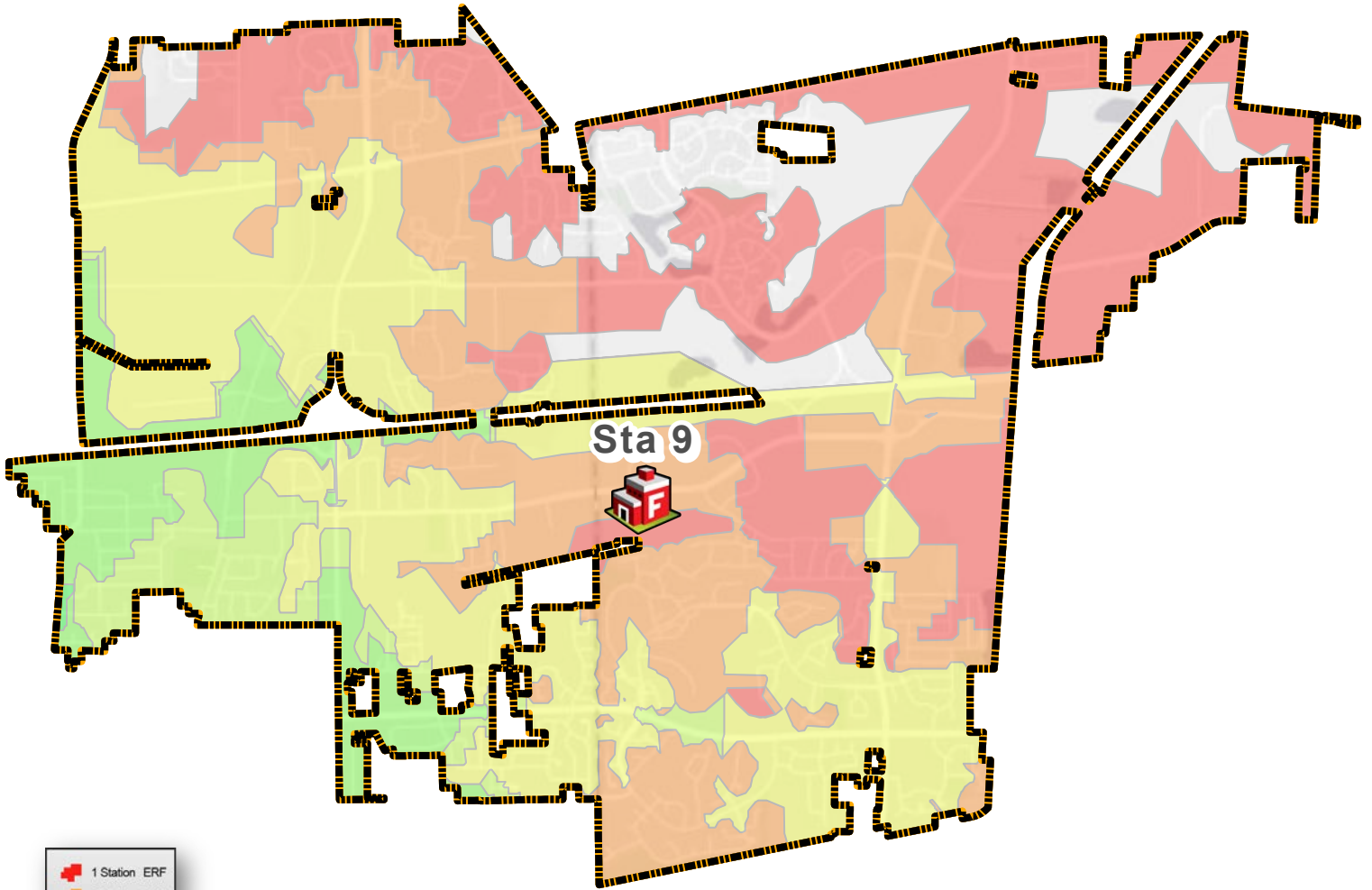
	90%	80%	70%	60%	50%
2018	00:11:43	00:09:48	00:08:55	00:08:05	00:07:25
2019	00:11:15	00:10:03	00:08:54	00:07:58	00:07:20
2020	00:11:20	00:09:44	00:08:49	00:08:12	00:07:28
2021	00:11:50	00:10:26	00:09:20	00:08:34	00:08:03





ERF

EFFECTIVE RESPONSE FORCE
FULL COMPLIMENT WITHIN 8 MINUTES



- 1 Station ERF
- 2 Stations ERF
- 3 Stations ERF
- 4 Stations ERF
- 5 Stations ERF
- 6 Stations ERF

20%

OF INCIDENTS ARE COVERED BY **2** STATIONS

34%

OF INCIDENTS ARE COVERED BY **3** STATIONS

11%

OF INCIDENTS ARE COVERED BY **4** STATIONS

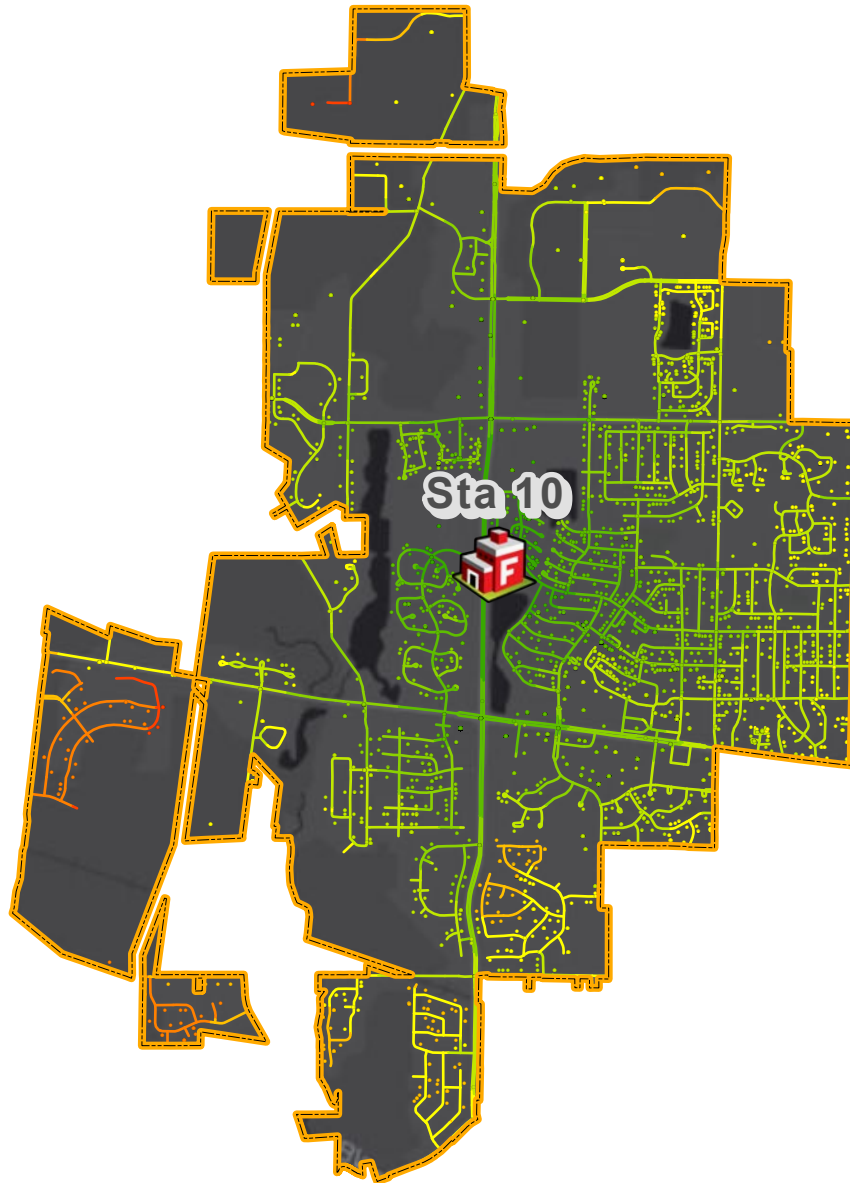
14%

OF INCIDENTS ARE COVERED BY **5** STATIONS

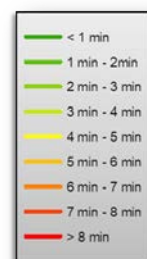
0%

OF INCIDENTS ARE COVERED BY **6** STATIONS





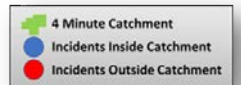
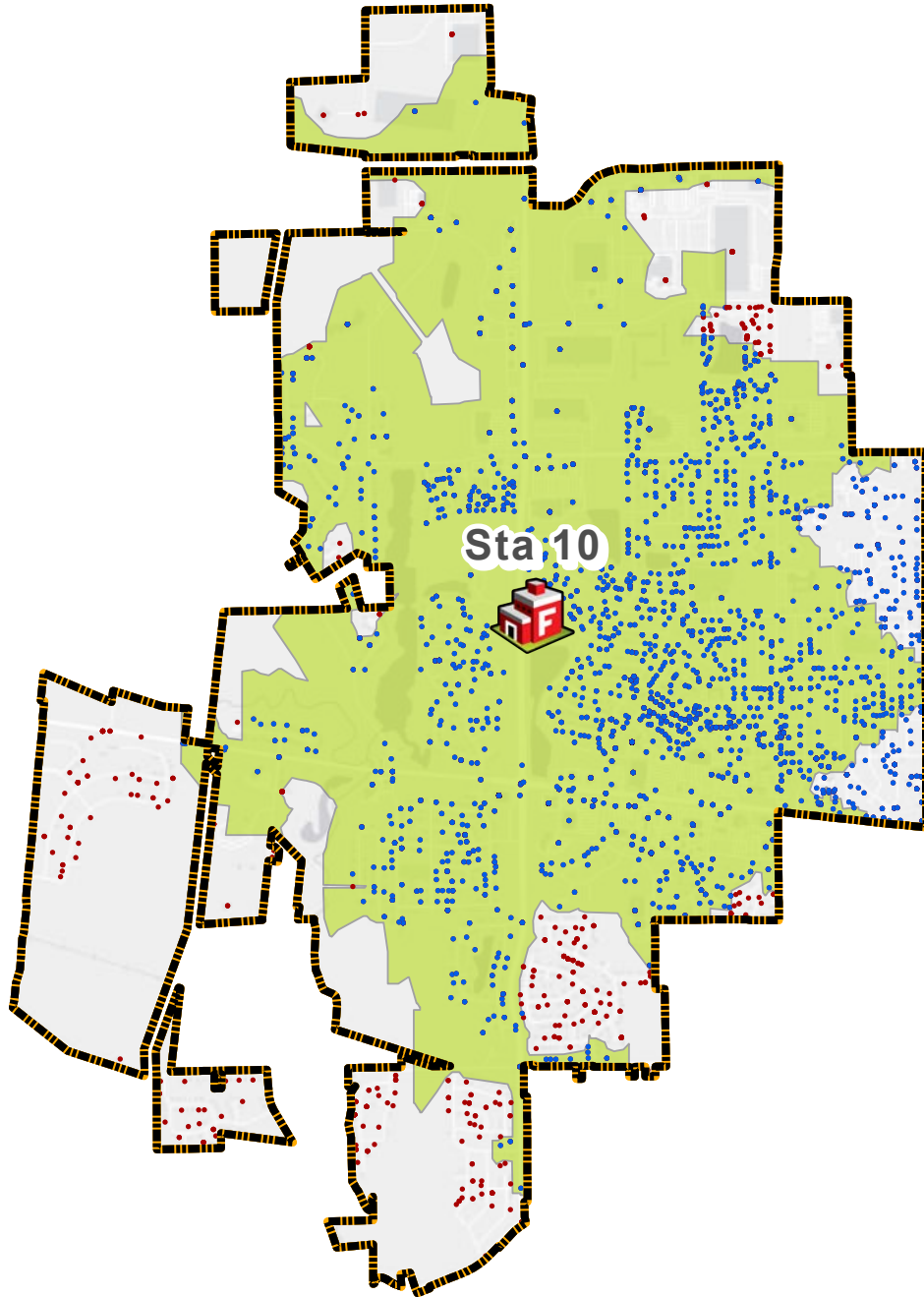
Incidents and streets are displayed in one-minute increments based on travel time from the closest fire station.





82%

OF INCIDENTS ARE IN THE 4 MINUTE CATCHMENT



Percentages of "First On Scene" from Historic RESPONSE Times

WITHIN 4 MIN CATCHMENT

WITHIN COMPLETE AoR



60%

FIRE INCIDENTS



48%

EMS INCIDENTS



58%

FIRE INCIDENTS



42%

EMS INCIDENTS





Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
All	00:07:50	00:06:47	00:06:14	00:05:47	00:05:23
Fire	00:06:30	00:06:01	00:05:49	00:05:22	00:04:57
EMS	00:07:41	00:06:40	00:06:08	00:05:42	00:05:19



All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:07:50	00:06:47	00:06:14	00:05:47	00:05:23
Calculated	00:05:07	00:04:54	00:04:31	00:04:28	00:04:10



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:06:30	00:06:01	00:05:49	00:05:22	00:04:57
Calculated	00:05:05	00:04:54	00:04:34	00:04:29	00:04:14



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:07:41	00:06:40	00:06:08	00:05:42	00:05:19
Calculated	00:05:06	00:04:55	00:04:31	00:04:28	00:04:11



Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:08:14	00:07:06	00:06:30	00:06:01	00:05:36
Calculated	00:05:07	00:04:48	00:04:31	00:04:28	00:04:09





All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:00	00:06:58	00:06:21	00:05:54	00:05:27
2019	00:07:46	00:06:41	00:06:06	00:05:39	00:05:17
2020	00:07:42	00:06:41	00:06:11	00:05:46	00:05:23
2021	00:07:54	00:06:49	00:06:17	00:05:51	00:05:26



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:06:30	00:06:04	00:05:55	00:05:25	00:05:22
2019	00:06:21	00:06:02	00:05:56	00:05:41	00:04:34
2020	00:05:49	00:05:49	00:05:38	00:05:11	00:04:48
2021	00:08:15	00:06:03	00:05:27	00:04:59	00:04:48



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:07:18	00:06:31	00:05:59	00:05:30	00:05:00
2019	00:07:35	00:06:36	00:06:02	00:05:34	00:05:12
2020	00:07:42	00:06:41	00:06:11	00:05:45	00:05:23
2021	00:07:52	00:06:48	00:06:17	00:05:51	00:05:26



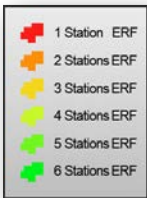
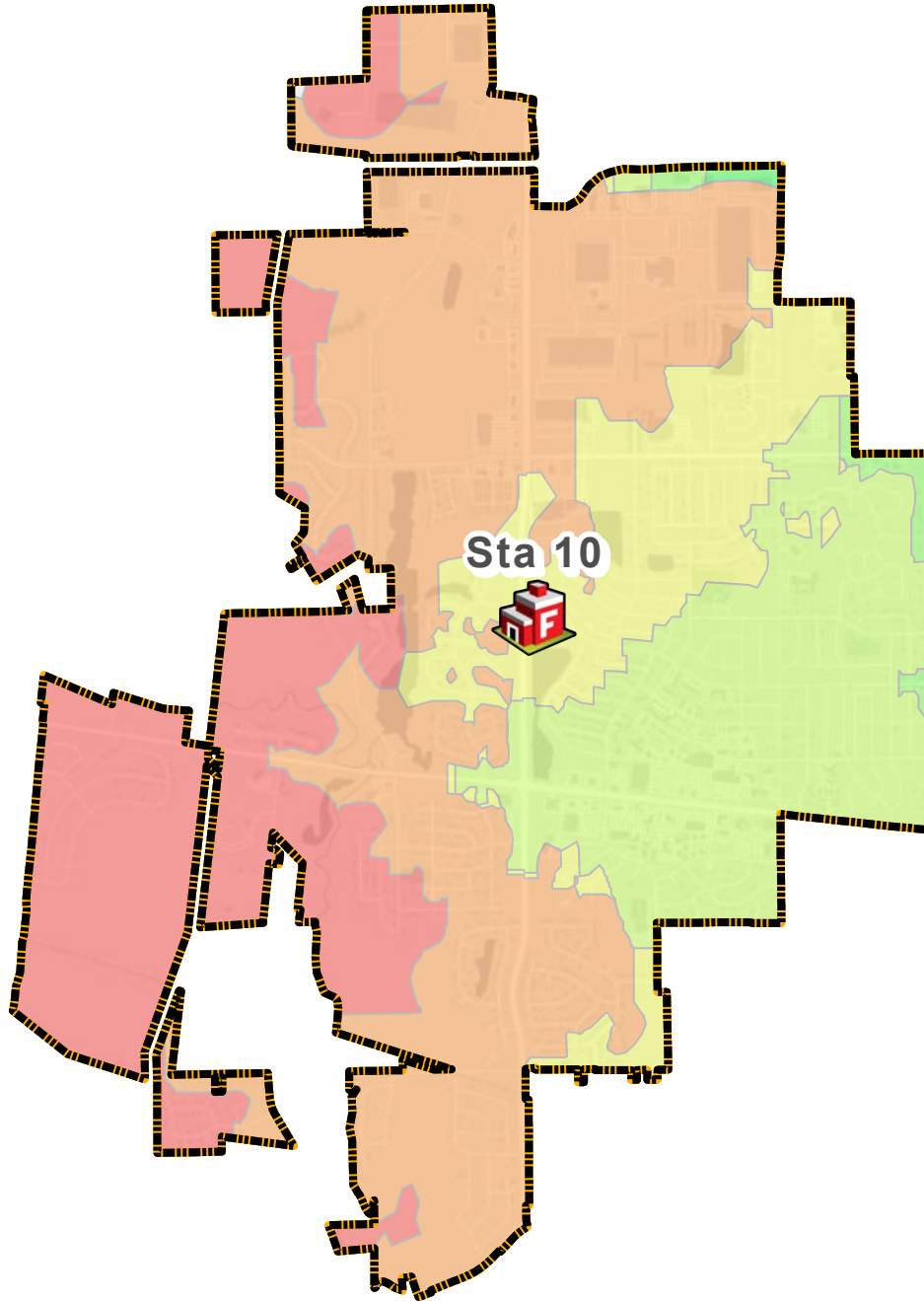
Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:13	00:07:08	00:06:31	00:06:00	00:05:36
2019	00:08:40	00:07:23	00:06:40	00:06:09	00:05:48
2020	00:07:45	00:06:50	00:06:12	00:05:50	00:05:25
2021	00:08:09	00:06:54	00:06:25	00:05:54	00:05:28





EFFECTIVE RESPONSE FORCE FULL COMPLIMENT WITHIN 8 MINUTES



19%

OF INCIDENTS ARE COVERED BY **2** STATIONS

19%

OF INCIDENTS ARE COVERED BY **3** STATIONS

56%

OF INCIDENTS ARE COVERED BY **4** STATIONS

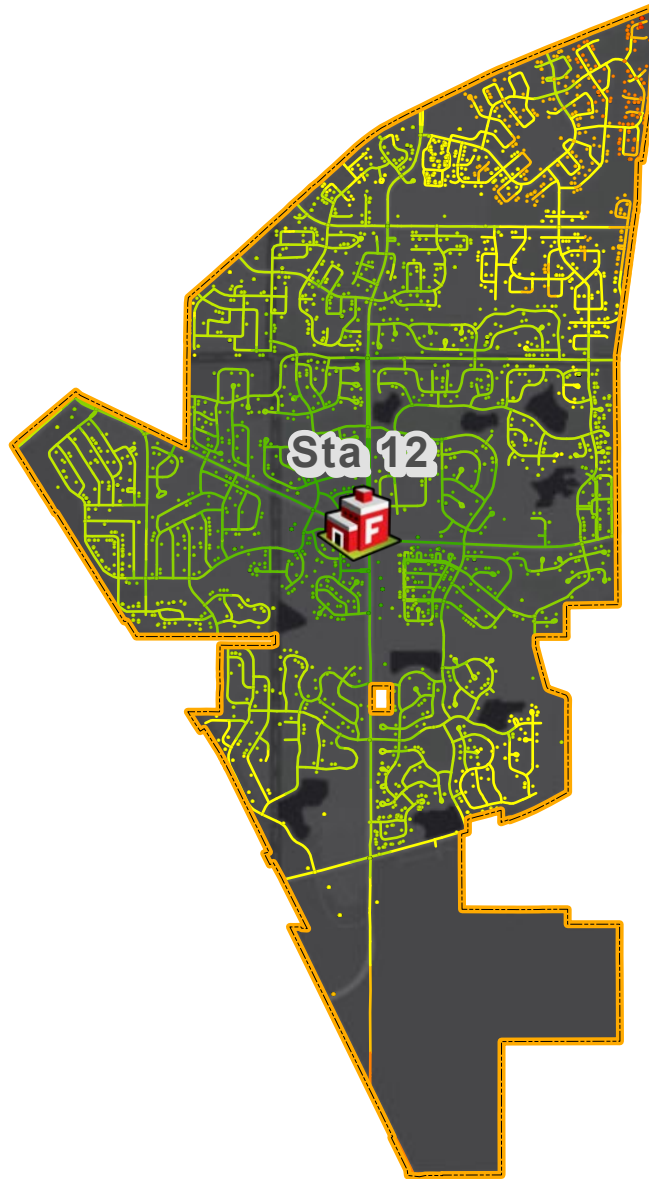
0%

OF INCIDENTS ARE COVERED BY **5** STATIONS

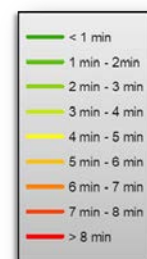
0%

OF INCIDENTS ARE COVERED BY **6** STATIONS





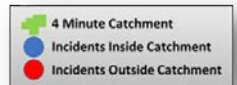
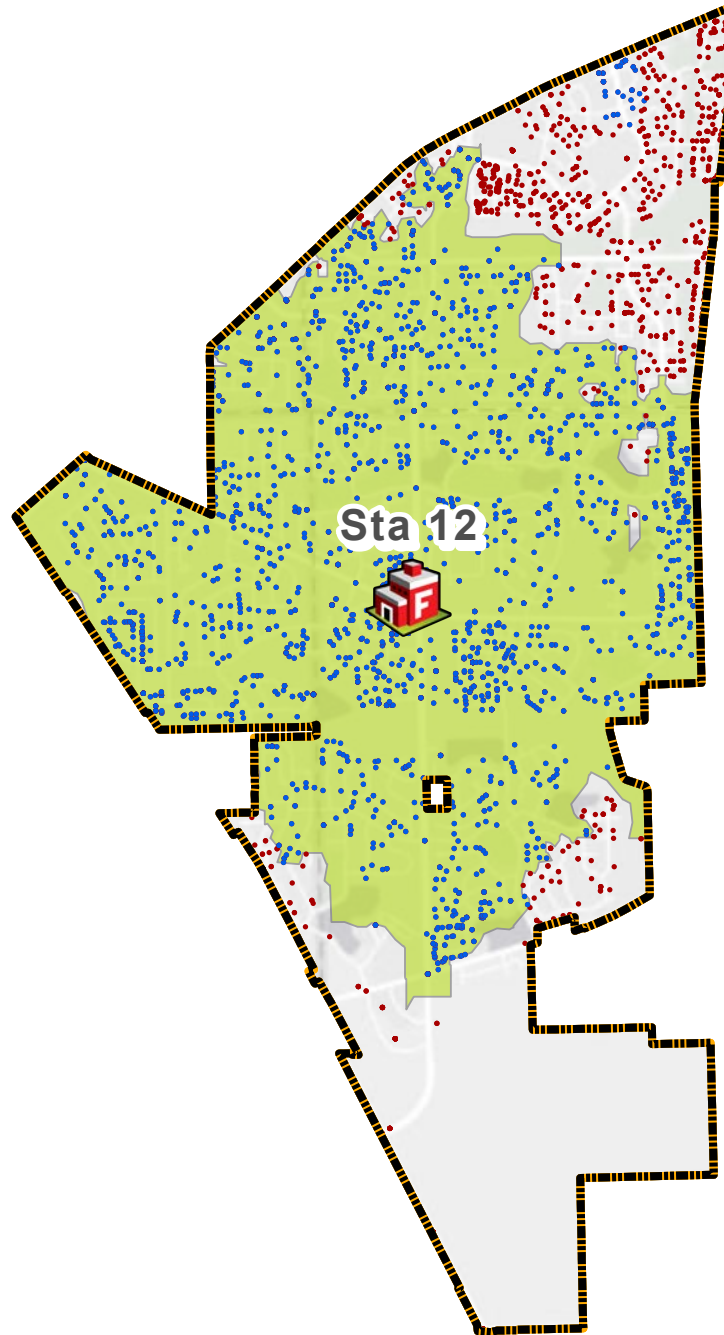
Incidents and streets are displayed in one-minute increments based on travel time from the closest fire station.





68%

OF INCIDENTS ARE IN THE 4 MINUTE CATCHMENT



Percentages of "First On Scene" from Historic RESPONSE Times

WITHIN 4 MIN CATCHMENT

54%
FIRE INCIDENTS

32%
EMS INCIDENTS

WITHIN COMPLETE AOR

40%
FIRE INCIDENTS

25%
EMS INCIDENTS





Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
All	00:09:10	00:07:56	00:07:10	00:06:37	00:06:11
Fire	00:09:44	00:07:32	00:06:30	00:06:15	00:05:52
EMS	00:08:41	00:07:42	00:07:00	00:06:31	00:06:06



All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:09:10	00:07:56	00:07:10	00:06:37	00:06:11
Calculated	00:06:22	00:05:43	00:05:08	00:04:48	00:04:31



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:09:44	00:07:32	00:06:30	00:06:15	00:05:52
Calculated	00:06:25	00:05:58	00:05:39	00:05:22	00:05:12



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:08:41	00:07:42	00:07:00	00:06:31	00:06:06
Calculated	00:06:21	00:05:40	00:05:06	00:04:48	00:04:30



Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Historic	00:10:59	00:08:57	00:07:52	00:07:10	00:06:32
Calculated	00:06:24	00:05:46	00:05:09	00:04:47	00:04:31





All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:09:03	00:07:56	00:07:03	00:06:36	00:06:05
2019	00:09:10	00:08:01	00:07:14	00:06:40	00:06:13
2020	00:08:57	00:07:55	00:07:08	00:06:38	00:06:12
2021	00:09:12	00:07:47	00:07:06	00:06:31	00:06:05



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:09:00	00:08:00	00:07:00	00:06:17	00:05:57
2019	00:07:27	00:06:30	00:06:13	00:05:39	00:05:03
2020	00:10:04	00:07:57	00:06:33	00:06:15	00:05:54
2021	00:08:05	00:07:20	00:06:58	00:06:25	00:05:52



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:08:19	00:07:28	00:06:51	00:06:17	00:06:00
2019	00:08:44	00:07:50	00:07:05	00:06:33	00:06:11
2020	00:08:38	00:07:41	00:07:00	00:06:31	00:06:09
2021	00:08:55	00:07:43	00:07:04	00:06:31	00:06:05



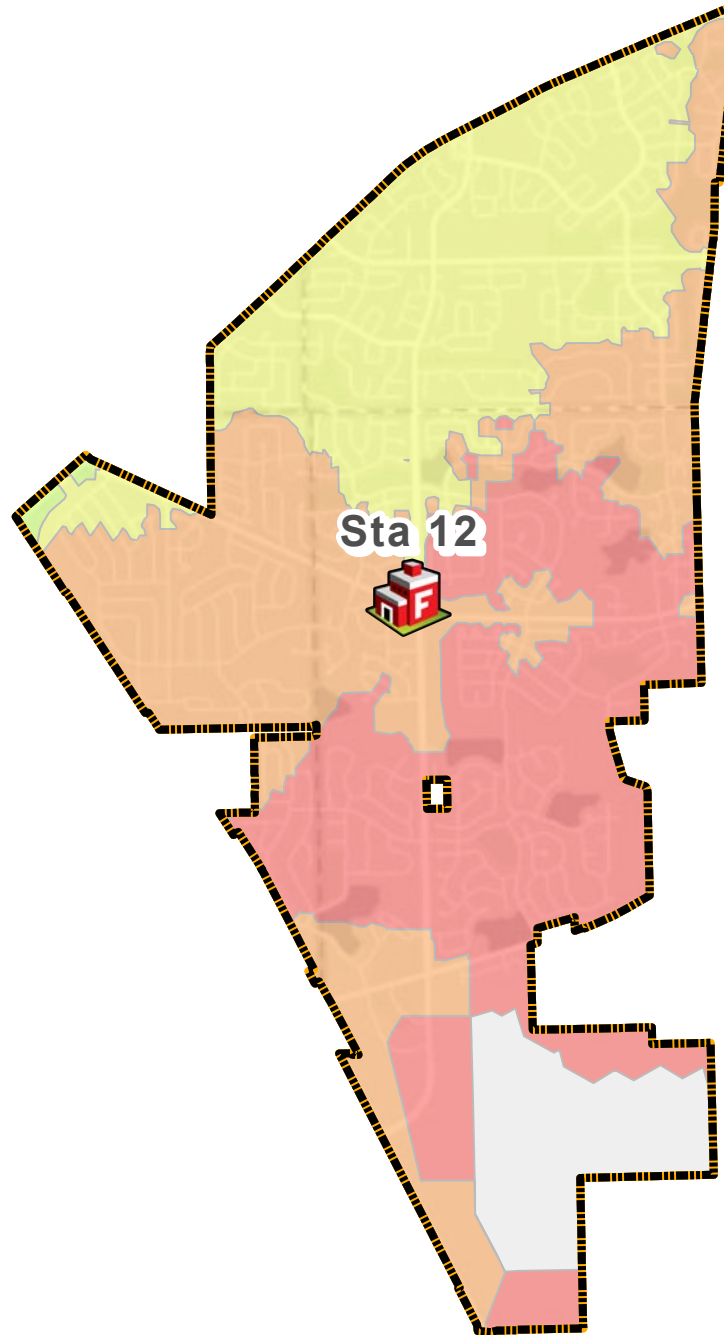
Other Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
2018	00:11:02	00:09:14	00:08:02	00:07:20	00:06:46
2019	00:11:20	00:09:12	00:07:59	00:07:11	00:06:28
2020	00:10:18	00:08:32	00:07:39	00:07:06	00:06:29
2021	00:10:18	00:08:25	00:07:20	00:06:35	00:06:08





EFFECTIVE RESPONSE FORCE
FULL COMPLIMENT WITHIN 8 MINUTES



- 1 Station ERF
- 2 Stations ERF
- 3 Stations ERF
- 4 Stations ERF
- 5 Stations ERF
- 6 Stations ERF

38%

OF INCIDENTS ARE COVERED BY **2** STATIONS

38%

OF INCIDENTS ARE COVERED BY **3** STATIONS

0%

OF INCIDENTS ARE COVERED BY **4** STATIONS

0%

OF INCIDENTS ARE COVERED BY **5** STATIONS

0%

OF INCIDENTS ARE COVERED BY **6** STATIONS





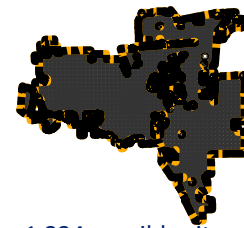
8 Stations
9 Stations
10 Stations



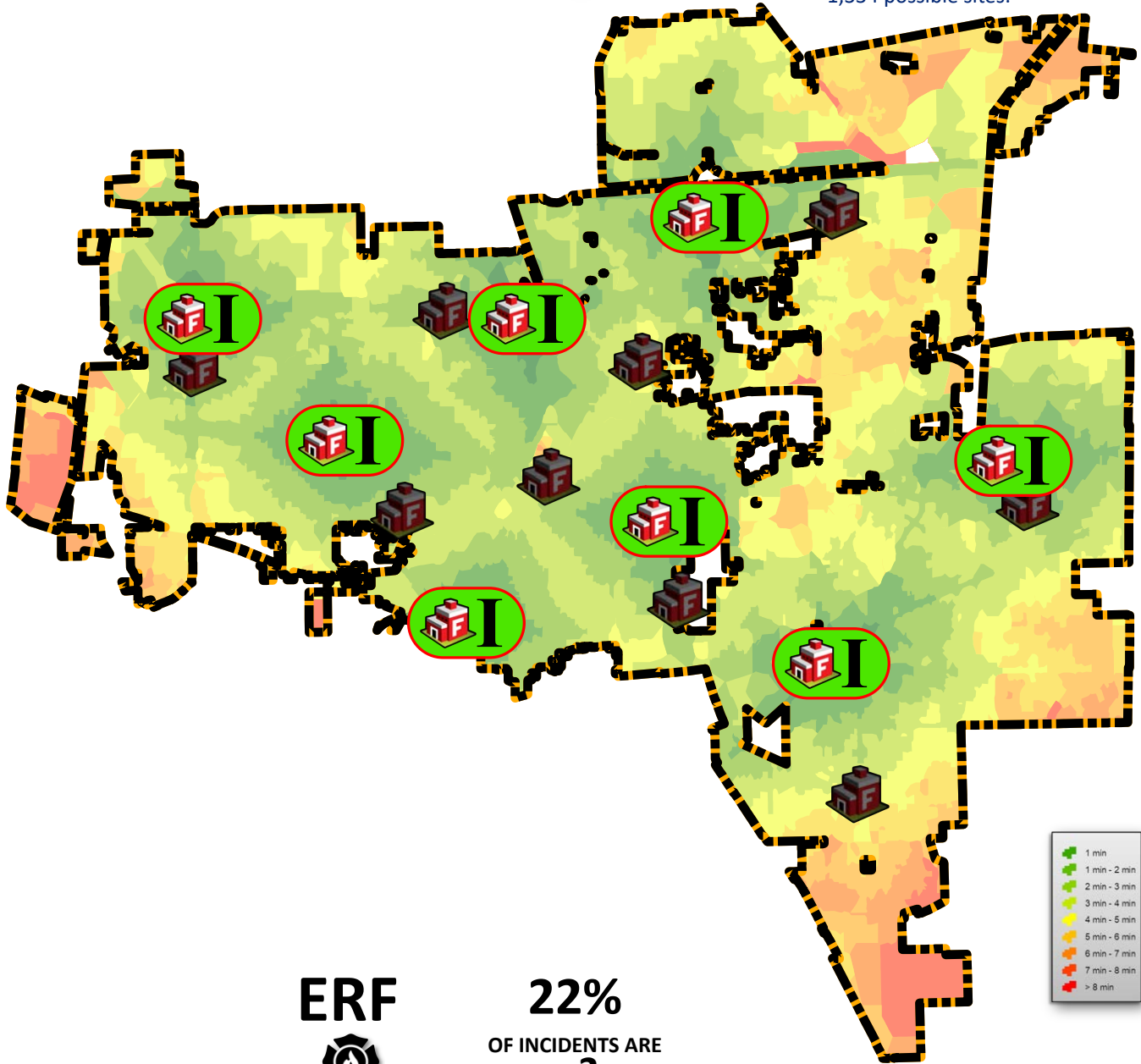


89%

OF INCIDENTS ARE WITHIN THE
4 MIN CATCHMENT



1,334 possible sites.



22%
OF INCIDENTS ARE
COVERED BY **2** STATIONS

21%
OF INCIDENTS ARE
COVERED BY **3** STATIONS

28%
OF INCIDENTS ARE
COVERED BY **4** STATIONS

15%
OF INCIDENTS ARE
COVERED BY **5** STATIONS

7%
OF INCIDENTS ARE
COVERED BY **6** STATIONS

0%
OF INCIDENTS ARE
COVERED BY **7** STATIONS

Ideal Station Location:

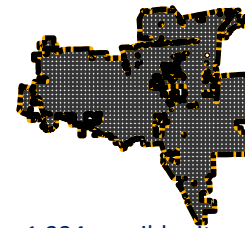
The Ideal Station Location was calculated using ESRI's Location - Allocation Analysis tool. 1,334 possible fire station sites were used with a 4 minute drive time as the cutoff to reach as many incidents as possible.



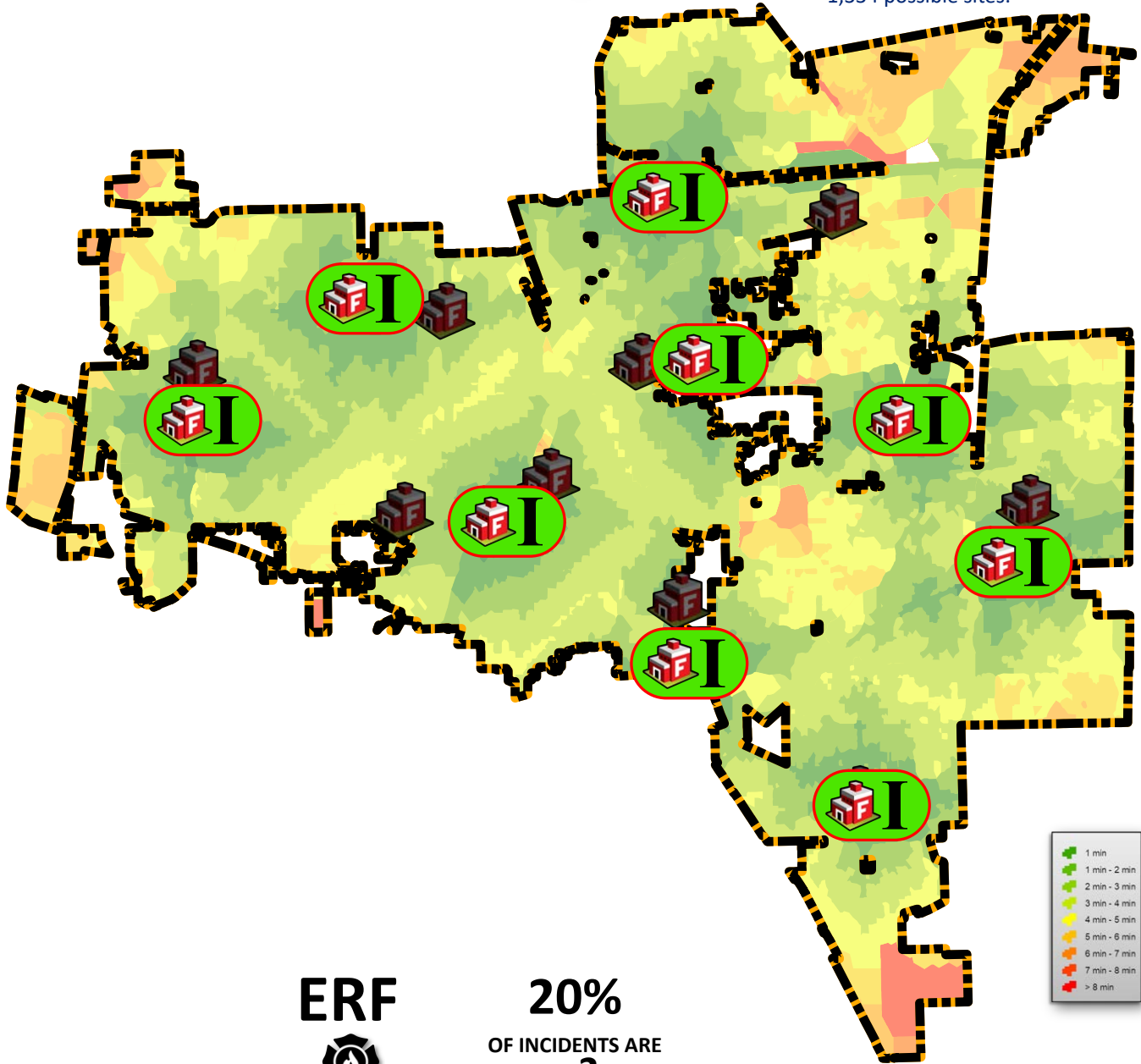


92%

OF INCIDENTS ARE WITHIN THE
4 MIN CATCHMENT



1,334 possible sites.



ERF

20%
OF INCIDENTS ARE COVERED BY **2** STATIONS

23%
OF INCIDENTS ARE COVERED BY **3** STATIONS

28%
OF INCIDENTS ARE COVERED BY **4** STATIONS

17%
OF INCIDENTS ARE COVERED BY **5** STATIONS

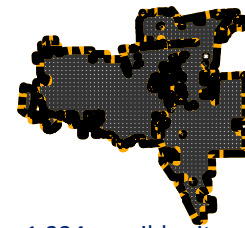
9%
OF INCIDENTS ARE COVERED BY **6** STATIONS

0%
OF INCIDENTS ARE COVERED BY **7** STATIONS

Ideal Station Location:

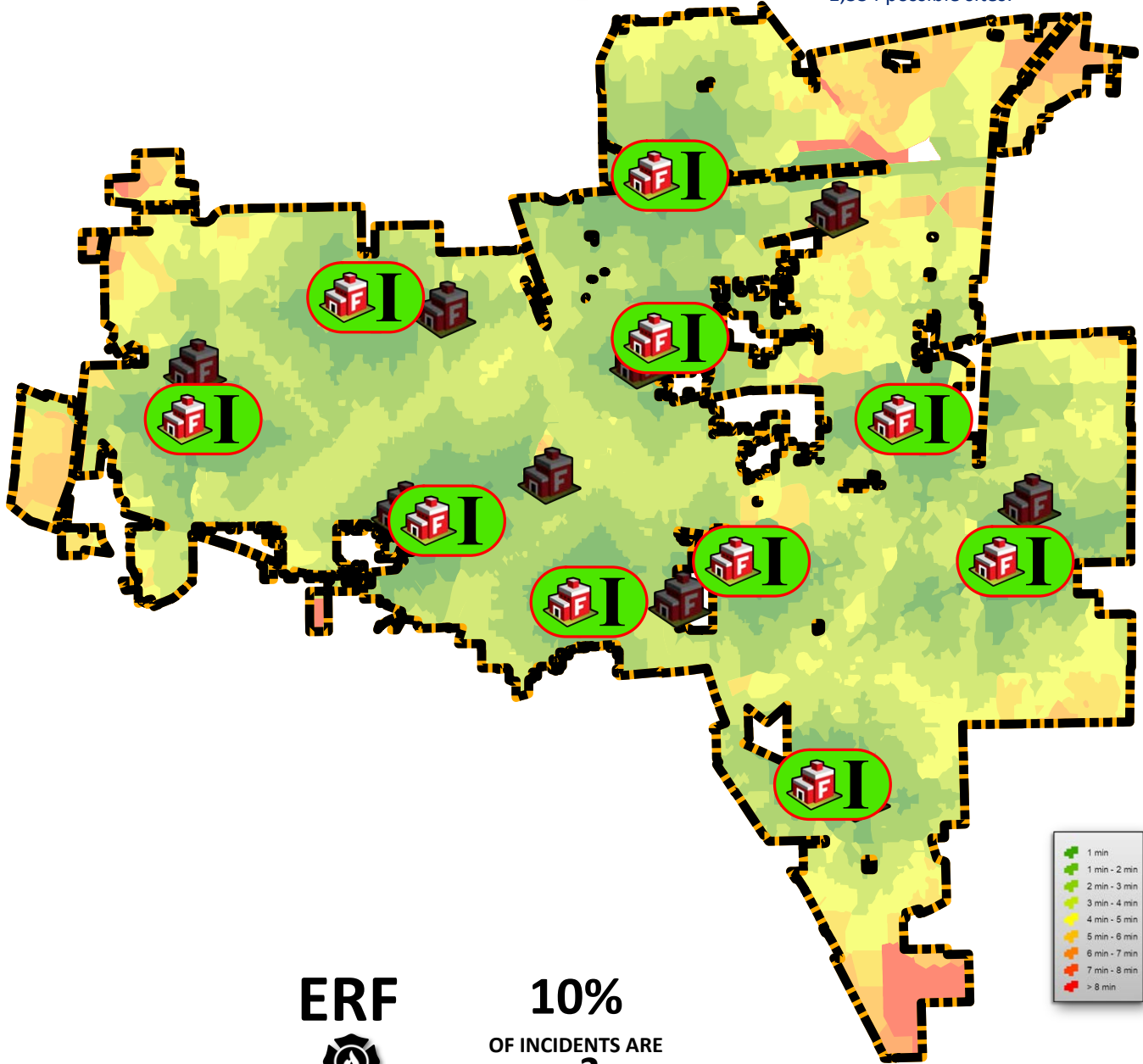
The Ideal Station Location was calculated using ESRI's Location - Allocation Analysis tool. 1,334 possible fire station sites were used with a 4 minute drive time as the cutoff to reach as many incidents as possible.





1,334 possible sites.

93%
OF INCIDENTS ARE WITHIN THE
4 MIN CATCHMENT



ERF

10%
OF INCIDENTS ARE
COVERED BY **2** STATIONS

22%
OF INCIDENTS ARE
COVERED BY **3** STATIONS

20%
OF INCIDENTS ARE
COVERED BY **4** STATIONS

18%
OF INCIDENTS ARE
COVERED BY **5** STATIONS

19%
OF INCIDENTS ARE
COVERED BY **6** STATIONS

8%
OF INCIDENTS ARE
COVERED BY **7** STATIONS

Ideal Station Location:

The Ideal Station Location was calculated using ESRI's Location - Allocation Analysis tool. 1,334 possible fire station sites were used with a 4 minute drive time as the cutoff to reach as many incidents as possible.





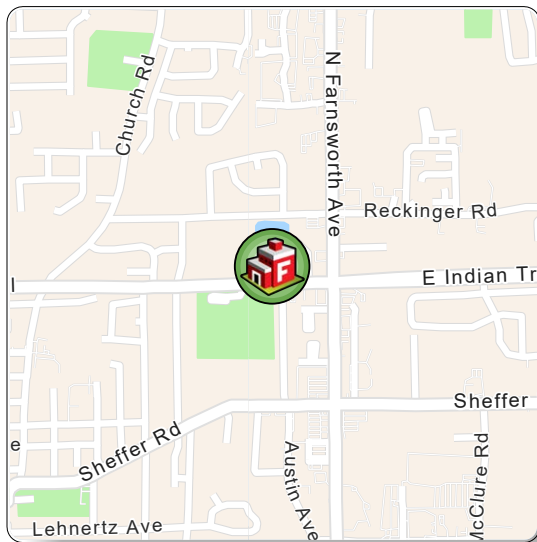
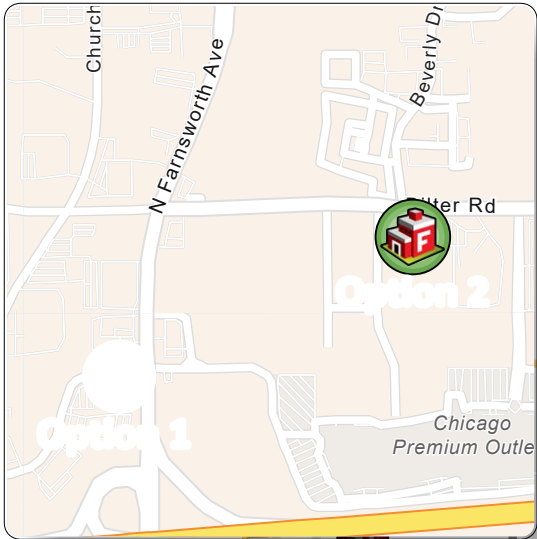
Proposed Stations Location
Station 4 - Relocation / Ideal Location
Station 4 - Catchment Comparison
Station 4 - 4 Minute Catchment Incidents
Station 4 - Area of Responsibility (AoR)
Station 4 - Response Times
Station 9 - Relocation / Ideal Location
Station 9 - Catchment Comparison
Station 9 - 4 Minute Catchment Incidents
Station 9 - Area of Responsibility (AoR)
Station 9 - Response Times
Station 13 - New / Ideal Location
Station 13 - Catchment Comparison
Station 13 - 4 Minute Catchment Incidents
Station 13 - Area of Responsibility (AoR)
Station 13 - Response Times
Area Served by Drive Time Comparison
4 min and 8 min Drive Times Comparison



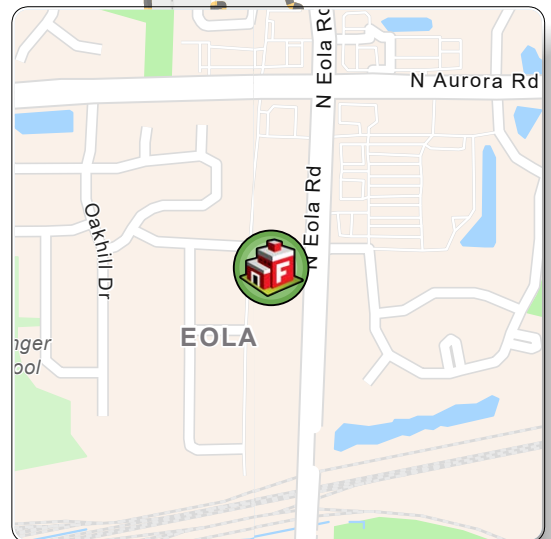
Proposed Stations Location



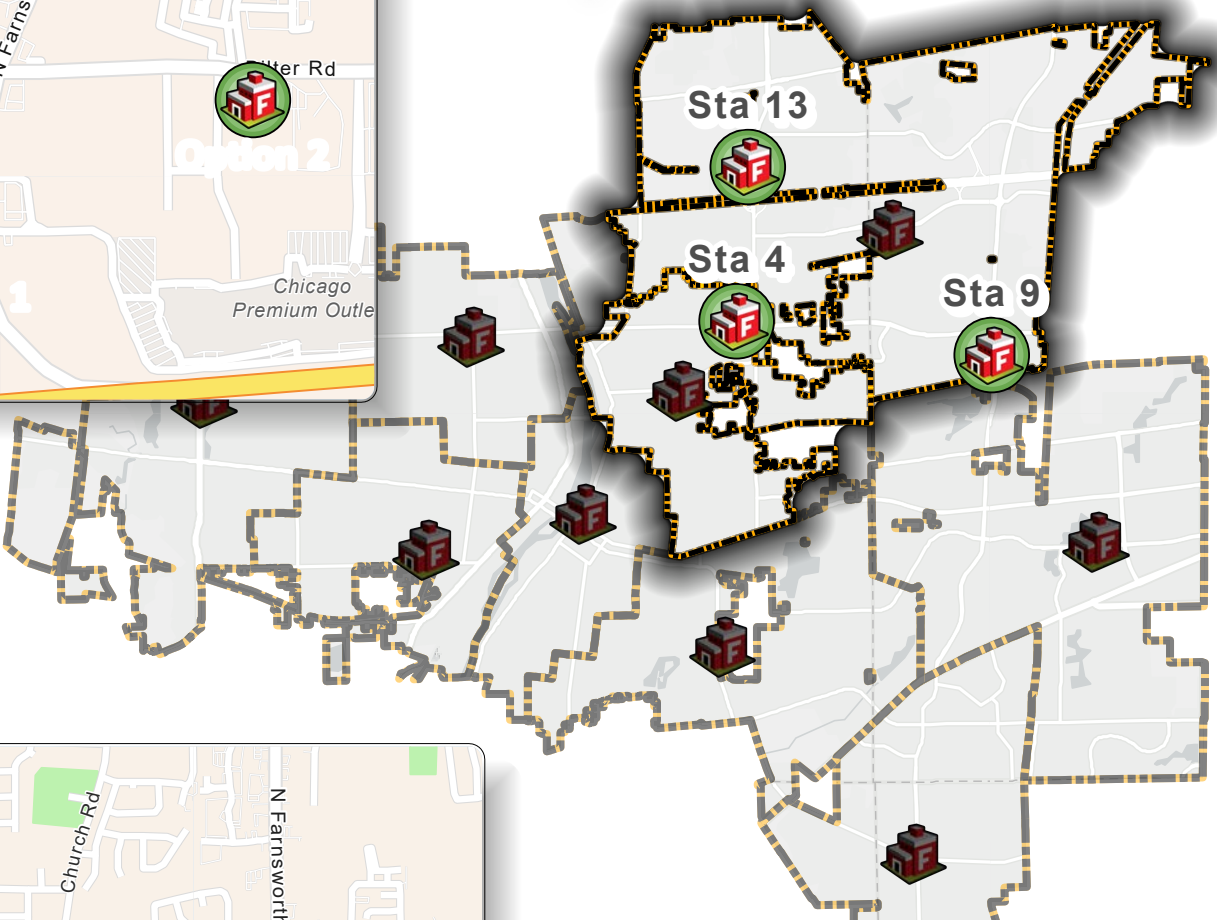
Station 13 (new)



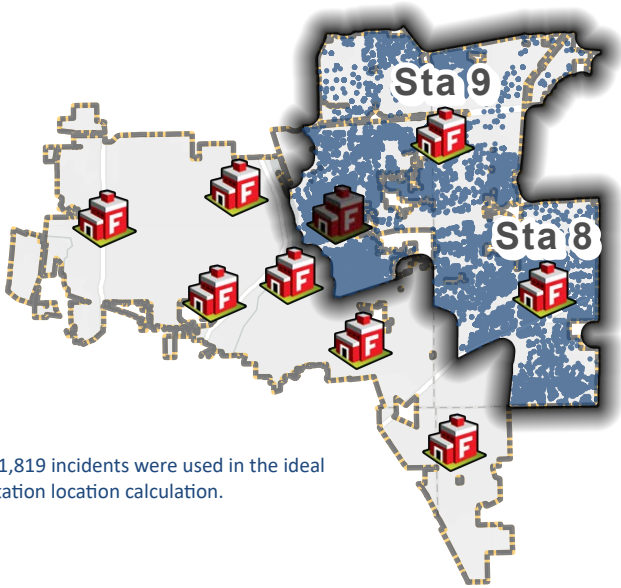
Station 4 (relocation)



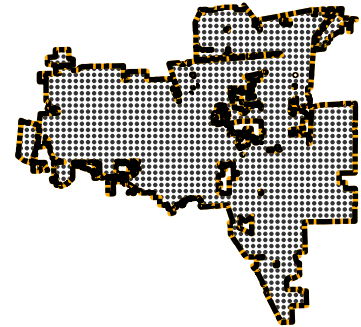
Station 9 (relocation)



Station 4 - Relocation / Ideal Location

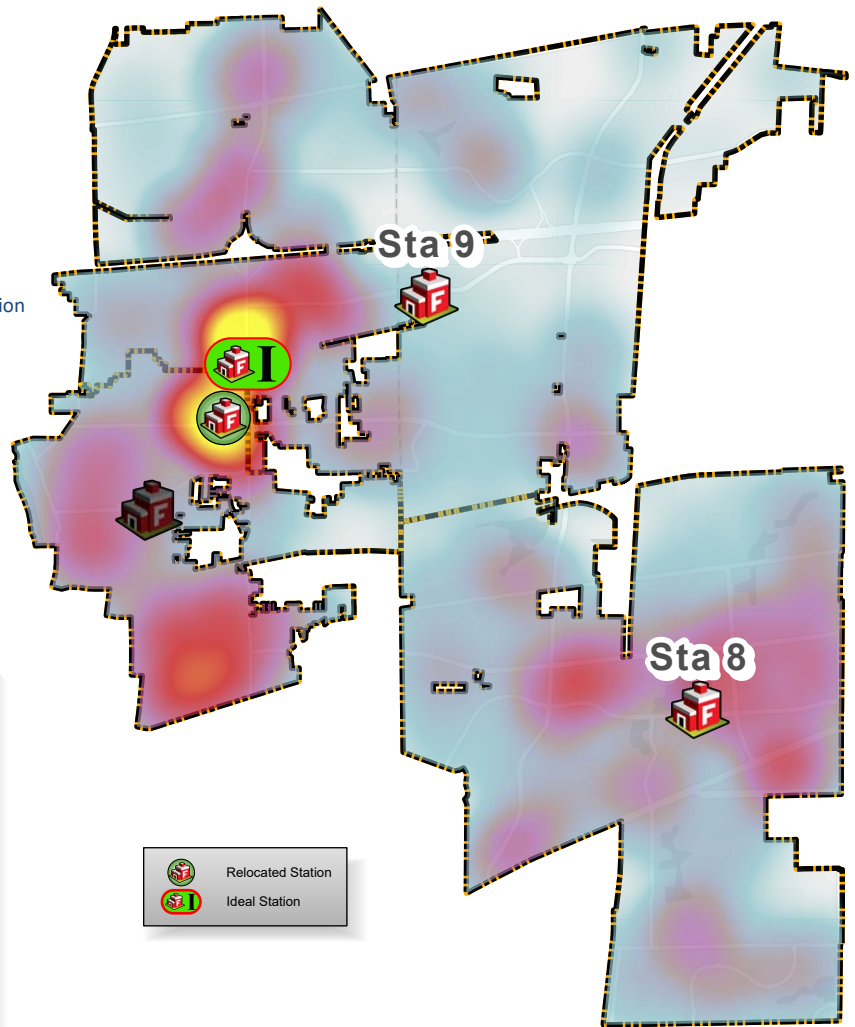


21,819 incidents were used in the ideal station location calculation.

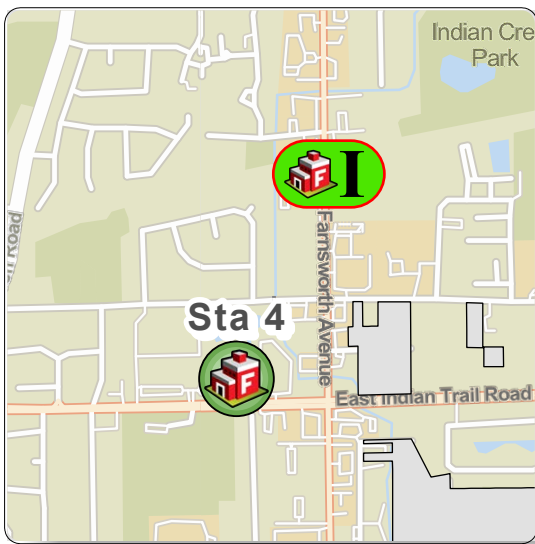


1,334 possible fire station sites.

Ideal station 4 and relocated station 4 with hotspots of all incidents.



	Relocated Station
	Ideal Station



Ideal station 4 is located on N Farmsworth Ave, south of Marshall Blvd.
 Relocated station 4 is located on E Indian Trail Rd, west of N Farmsworth Ave.

Ideal Station Location:

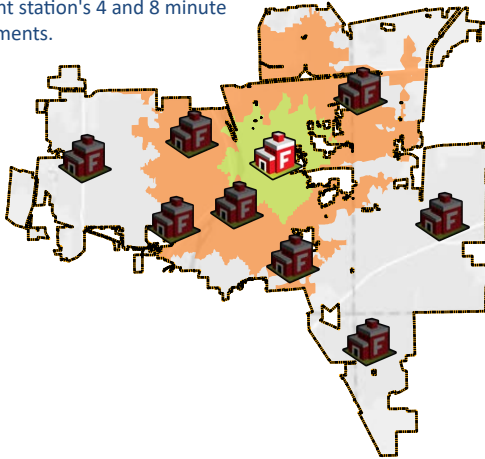
The Ideal Station Location was calculated using ESRI's Location - Allocation Analysis tool. 1,334 possible fire station sites were used with a 4 minute drive time as the cutoff to reach as many incidents as possible.



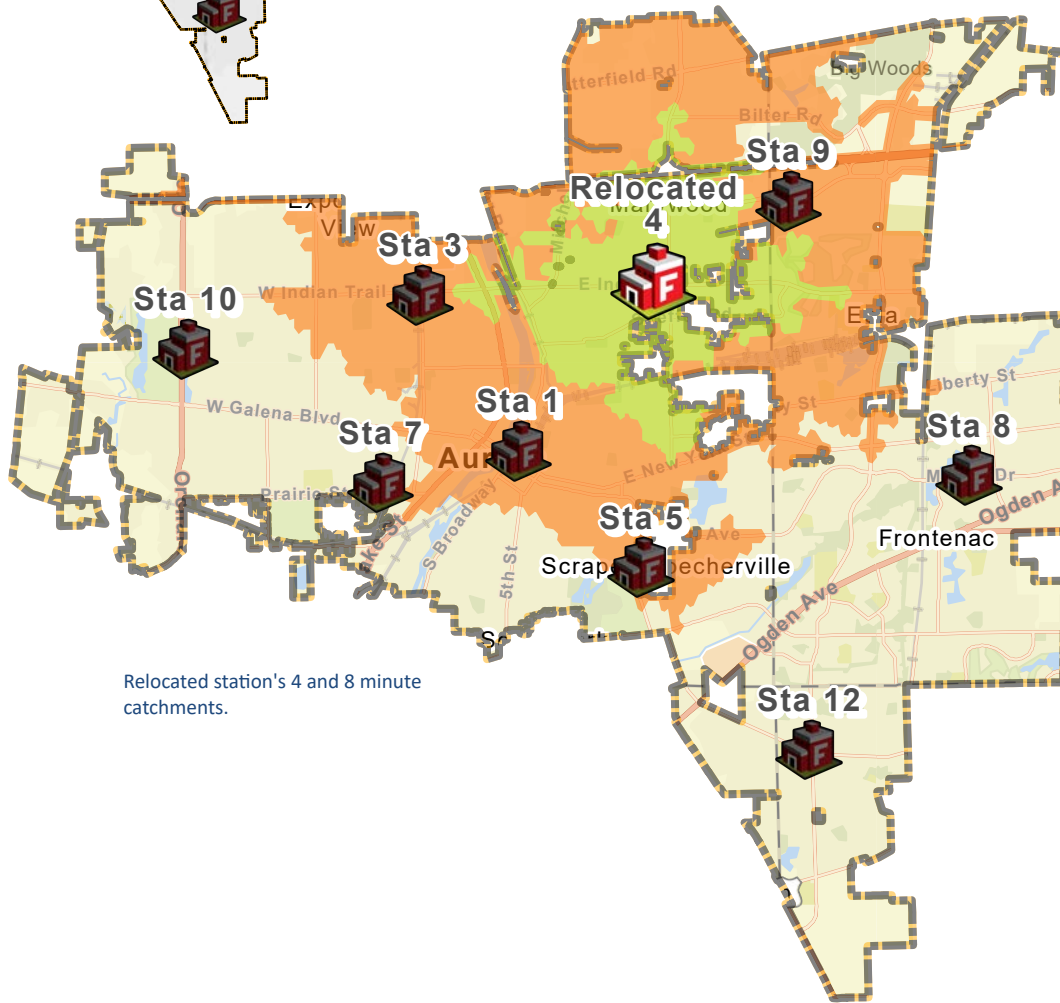
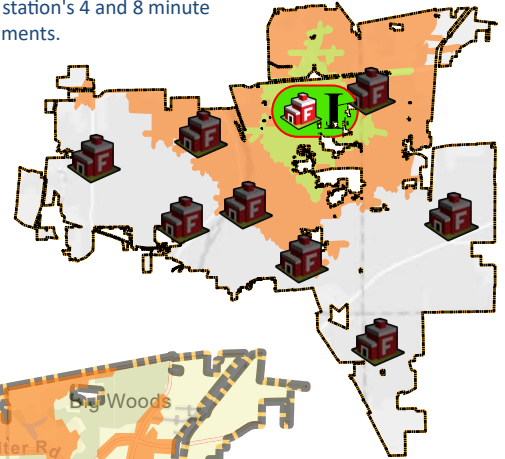
Station 4 - Catchment Comparison



Current station's 4 and 8 minute catchments.



Ideal station's 4 and 8 minute catchments.



Relocated station's 4 and 8 minute catchments.



4 MINUTE COVERAGE

AREA IN SQUARE MILES PERCENTAGE OF TRA

Current	3.8	8%
Ideal	4.6	10%
Proposed	4.8	10%



8 MINUTE COVERAGE

AREA IN SQUARE MILES PERCENTAGE OF TRA

Current	19.4	41%
Ideal	19.7	41%
Proposed	19.9	42%

Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.

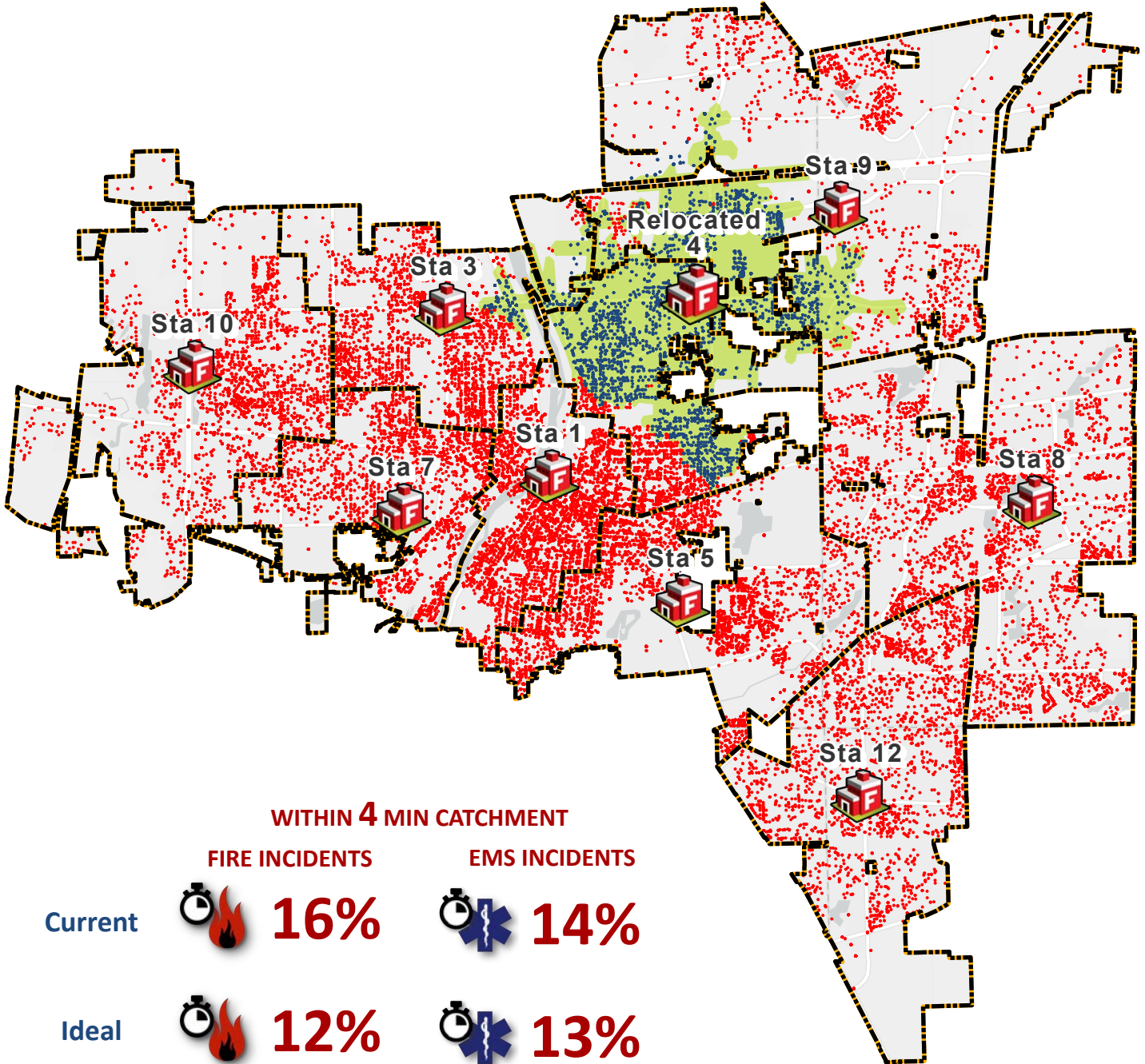


Station 4 - 4 Minute Catchment Incidents



14%

OF TRA INCIDENTS ARE IN THE
4 MINUTE CATCHMENT

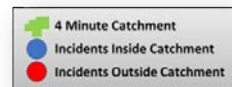


WITHIN 4 MIN CATCHMENT

FIRE INCIDENTS

EMS INCIDENTS

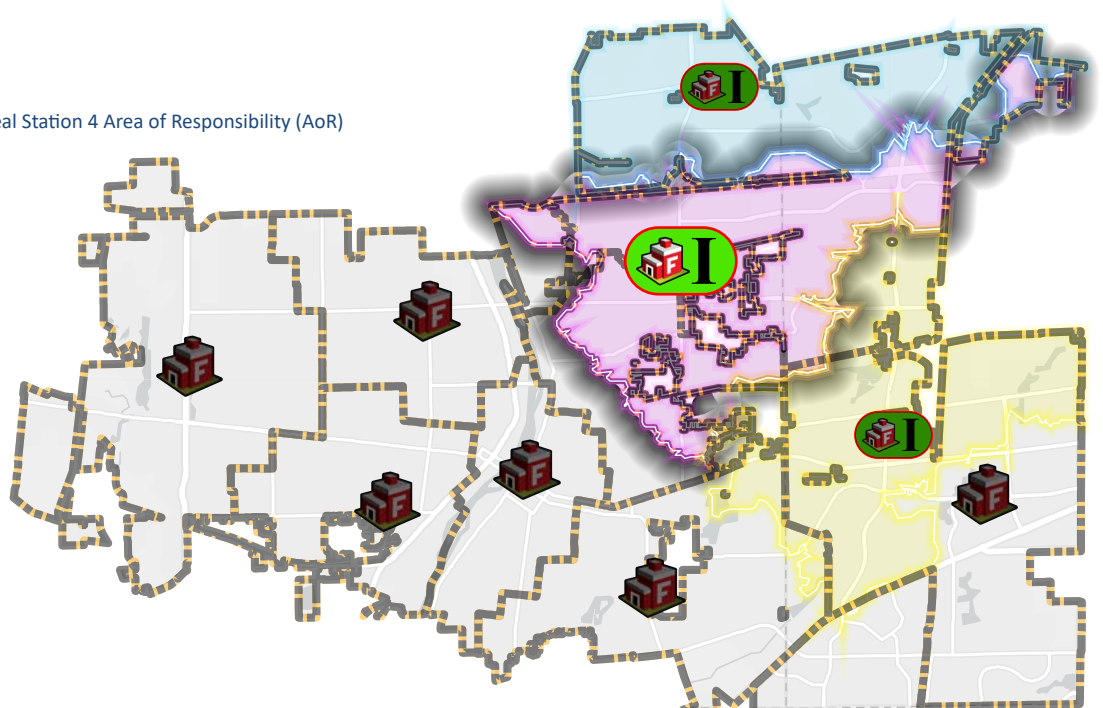
	FIRE INCIDENTS	EMS INCIDENTS
Current	16%	14%
Ideal	12%	13%
Proposed	16%	15%



Station 4 - Area of Responsibility (AoR)

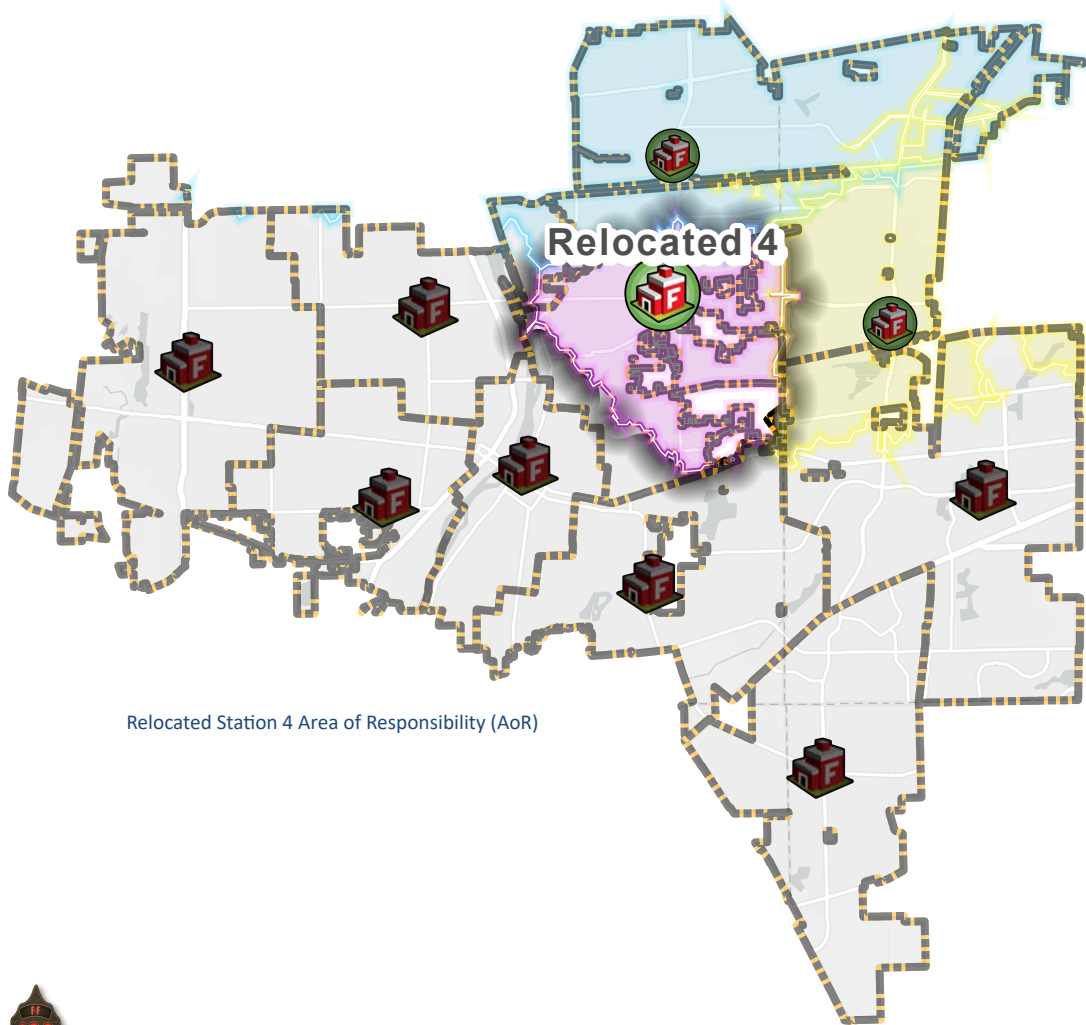


Ideal Station 4 Area of Responsibility (AoR)



Relocated 4

Relocated Station 4 Area of Responsibility (AoR)





All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Proposed	00:04:27	00:03:55	00:03:37	00:03:13	00:02:51
Historic - Proposed	00:08:31	00:07:25	00:06:43	00:06:12	00:05:44
Calculated	00:04:52	00:04:26	00:04:04	00:03:34	00:03:03
Historic - Calculated	00:08:50	00:07:37	00:06:54	00:06:21	00:05:52



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Proposed	00:05:03	00:04:36	00:04:23	00:03:50	00:03:29
Historic - Proposed	00:07:50	00:06:44	00:05:55	00:05:42	00:05:20
Calculated	00:05:22	00:04:54	00:04:31	00:04:02	00:03:33
Historic - Calculated	00:08:31	00:07:16	00:06:19	00:05:51	00:05:31



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Proposed	00:04:25	00:03:54	00:03:37	00:03:12	00:02:51
Historic - Proposed	00:08:13	00:07:16	00:06:36	00:06:06	00:05:39
Calculated	00:04:49	00:04:23	00:04:03	00:03:32	00:03:00
Historic - Calculated	00:08:25	00:07:25	00:06:46	00:06:16	00:05:48

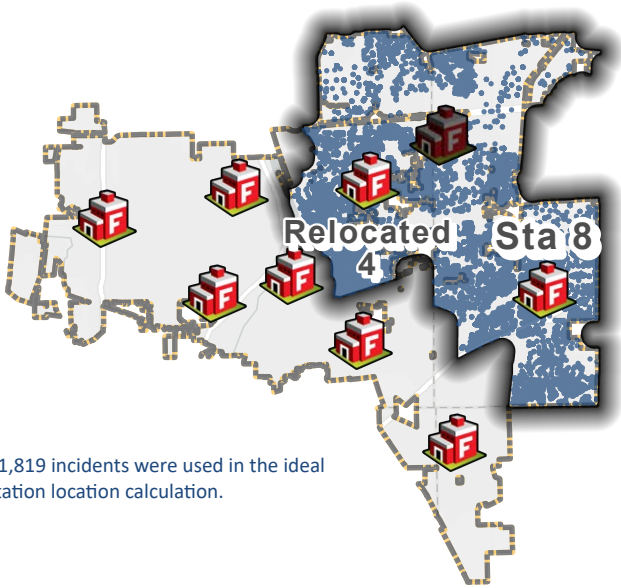


Other Incidents Response Time (h:mm:ss)

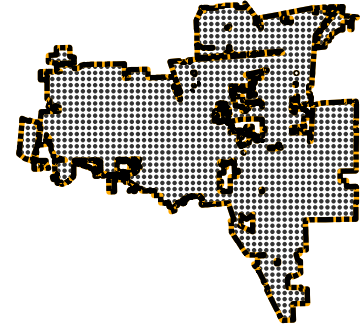
	90%	80%	70%	60%	50%
Proposed	00:04:28	00:03:56	00:03:37	00:03:11	00:02:51
Historic - Proposed	00:10:18	00:08:12	00:07:14	00:06:35	00:06:03
Calculated	00:05:03	00:04:31	00:04:10	00:03:37	00:03:05
Historic - Calculated	00:10:49	00:08:40	00:07:32	00:06:47	00:06:16



Station 9 - Relocation / Ideal Location

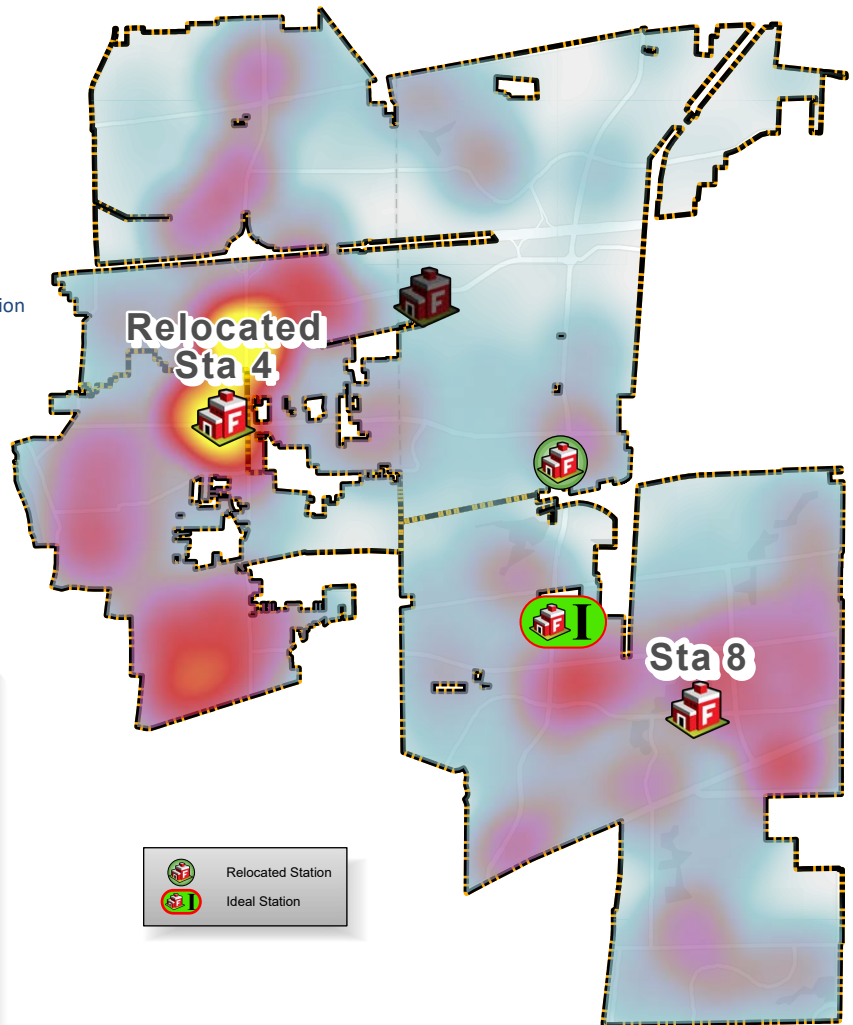


21,819 incidents were used in the ideal station location calculation.

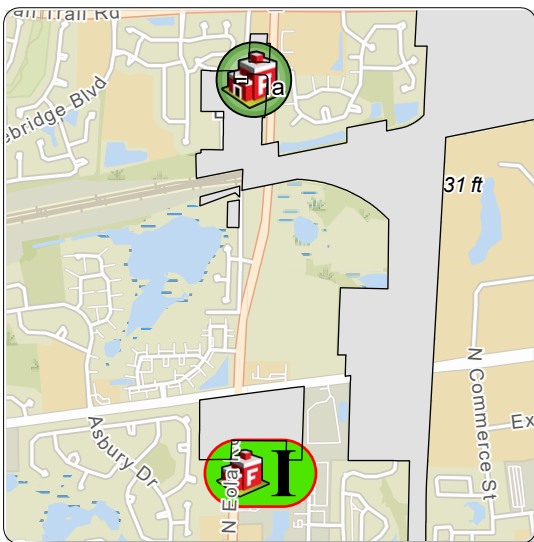


1,334 possible fire station sites.

Ideal station 9 and relocated station 9 with hotspots of all incidents.



	Relocated Station
	Ideal Station



Ideal station 9 is located at Eola Rd and Weber Rd.
Relocated station 9 is located at Eola Rd and Sheffer Rd.

Ideal Station Location:

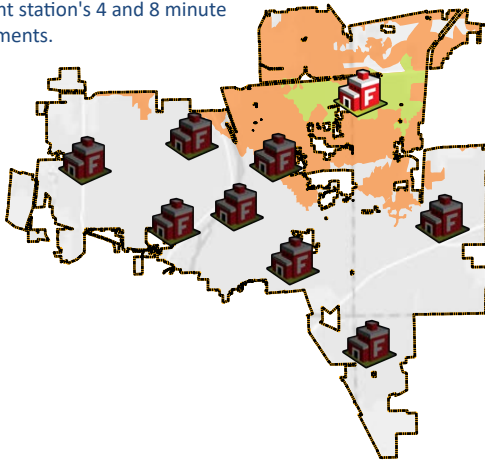
The Ideal Station Location was calculated using ESRI's Location - Allocation Analysis tool. 1,334 possible fire station sites were used with a 4 minute drive time as the cutoff to reach as many incidents as possible.



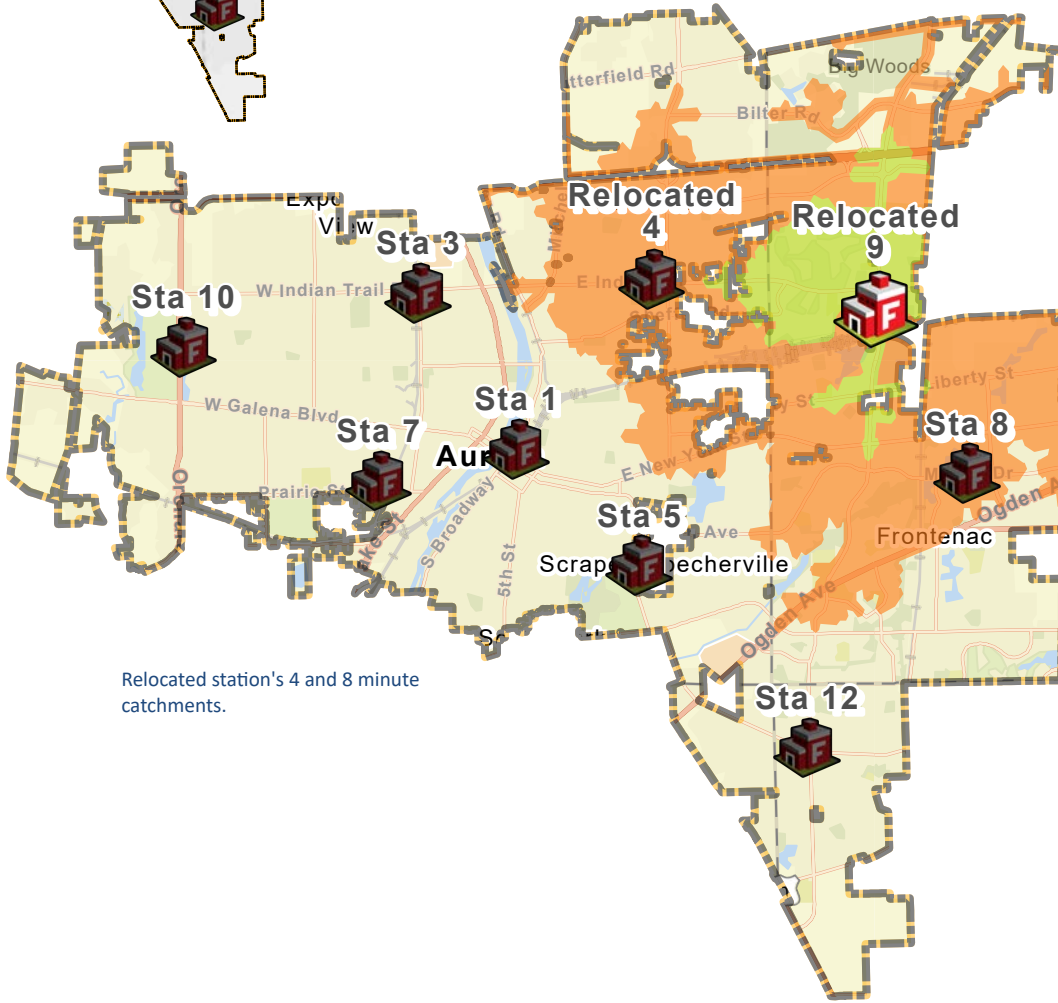
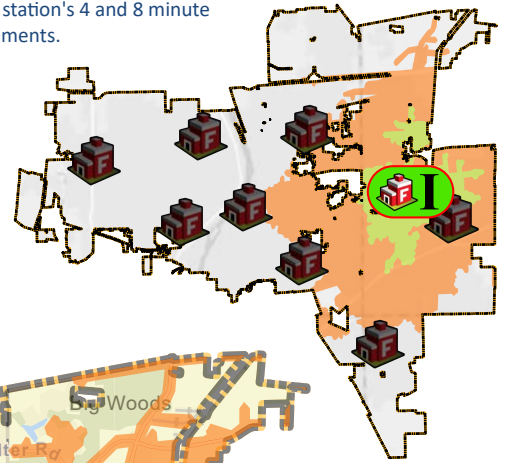
Station 9 - Catchment Comparison



Current station's 4 and 8 minute catchments.



Ideal station's 4 and 8 minute catchments.



Relocated station's 4 and 8 minute catchments.



4 MINUTE COVERAGE

AREA IN SQUARE MILES PERCENTAGE OF TRA

Current	2.3	5%
Ideal	3.8	8%
Proposed	2.5	5%



8 MINUTE COVERAGE

AREA IN SQUARE MILES PERCENTAGE OF TRA

Current	13.5	28%
Ideal	17.7	37%
Proposed	15.0	31%

Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.

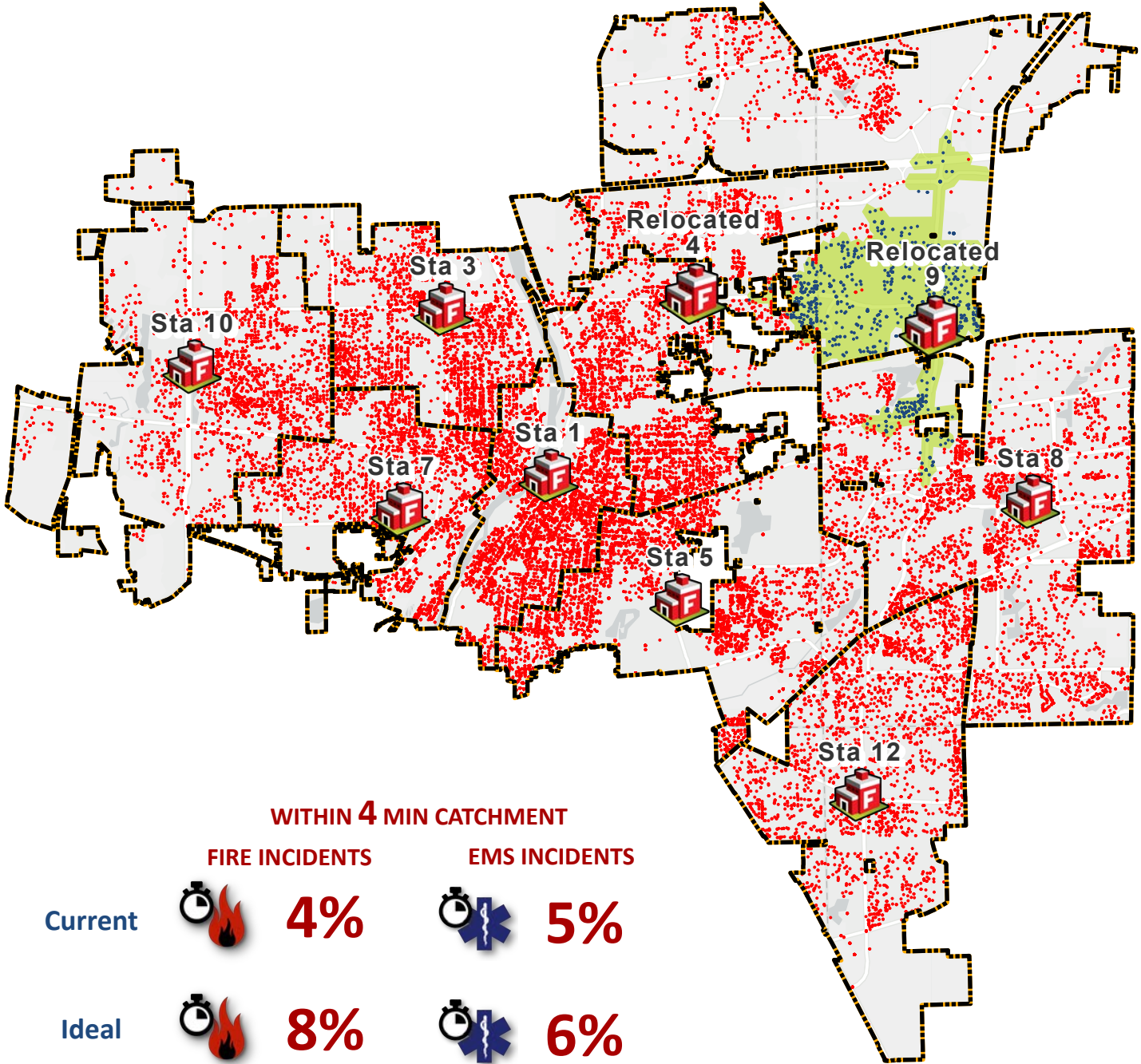


Station 9 - 4 Minute Catchment Incidents



3%

OF TRA INCIDENTS ARE IN THE
4 MINUTE CATCHMENT



WITHIN 4 MIN CATCHMENT

	FIRE INCIDENTS	EMS INCIDENTS
Current	4%	5%
Ideal	8%	6%
Proposed	3%	3%

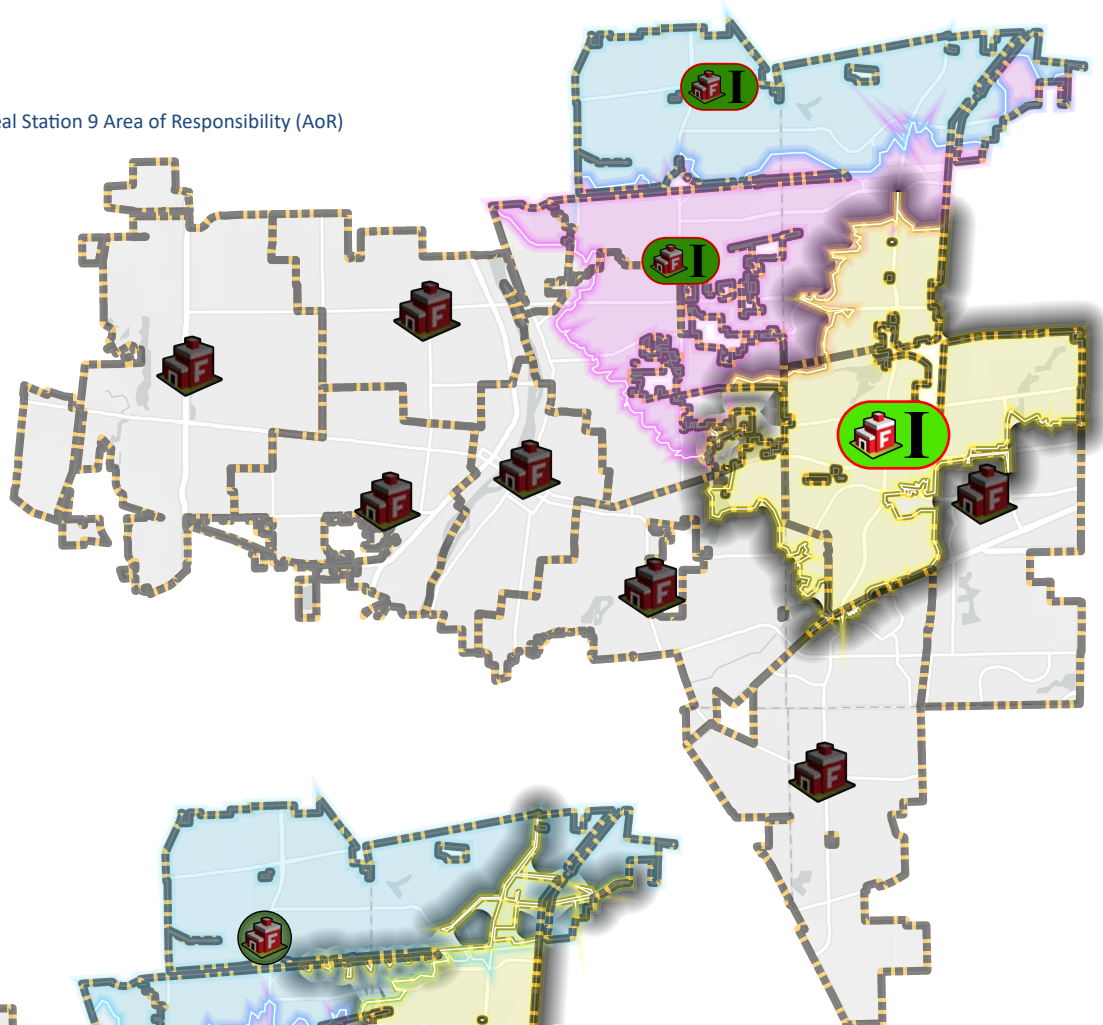
- 4 Minute Catchment
- Incidents Inside Catchment
- Incidents Outside Catchment



Station 9 - Area of Responsibility (AoR)

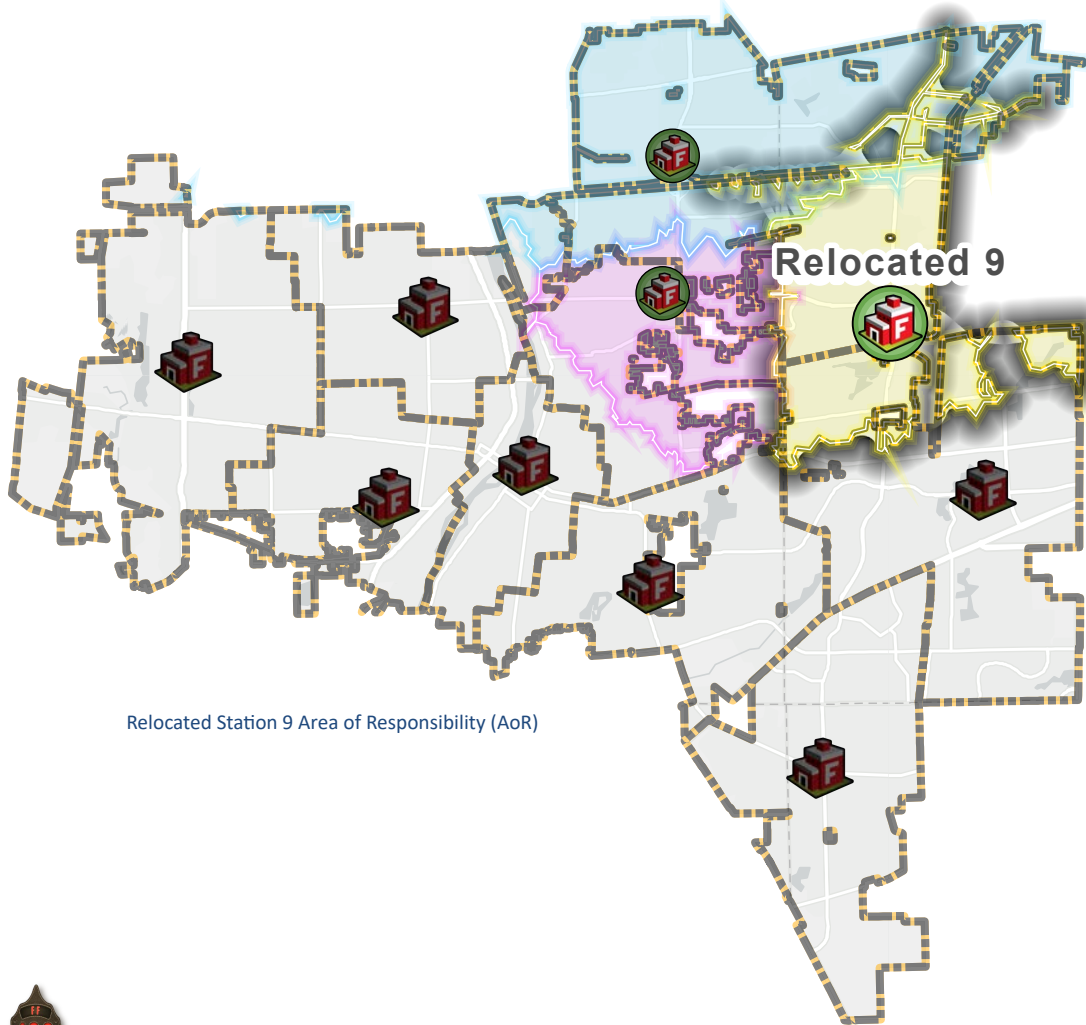


Ideal Station 9 Area of Responsibility (AoR)



Relocated 9

Relocated Station 9 Area of Responsibility (AoR)





All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Proposed	00:07:15	00:05:59	00:05:25	00:04:53	00:04:26
Historic - Proposed	00:09:57	00:08:49	00:08:05	00:07:33	00:07:07
Calculated	00:05:54	00:05:20	00:04:56	00:04:41	00:04:16
Historic - Calculated	00:09:27	00:08:16	00:07:37	00:07:05	00:06:40



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Proposed	00:07:12	00:06:18	00:05:44	00:05:19	00:04:56
Historic - Proposed	00:09:51	00:08:19	00:08:04	00:07:26	00:06:49
Calculated	00:06:05	00:05:51	00:05:26	00:05:11	00:05:04
Historic - Calculated	00:08:57	00:08:10	00:07:35	00:07:08	00:06:50



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Proposed	00:06:40	00:05:39	00:05:08	00:04:37	00:04:16
Historic - Proposed	00:09:15	00:08:26	00:07:49	00:07:18	00:06:57
Calculated	00:05:42	00:05:19	00:04:55	00:04:39	00:04:13
Historic - Calculated	00:08:56	00:07:57	00:07:20	00:06:52	00:06:27

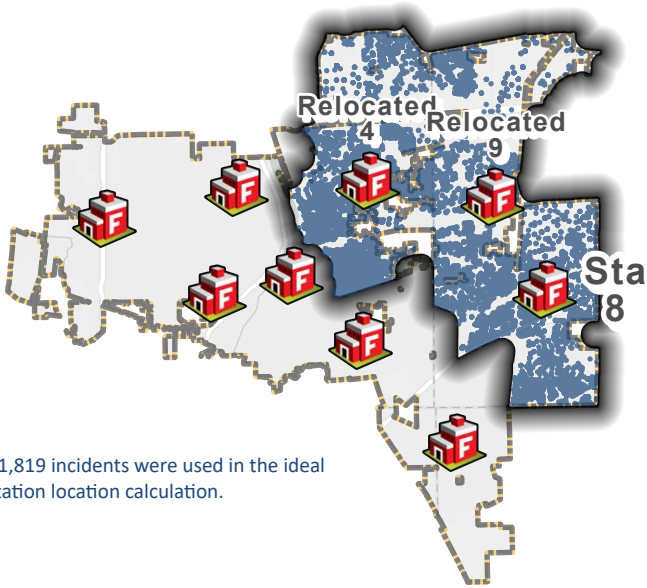


Other Incidents Response Time (h:mm:ss)

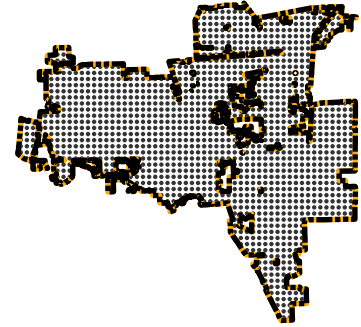
	90%	80%	70%	60%	50%
Proposed	00:07:23	00:06:30	00:05:48	00:05:12	00:04:43
Historic - Proposed	00:10:59	00:09:45	00:08:44	00:08:10	00:07:45
Calculated	00:06:05	00:05:21	00:04:55	00:04:41	00:04:17
Historic - Calculated	00:10:23	00:08:55	00:08:07	00:07:35	00:07:05



Station 13 - New / Ideal Location

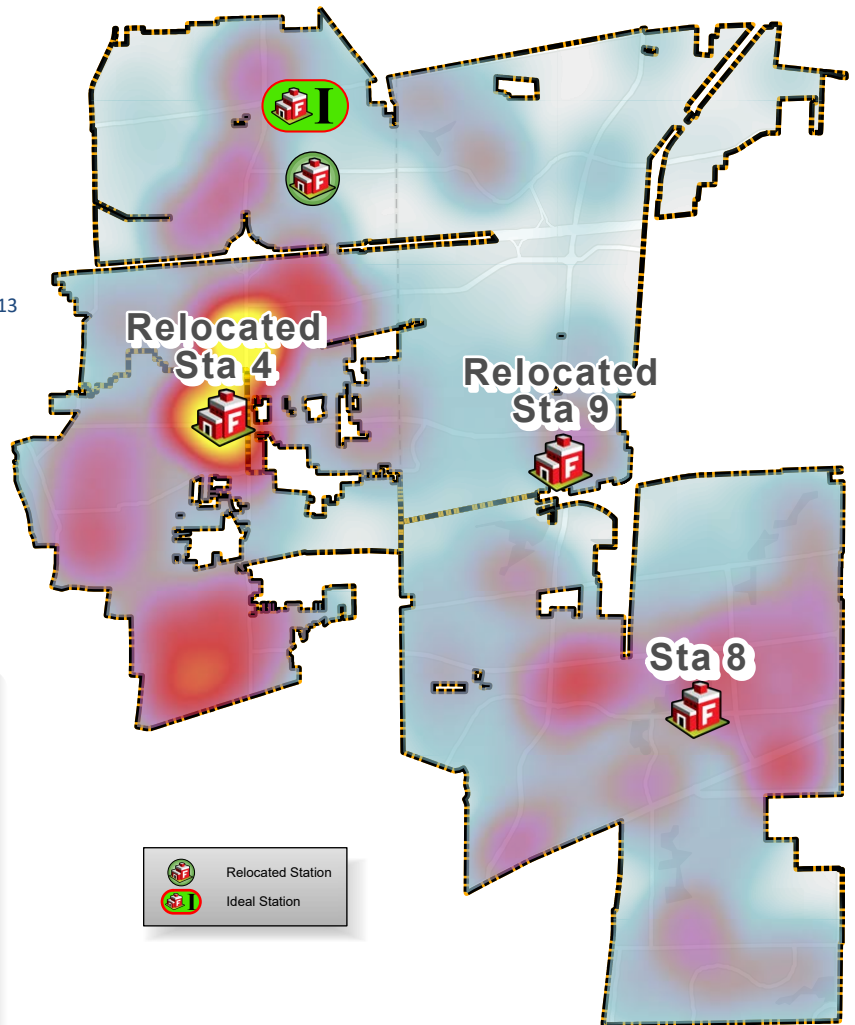


21,819 incidents were used in the ideal station location calculation.

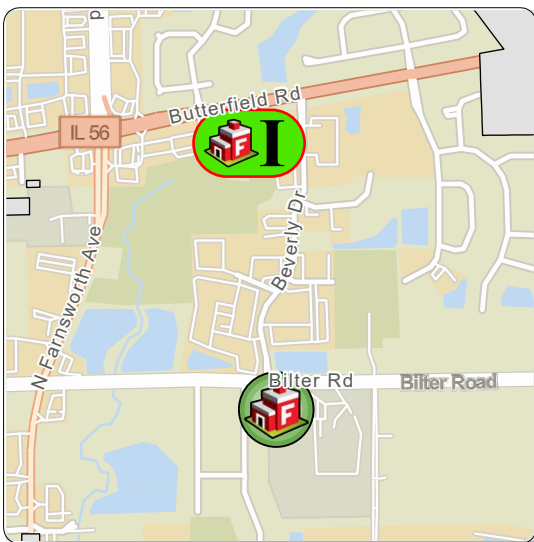


1,334 possible fire station sites.

Ideal station 13 and new station 13 with hotspots of all incidents.



	Relocated Station
	Ideal Station



Ideal station 13 is located on Butterfield Rd west of Beverly Dr.
New station 13 is located at Bilter Rd and Nan St.

Ideal Station Location:

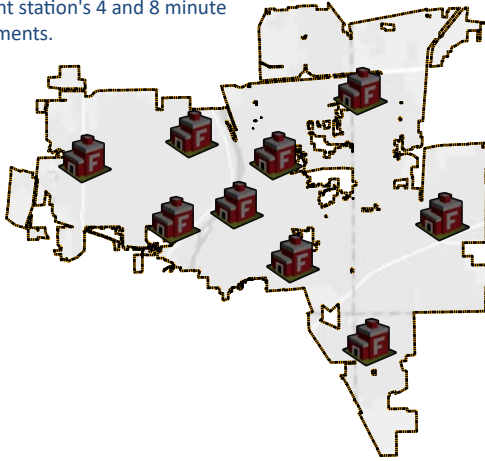
The Ideal Station Location was calculated using ESRI's Location - Allocation Analysis tool. 1,334 possible fire station sites were used with a 4 minute drive time as the cutoff to reach as many incidents as possible.



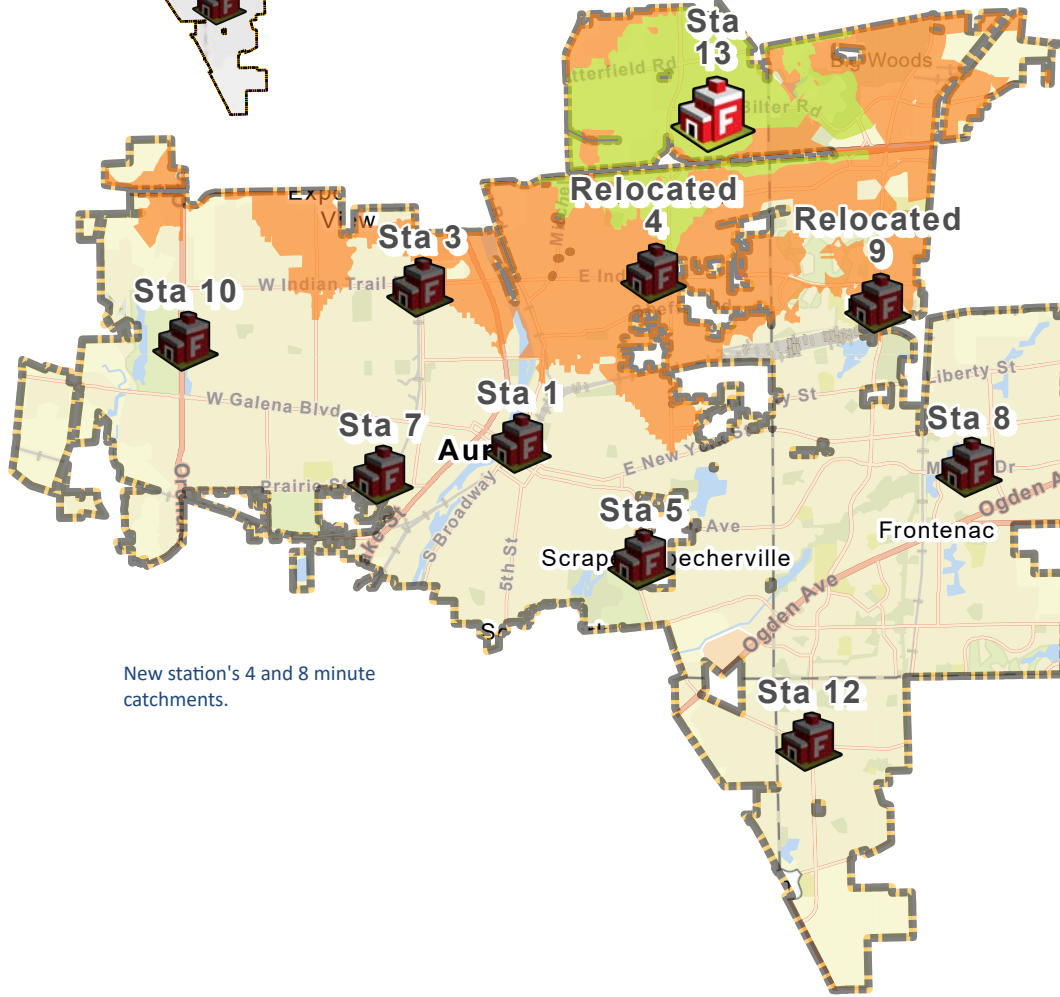
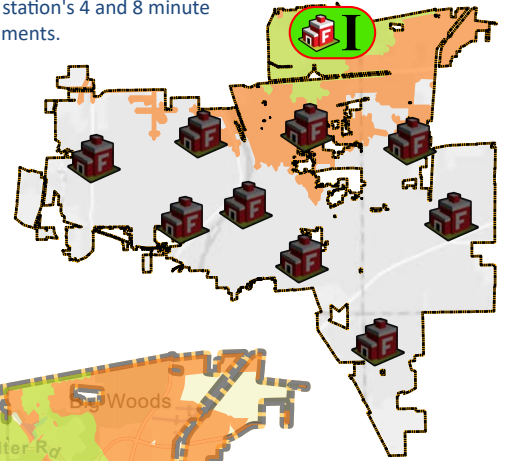
Station 13 - Catchment Comparison



Current station's 4 and 8 minute catchments.



Ideal station's 4 and 8 minute catchments.



New station's 4 and 8 minute catchments.



4 MINUTE COVERAGE

AREA IN SQUARE MILES PERCENTAGE OF TRA

Current	0	0%
Ideal	3.8	8%
Proposed	3.7	8%



8 MINUTE COVERAGE

AREA IN SQUARE MILES PERCENTAGE OF TRA

Current	0	0%
Ideal	12.6	26%
Proposed	13.7	29%

Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.

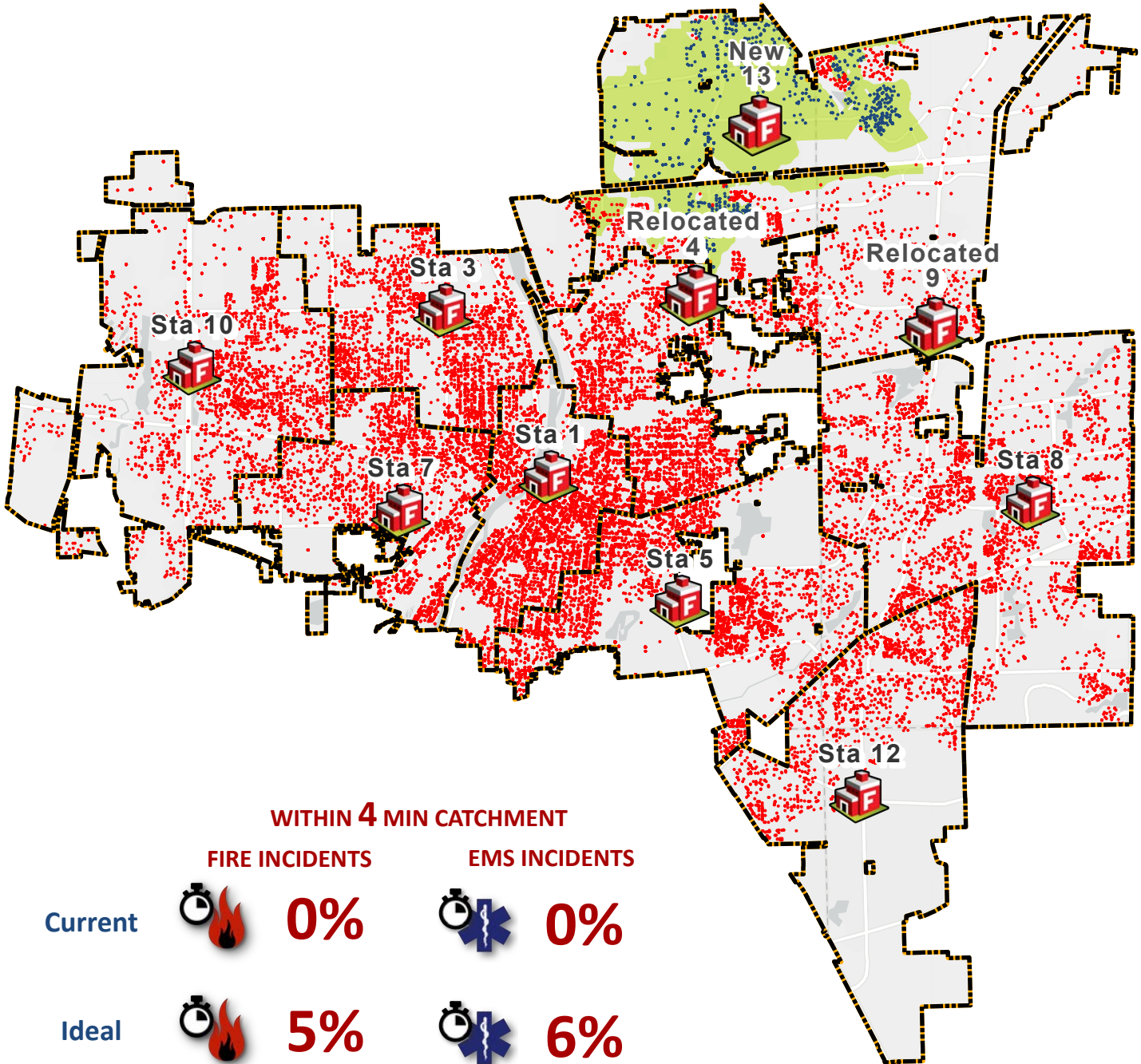


Station 13 - 4 Minute Catchment Incidents



6%

OF TRA INCIDENTS ARE IN THE
4 MINUTE CATCHMENT



WITHIN 4 MIN CATCHMENT

	FIRE INCIDENTS		EMS INCIDENTS	
Current		0%		0%
Ideal		5%		6%
Proposed		6%		7%

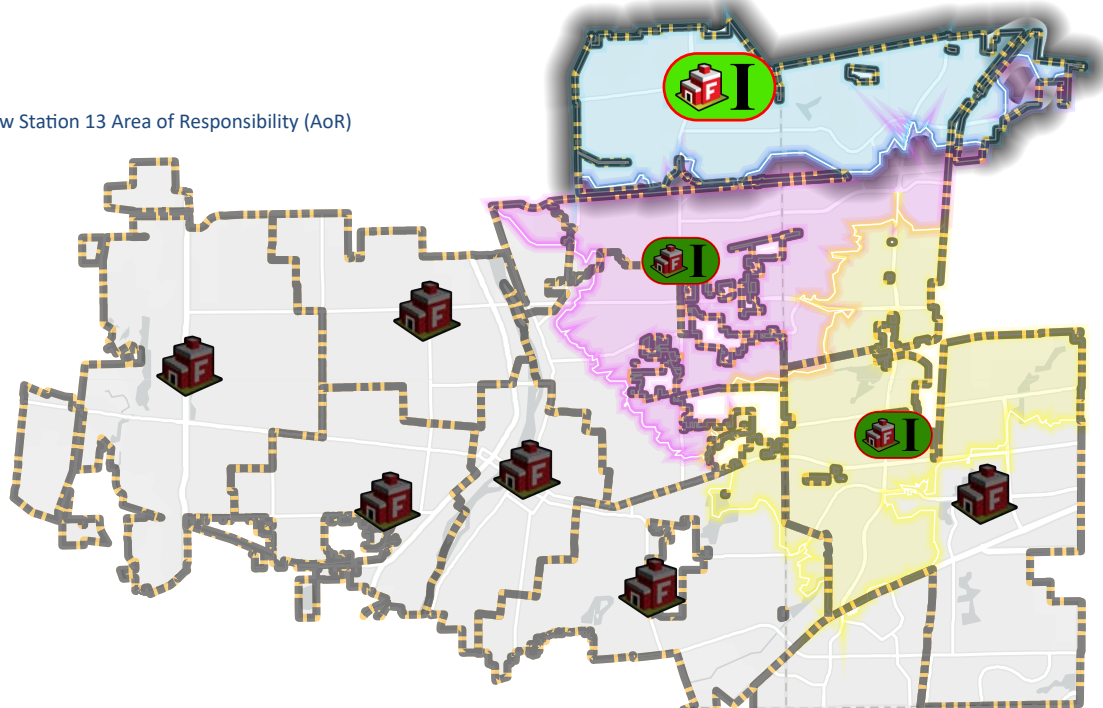
- 4 Minute Catchment
- Incidents Inside Catchment
- Incidents Outside Catchment



Station 13 - Area of Responsibility (AoR)

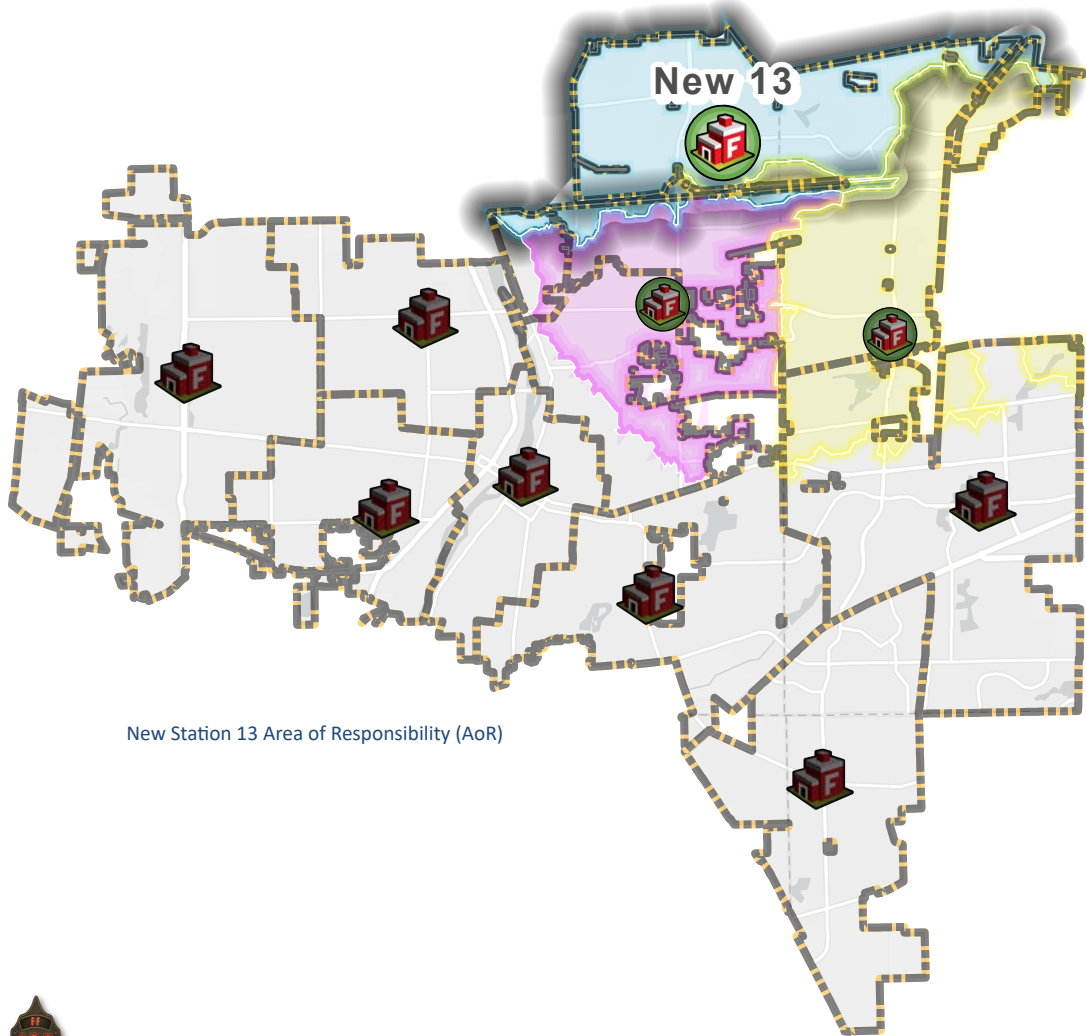


New Station 13 Area of Responsibility (AoR)



New 13

New Station 13 Area of Responsibility (AoR)





All Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Proposed	00:05:40	00:04:57	00:04:29	00:04:10	00:03:53
Historic - Proposed	00:10:24	00:09:26	00:08:44	00:08:10	00:07:39
Calculated	00:05:33	00:04:47	00:04:20	00:04:01	00:03:36
Historic - Calculated	00:10:34	00:09:27	00:08:45	00:08:12	00:07:39



Fire Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Proposed	00:06:30	00:05:18	00:04:37	00:04:27	00:03:57
Historic - Proposed	00:10:09	00:09:42	00:08:52	00:07:37	00:06:54
Calculated	00:06:30	00:05:14	00:05:03	00:05:03	00:03:48
Historic - Calculated	00:10:09	00:09:57	00:09:03	00:08:19	00:07:18



EMS Incidents Response Time (h:mm:ss)

	90%	80%	70%	60%	50%
Proposed	00:05:49	00:04:59	00:04:31	00:04:12	00:04:01
Historic - Proposed	00:10:05	00:09:12	00:08:34	00:08:02	00:07:32
Calculated	00:05:46	00:04:50	00:04:21	00:04:01	00:03:38
Historic - Calculated	00:10:09	00:09:12	00:08:35	00:08:03	00:07:31



Other Incidents Response Time (h:mm:ss)

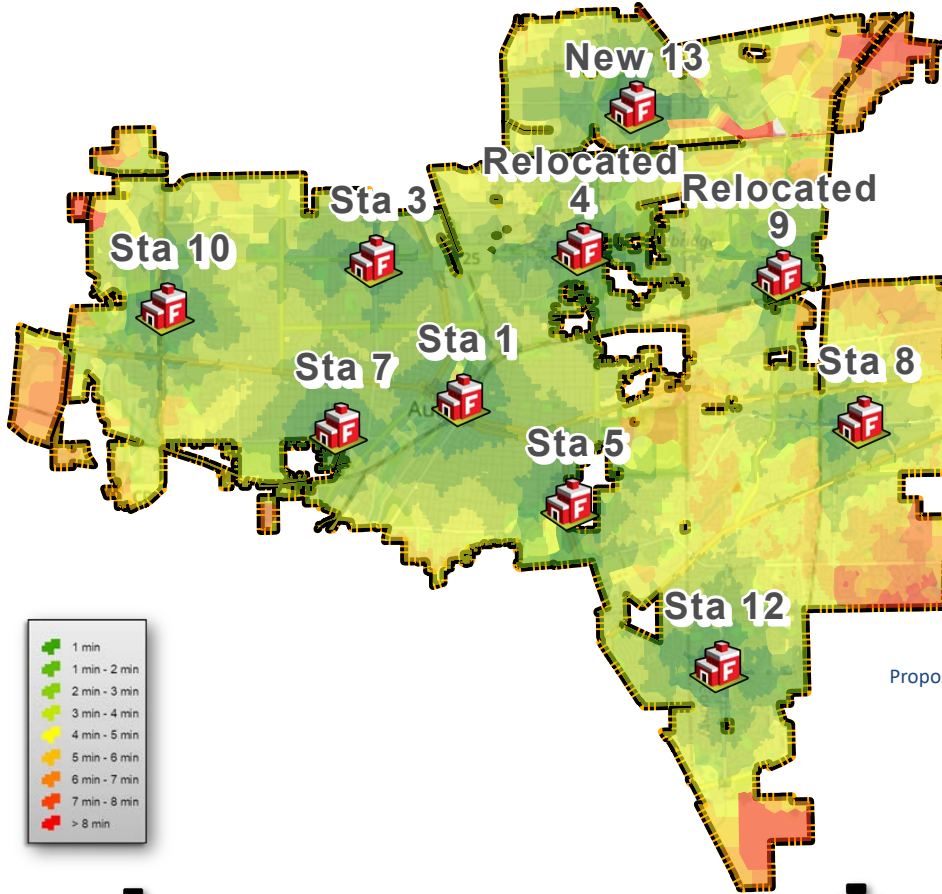
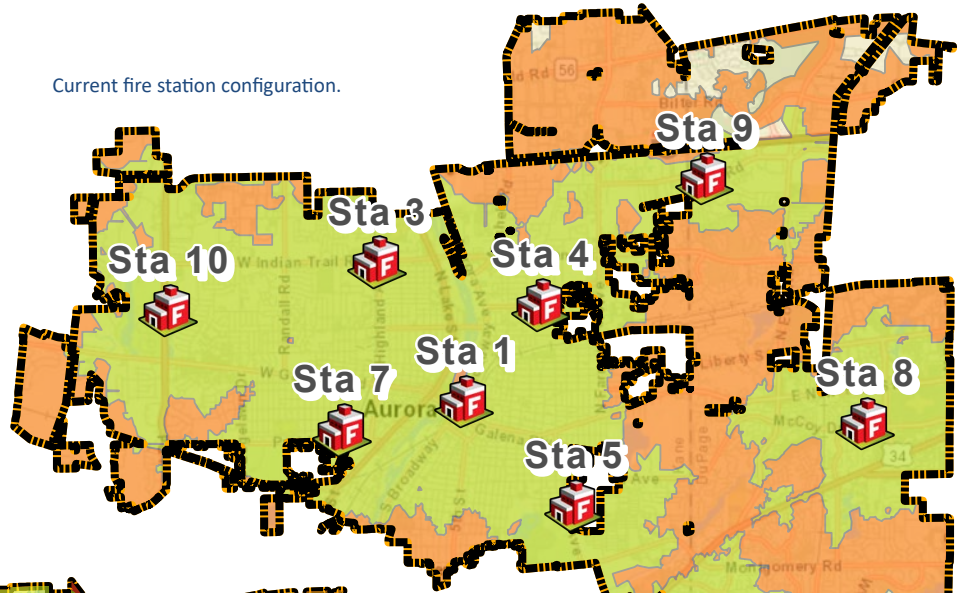
	90%	80%	70%	60%	50%
Proposed	00:05:30	00:04:51	00:04:22	00:04:07	00:03:43
Historic - Proposed	00:11:14	00:10:00	00:09:20	00:08:42	00:08:10
Calculated	00:05:18	00:04:43	00:04:10	00:04:01	00:03:27
Historic - Calculated	00:11:23	00:10:13	00:09:24	00:08:47	00:08:16



4 min and 8 min Drive Times Comparison



Current fire station configuration.



Proposed configuration.



4 MINUTE COVERAGE

AREA IN SQUARE MILES PERCENTAGE OF TRA

Current **28.7** **60%**

Proposed **32.0** **67%**



8 MINUTE COVERAGE

AREA IN SQUARE MILES PERCENTAGE OF TRA

46.4 **97%**

46.8 **98%**

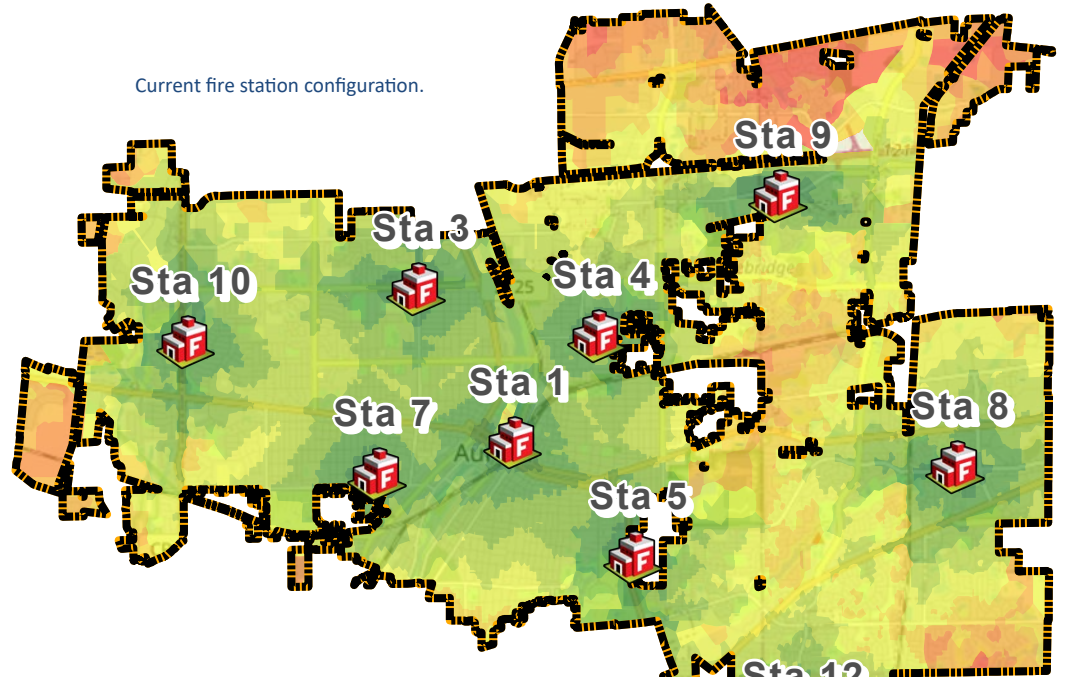
Catchments represent the area covered by drive time from the fire stations and are displayed at the four-minute and eight-minute increments.



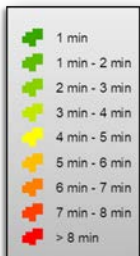
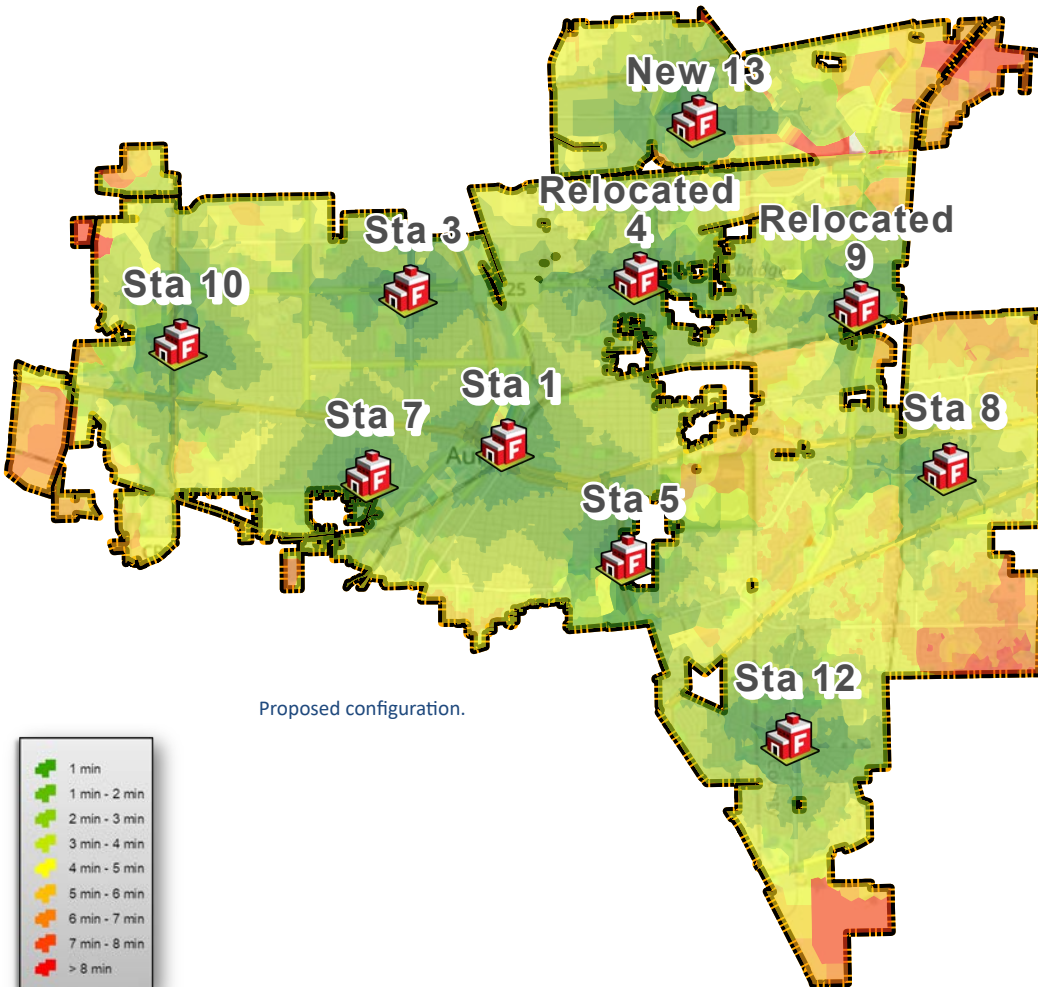
Area Served by Drive Time Comparison



Current fire station configuration.



Proposed configuration.



Catchments represent the area covered by drive time from the fire stations and are displayed in one-minute increments.





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