COLORADO SPRINGS

FSD

FIRE DEPARTMENT

Annual Report

2018

STATISTICAL ABSTRACT ***VERSION 1.1 26-MAR-2016***

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Contents

Department Highlights **1**
Department Recognition 2018: 1
Retirements 1
Promotions 2
Firefighter New Hires 2
Civilian New Hires 2
Service Area Maps **2**
CSFD Planning Evaluation Zones **3**
Spatial Distribution of Incidents by FDZ **4**
2018 Summary **5**
Total Incidents **6**
Incident Overview 6
Mutual Aid 7
Dispatched vs Situation Found 8
Incidents by Pez 9
2018 Incidents by PEZ 9
Incidents by PEZ: 2018 with the past 5 years 9
Incidents by Still District 10
Incidents by Still District 10
Incidents by Still District: the past 5 years 10
Incidents by FPU 10
Standards of Cover 11
8 and 12 Minute Standards of Coverage 11
2018 Cover by PEZ 11
Responses 12
Truck Responses by Truck District 12
Station Responses 12
Company Responses by Still District 13
Fire **14**
Incident Overview 14
Fire Loss 14
Fire Situation Found by Still District 15
Extinguish Methods for All Fires 15
Ignition Factors for All Fires 16
Structure Fires 17
Grass Fires 18
Brush Truck Responses by Still District 19
Wildland Responses by Still District 19
Medical **20**
Incident Overview 20
Primary Assessments 21
Primary Assessments 22
Common Contributing Factors to Primary Assessments 23
Main Procedures Used 24
Hazardous Conditions **25**
Incident Overview 25
Electrical Incidents 25
Hazmat Incidents 25
Rescue **26**
Incident Overview 26
Over-Pressure / Rupture **27**
Incident Overview 27
False Alarm **28**
Incident Overview 28
Good Intent **29**
Incident Overview 29
Service Call **30**

Incident Overview 30
Severe Weather 31
Incident Overview 31
Other 32
Incident Overview 32
Mutual Aid 33
Mutual Aid Received 33
Mutual Aid Given 34
Appendix 35
Appendix A: Glossary 35
Appendix B: Maps 36
Colorado Springs Fire Department 41

Department Highlights

Department Recognition 2018:

ANNUAL SERVICE AWARDS

CSFD Firefighter of the Year
Grant Tinker

Christina Randall Civilian of the Year
Lindsey Pastore

Unit of the Year
Honor Guard

Chief's Award
Dave Broch

Life Rescue Award
Ian Bruzenak

Safety Award
Austin Pugh

Local #5 Firefighter of the Year
Ty Mather

Career Achievement
Steve Schopper

Medal of Distinguished Service
Juliet Keys
Dee Withee

Award of Recognition
T.J. Bopp

Community Service
Rai Henniger

Medical Director Award
Ed Breece

Retirements

Captain
James Montera
Scott Smith

Driver
Kirt Mansanares
Luke Magistrelli
Mark Schawe
Michael Raedel
Robert Dodd
Steve Putzstuck

Firefighter
Edward Hurtado
Jeffrey Cornelison
Monica Cernik

Lieutenant
Carl Lyman
Greg Iafeliece
Gregory Segura
Michael Lazor
Michael Short

Paramedic
David Kemp
Jon Mueller
Lisa Smith

Fire Code Inspector
Jay Weightman

Promotions

Captain

Craig Milroy
Mark Trudell

Driver

Andrew Vrooman
Benjamin Griffeth
Clinton Mestas
Ian Elliott
Jason Shireman
John Giacoma, II
John M. Roy
Joseph Nelson
Joshua Talbot
Michelle Madrid
Robert Martin
Ubaldo Gomez

Lieutenant

Andrew Cooper
Charles Long
Cory Marr
Jeffrey Frater
Mike Short
Ryan Douglas
Ryan Hawley

Paramedic

Christopher Breeden
Daniel Gavrich
Erik Long
Garrett Bartelmie
Justin Smit
Marcus Johnson
Nicholas Acosta
Philip Wright
Richard Rodriguez
Ryan Boughal
Tyler Bolten

Firefighter New Hires

Aaron Holslag
Adam Tapia
Antonio Barajas
Brandon Chidester
Bryce Beblavi
Charles Gerszewski
Christopher Valentine
Dalton Hohn-Hill
Daniel Dalecio
David Lawing II
Derrick Ross
Dow Leeds
Edwin Maher V
Garrett Salcido
Guillermo Zavala, Jr
James De Chant, Jr
James Osaer
John Cummings
Johndely Mena
Joshua Fox
Justin Sutton
Marc Kelley
Nathaniel Di Lisio
Ryan Morris
Steven Swanson
Travis Nicks
Weston Whitmore

Civilian New Hires

Community Health Paramedic

Mark Sandoval
Sarah Burns

EMS Field Specialist

Brittany Nunez

Fire and Life Safety Educator

Angela Bird

Fire Code Inspector I

Jeffrey Huddleston

Fire Code Inspector II

Mark Stanwood

Maintenance Technician II

Jai Abeyta

Office Specialist

Cynthia McKenzie

Program Administrator

Steven Johnson

Program Coordinator

Sherrie Storey

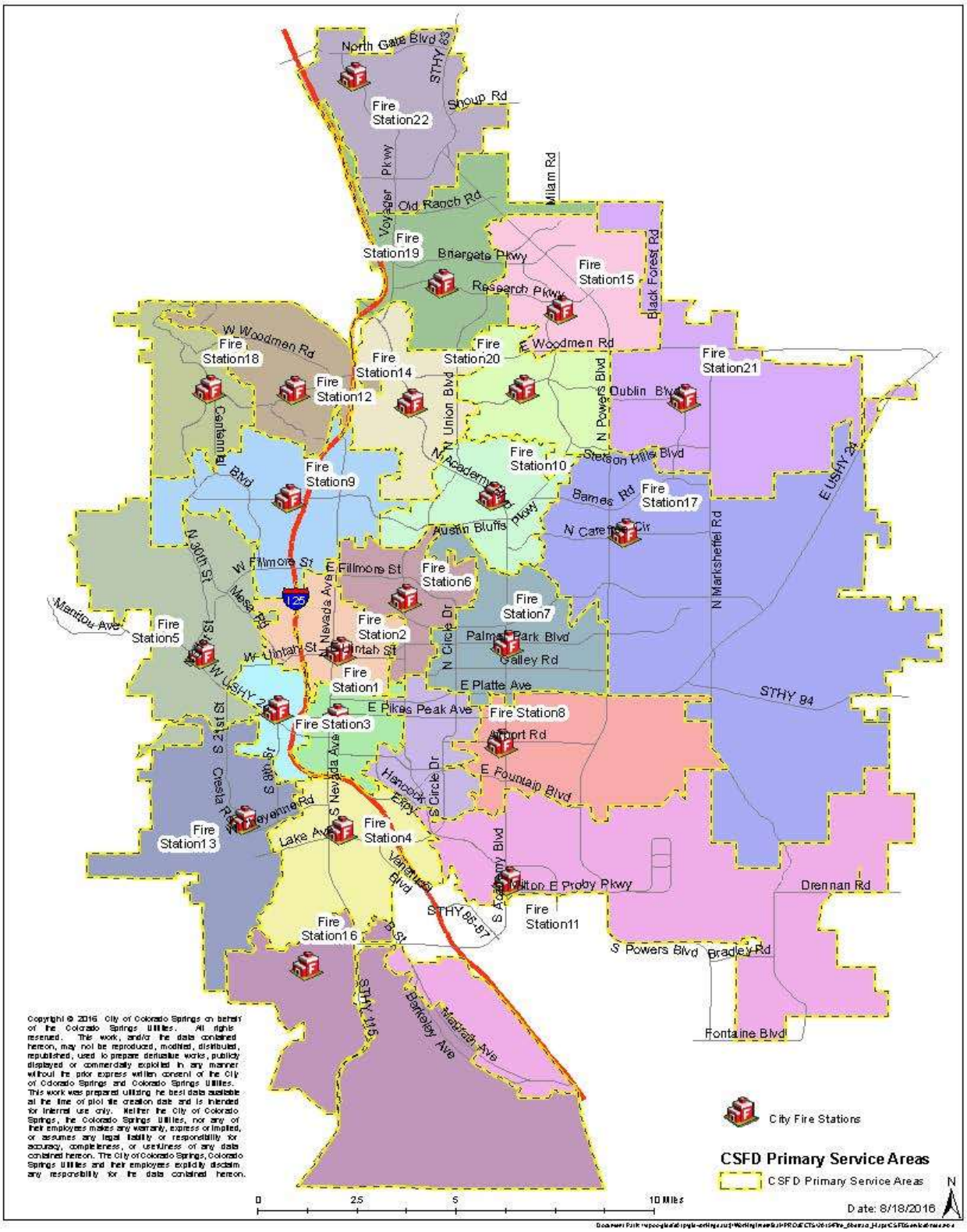
Public Safety Recruiter

Freddie Barbary

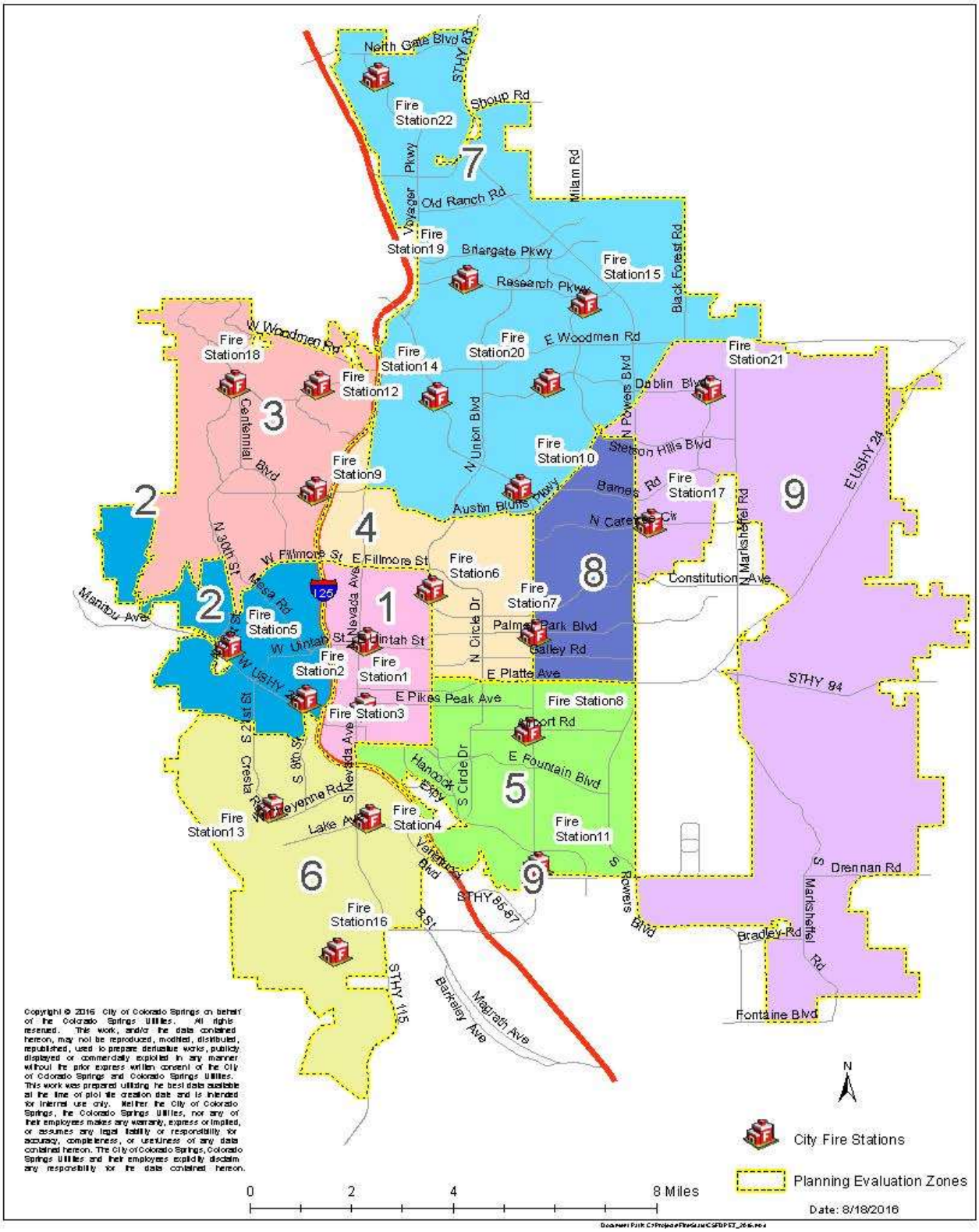
Senior Office Specialist

Jennifer McWilliams

Service Area Maps



CSFD Planning Evaluation Zones



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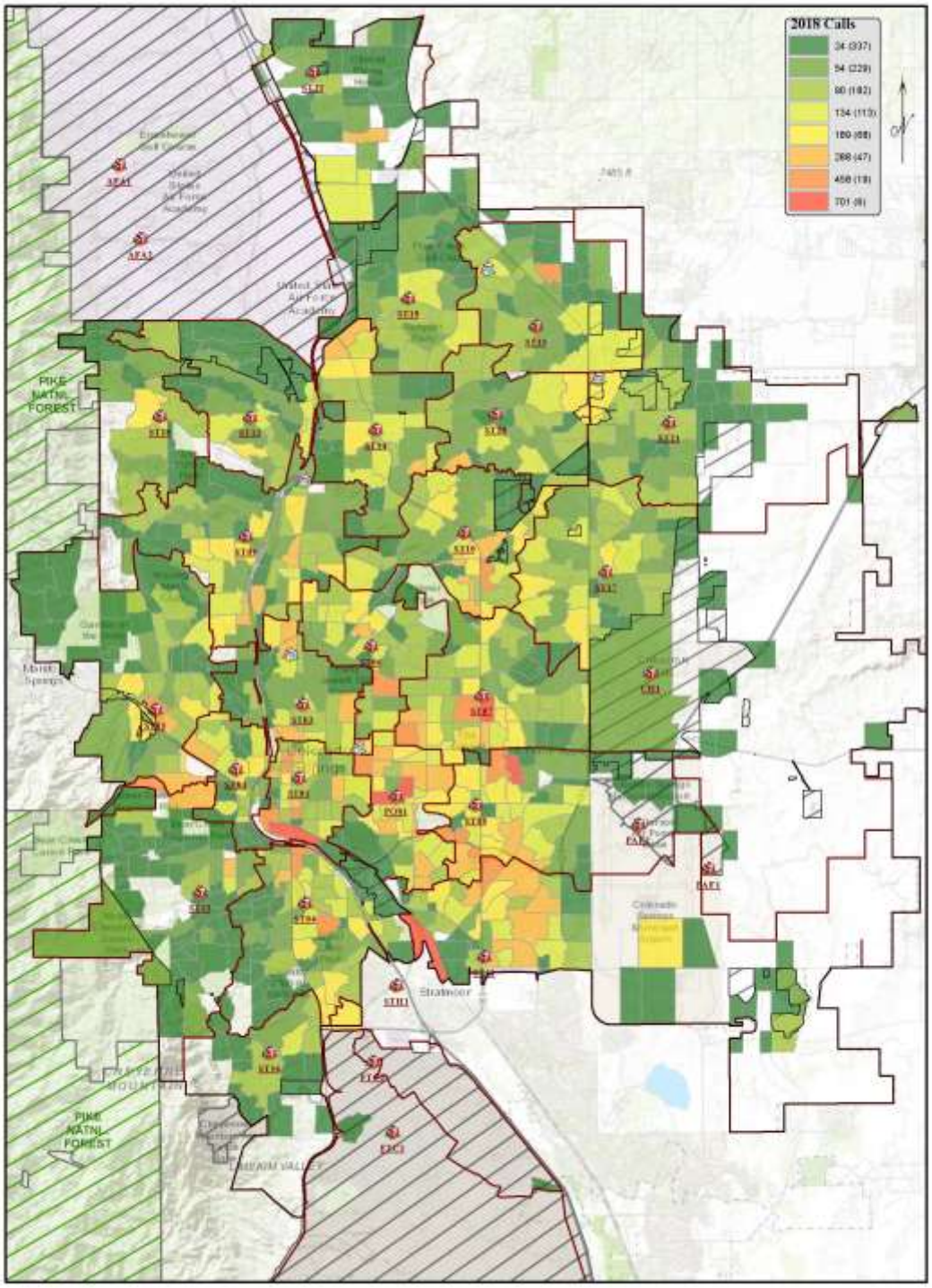
Spatial Distribution of Incidents by FDZ



2018 Summary

Population: 475,963
Colorado Springs Area (in Sq. Miles): 195
Annual Budget: $ 74,403,790
Salary & Benefits: $ 62,644,816
Operations & Maintenance Budget: $ 4,494,490
Major Capital Budget: $ 3,884,484
Grants: $ 2,380,000

Total personnel in Fire Department: 514.5
Total line personnel: 423
Daily staffing: 126

Number of:

Stations	Engines	Trucks	Squads	Hazmat	Heavy Rescue	Companies
23	22	6	3	2	1	34

Engine company with the most responses: Engine 1 – 5,031 responses
Truck company with the most responses: Truck 1 – 2,573 responses
Battalion Chief with the most responses: BC1 – 1,187 responses
Heavy Rescue with the most responses: HR17 – 1,274 responses
Squad with the most responses: S8 – 3,755 responses
Hazmat company with the most responses: H14 – 3,023 responses
Station with the most responses: Station 1 – 7,540 responses (E1+T1)
Still District with the most incidents: Station 7's district with 5,966 incidents
Truck District with the most incidents: Truck District 8 with 15,772 incidents

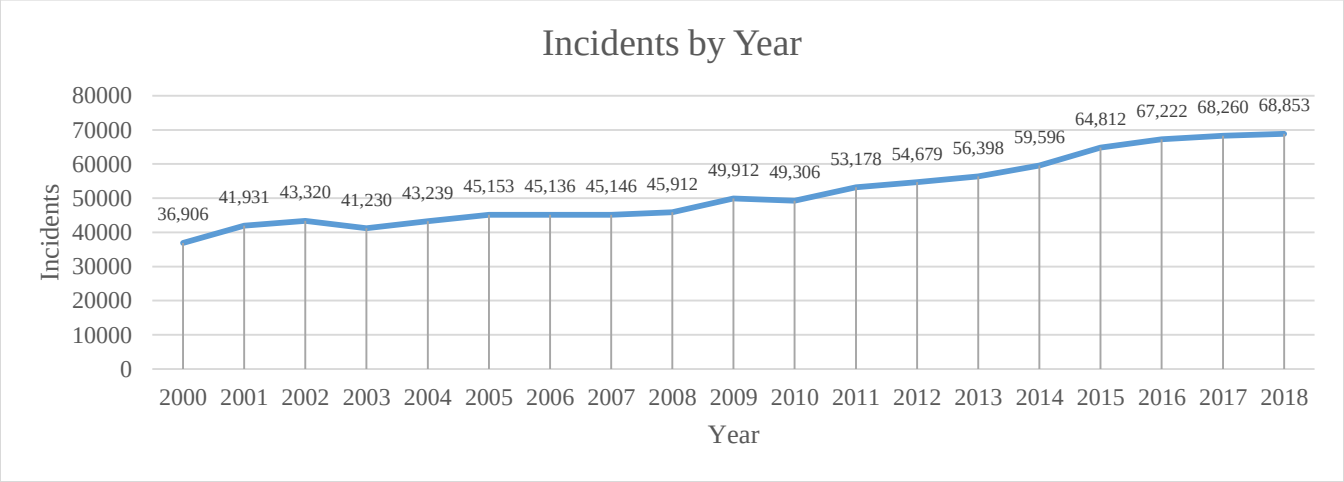
Total incidents: 68,853

Fire	Rupture	Rescue	Medical	Hazardous Conditions	Service Call	Good Intent	False Alarm	Severe Weather	Other
758	35	2843	42476	361	7509	11815	3005	13	38

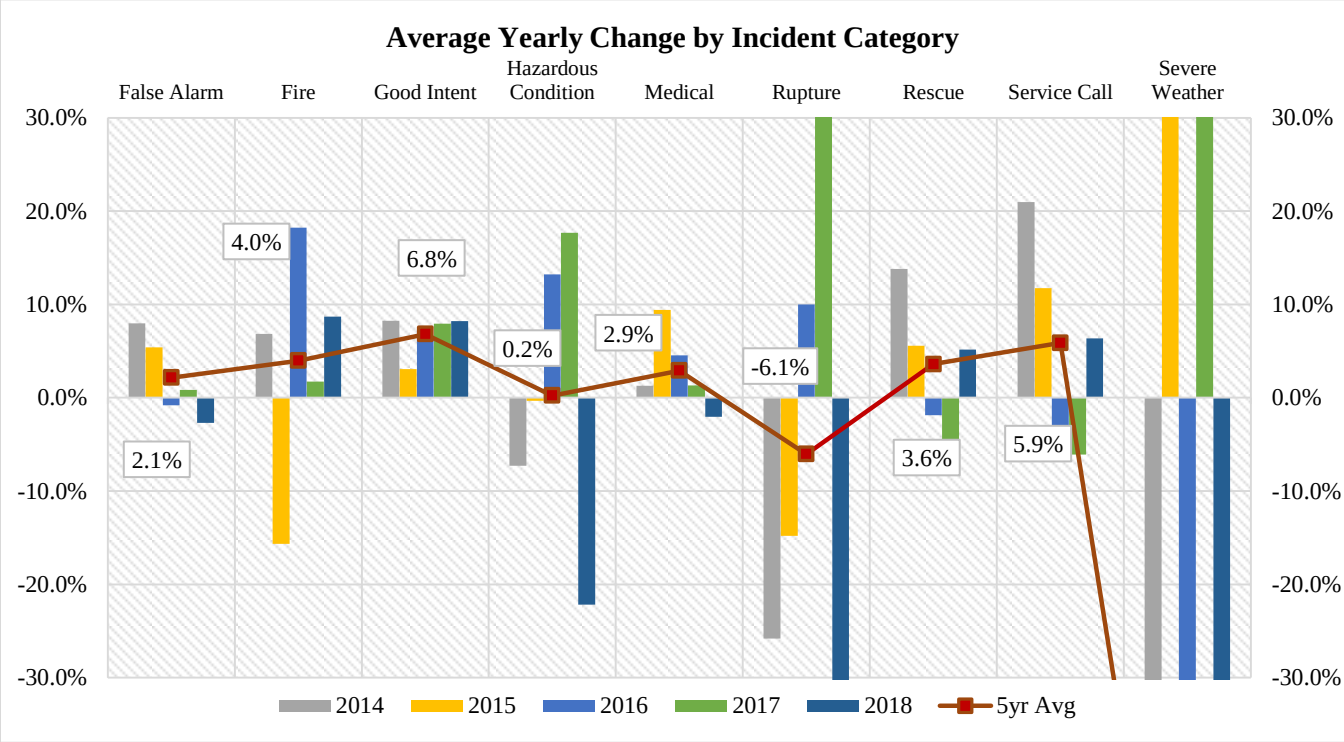
Firefighter fire deaths: 0
Firefighter injuries: 17
Civilian fire deaths: 1
Civilian fire injuries: 16

Total Incidents

Incident Overview



Year	False Alarm	Fire	Good Intent	Hazardous Conditions	Medical	Other	Rupture	Rescue	Service Calls	Severe Weather	Not Set	Total
2013	2685	599	8291	339	36507	49	39	2338	5390	63	98	56398
2014	2918	643	9035	316	36981	46	31	2713	6821	24	68	59596
2015	3085	556	9320	315	40821	32	27	2873	7729	43	11	64812
2016	3060	680	9984	363	42765	38	30	2820	7458	13	11	67222
2017	3086	692	10844	441	43338	55	48	2696	7031	26	3	68260
2018	**3005**	**758**	**11815**	**361**	**42476**	**30**	**35**	**2843**	**7509**	**13**	**8**	**68853**



Mutual Aid

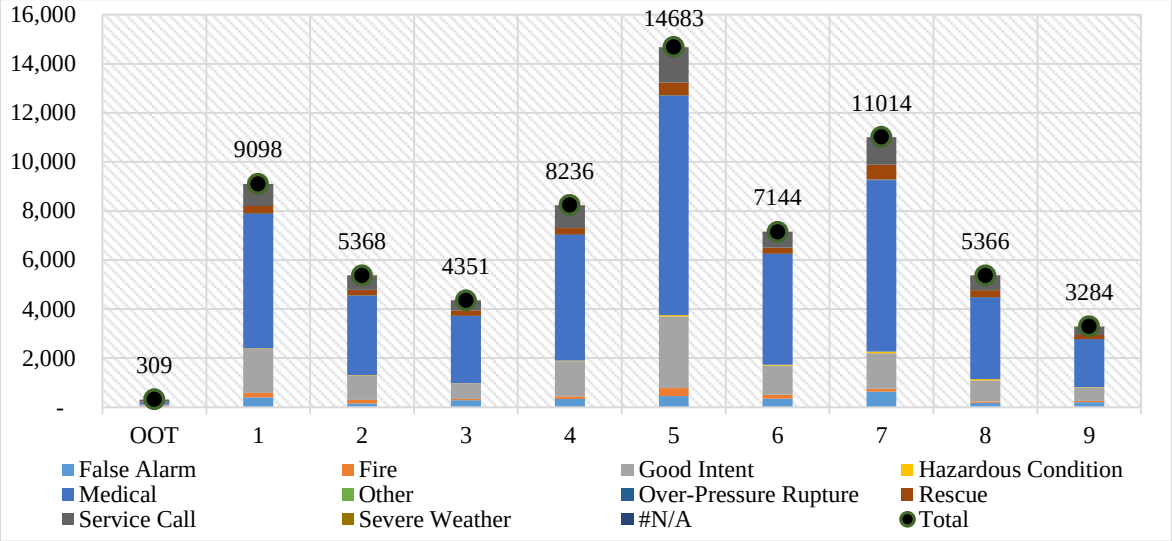
Year	Aid Type	False Alarm	Fire	Good Intent	Hazardous Condition	Medical	Other	Rupture	Rescue	Service Call	Severe Weather	Total
2013	RECEIVED	1	2	11		8						22
2013	GIVEN	15	11	21	4	132	2		8	24	1	218
2014	RECEIVED	3		8	1	20	1		3	3		39
2014	GIVEN	9	9	27	1	171	3	1	19	34		274
2015	RECEIVED	5	2	9		27			3	4		50
2015	GIVEN	13	9	63		184			28	37	2	336
2016	RECEIVED	2	5	2	1	10			4	1		25
2016	GIVEN	7	9	29	2	138	4	1	19	95		304
2017	RECEIVED		4	5	1	9			5			24
2017	GIVEN	6	12	19	1	195	3		10	56		302
2018	**RECEIVED**		**1**	**3**		**5**			**3**			**12**
2018	**GIVEN**	**5**	**19**	**26**	**1**	**142**	**1**		**8**	**50**		**252**

Dispatched vs Situation Found

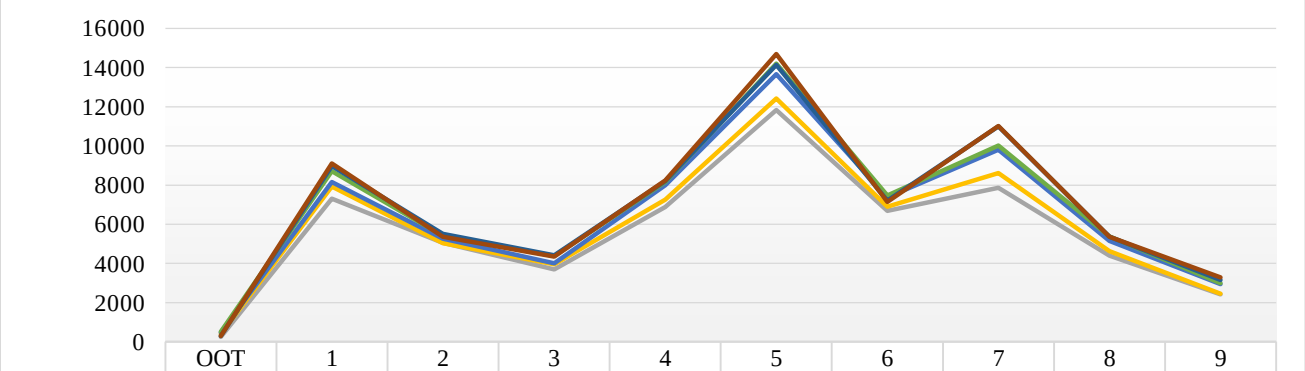
	Dispatch Code							
Situation Found	**Fire**	**Good Intent**	**Hazardous Condition**	**Medical**	**Other**	**Rescue**	**Service Call**	**Severe Weather**
2018	**2674**	**3873**	**896**	**56320**	**138**	**1165**	**3774**	**13**
False Alarm	81	2540	11	335	1	6	31	
Fire	**1095**	9		6			111	1
Good Intent	1280	**975**	435	7914	21	102	1083	5
Hazardous Cond	36	70	**222**	17			16	
Medical	21	24	17	**41752**	20	343	299	
Other	8		3	18			9	
Over-Pressure	7	8	18	1			1	
Rescue	12		26	2035	3	**645**	122	
Service Call	133	247	162	4241	93	69	**2096**	4
Severe Weather	1		2	1			6	**3**
2017	**2711**	**3898**	**1077**	**55389**	**351**	**1324**	**3485**	**25**
False Alarm	107	2521	12	370	12	20	42	2
Fire	**644**	7	1	7		1	32	
Good Intent	1383	**986**	451	6881	85	123	928	7
Hazardous Cond	51	65	**279**	25	9	1	10	1
Medical	16	38	10	**42459**	85	388	341	1
Other	8	4	14	13	**1**	1	17	
Over-Pressure	10	5	29	2			2	
Rescue	18		28	1820	10	**715**	105	
Service Call	471	272	250	3812	146	74	**2003**	3
Severe Weather	3		3		3	1	5	**11**
2016	**2351**	**3877**	**740**	**55772**	**360**	**653**	**3442**	**26**
False Alarm	87	2512	8	404	6	6	35	2
Fire	**631**	12	2	6			28	1
Good Intent	1127	**924**	294	6496	59	105	967	11
Hazardous Cond	57	72	**189**	21	3	1	20	
Medical	27	48	13	**41993**	110	174	400	
Other	12	5	2	22			9	
Over-Pressure	10	3	16	1				
Rescue	17		34	2312	30	**310**	117	
Service Call	379	301	182	4517	152	56	**1864**	7
Severe Weather	4	1				1	2	**5**

Incidents by Pez

2018 Incidents by PEZ



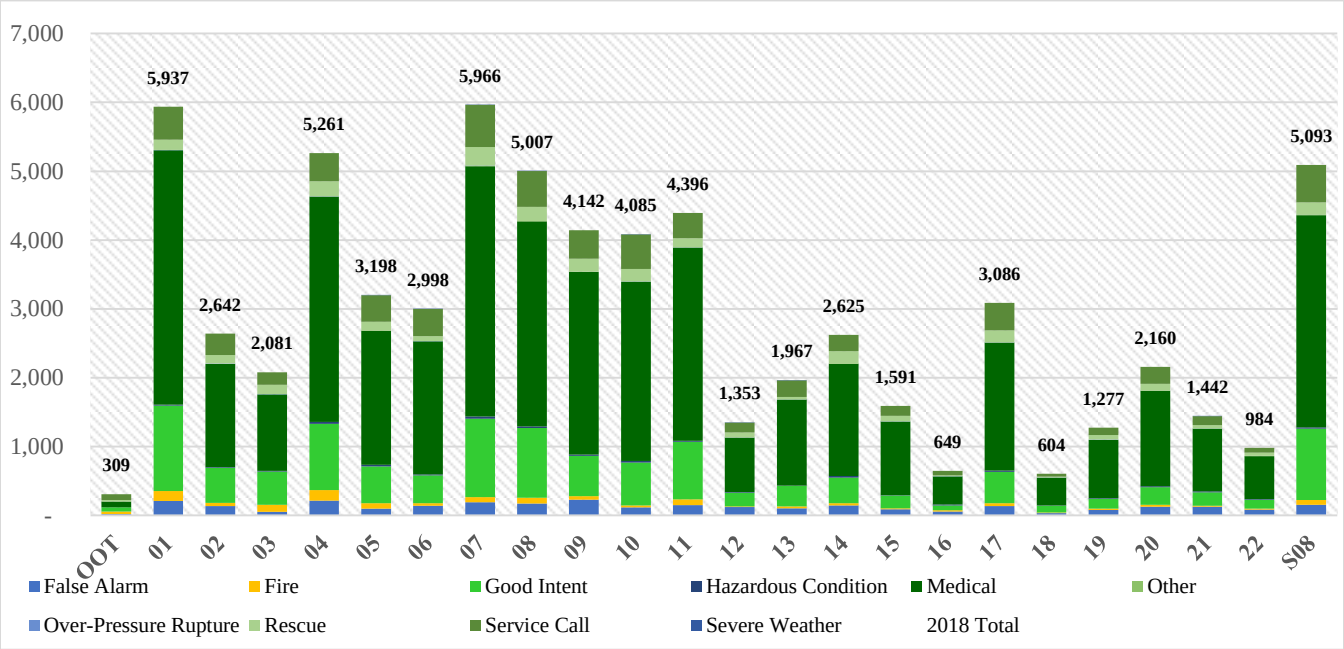
Incidents by PEZ: 2018 with the past 5 years



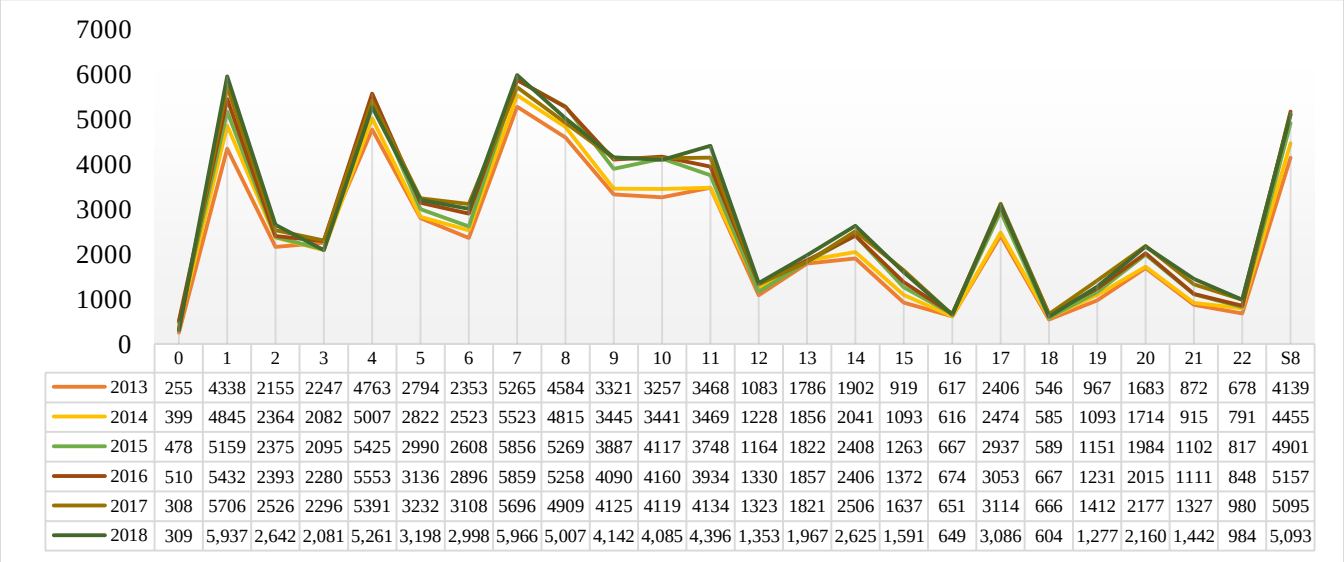
	OOT	1	2	3	4	5	6	7	8	9
2013	255	7314	5048	3697	6875	11833	6693	7860	4393	2430
2014	399	7925	5029	3951	7265	12423	6898	8612	4634	2460
2015	478	8150	5262	4008	7994	13652	7374	9799	5145	2950
2016	510	8719	5410	4383	8155	14197	7468	10013	5379	2988
2017	308	8966	5510	4424	8203	14133	7204	10999	5360	3152
2018	309	9098	5368	4351	8236	14683	7144	11014	5366	3284

Incidents by Still District

Incidents by Still District



Incidents by Still District: the past 5 years



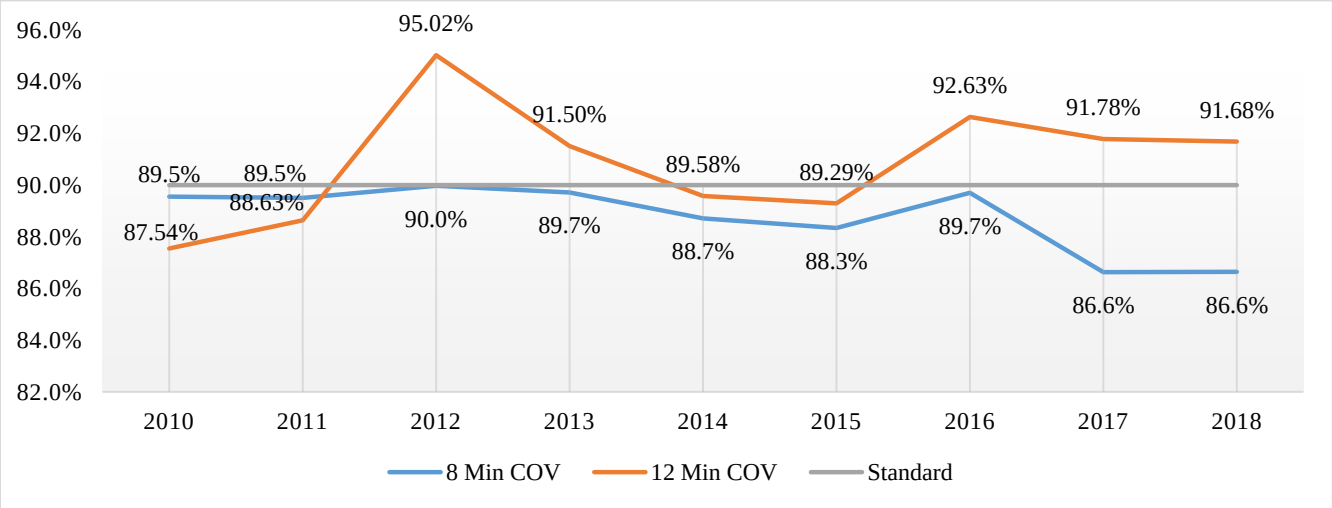
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	S8
2013	255	4338	2155	2247	4763	2794	2353	5265	4584	3321	3257	3468	1083	1786	1902	919	617	2406	546	967	1683	872	678	4139
2014	399	4845	2364	2082	5007	2822	2523	5523	4815	3445	3441	3469	1228	1856	2041	1093	616	2474	585	1093	1714	915	791	4455
2015	478	5159	2375	2095	5425	2990	2608	5856	5269	3887	4117	3748	1164	1822	2408	1263	667	2937	589	1151	1984	1102	817	4901
2016	510	5432	2393	2280	5553	3136	2896	5859	5258	4090	4160	3934	1330	1857	2406	1372	674	3053	667	1231	2015	1111	848	5157
2017	308	5706	2526	2296	5391	3232	3108	5696	4909	4125	4119	4134	1323	1821	2506	1637	651	3114	666	1412	2177	1327	980	5095
2018	309	5,937	2,642	2,081	5,261	3,198	2,998	5,966	5,007	4,142	4,085	4,396	1,353	1,967	2,625	1,591	649	3,086	604	1,277	2,160	1,442	984	5,093

Incidents by FPU

Type	False Alarm	Fire	Good Intent	Hazardous Condition	Medical	Other	Rupture	Rescue	Service Call	Severe Weather	Not Available	Total Expos.
2018												**70430**
Commercial	749	772	5365	179	12449	10	16	2728	1739	6		24021
Industrial	46	9	48	3	178		1	4	22			311
Institution	576	7	1060	9	6811	2	2	23	824			9314
Multifamily	350	78	1648	32	6984	5	3	27	1410	2		10539
Other Res.	206	11	280		1101	1		11	113			1723
Single-family	1078	345	3412	138	14953	9	13	50	2937	5		22965
Not Available			2			11						1557

Standards of Cover

8 and 12 Minute Standards of Coverage



Year	8 Min COV	12 Min COV
2013	**89.7%**	**91.5%**
2014	**88.7%**	**89.6%**
2015	**88.3%**	**89.3%**
2016	**89.7%**	**92.6%**
2017	**87.9%**	**94.4%**
2018	**86.6%**	**91.7%**

2018 Cover by PEZ

PEZ	8 Min COV	12 Min COV
City	**86.64%**	**94.22%**
01	92.94%	100.00%
02	84.25%	94.87%
03	79.68%	87.50%
04	89.57%	96.83%
05	87.76%	95.28%
06	86.62%	89.83%
07	84.39%	91.67%
08	87.15%	100.00%
09	80.82%	76.92%

Responses

Truck Responses by Truck District

Company	OOT	1	4	8	9	10	17	19	Total
T1	9	**1992**	196	201	100	6	3	2	**2509**
T4	26	231	**1588**	164	12		1		**2022**
T8	7	130	47	**2267**	5	46	37	3	**2542**
T9	5	155	17	12	**1597**	67	1	38	**1892**
T10	4	23	6	149	118	**1402**	143	53	**1898**
HR17	31	87	47	143	50	141	**704**	71	**1274**
T19	10	5	2	9	59	69	33	**637**	**824**

Station Responses

Station	2012	2013	2014	2015	2016	2017	2018	Prior Year Growth	Avg Growth
SQ08	3274	3397	3561	3927	3715	3747	3755	0%	2.2%
ST01	6150	6281	6780	7034	7164	7274	7540	4%	4.1%
ST02	2404	2433	2576	2481	2656	2846	2804	-1%	3.1%
ST03	2528	2812	2715	2588	2789	2930	2752	-6%	0.8%
ST04	5385	5667	6003	6466	6465	6308	6112	-3%	3.2%
ST05	2450	2621	2659	2602	2899	2954	2935	-1%	3.2%
ST06	2652	2574	2753	2760	3031	3277	3252	-1%	3.9%
ST07	5843	6136	6286	6588	6468	6217	6585	6%	2.7%
ST08	7395	7188	7419	7686	7735	7366	7364	0%	0.8%
ST09	3529	4035	4461	4911	5276	5192	5046	-3%	6.9%
ST10	4280	4452	4594	5215	5136	5367	5453	2%	4.5%
ST11	3196	3289	3336	3818	4795	4756	4925	3%	6.7%
ST12	1246	1235	1363	1259	1481	1403	1429	2%	3.9%
ST13	1767	1771	1802	1764	1986	1865	1965	5%	1.4%
ST14	1967	2135	2107	2326	2342	2215	2313	4%	3.4%
ST15	996	1059	1200	1296	1518	1603	1589	-1%	7.1%
ST16	746	708	673	694	691	813	911	11%	3.9%
ST17	3495	3649	3443	3680	3761	3769	3690	-2%	1.6%
ST18	713	683	779	770	883	977	960	-2%	3.7%
ST19	2463	2395	2975	3240	2203	2611	2625	1%	-0.2%
ST20	1774	1858	1636	1770	1791	1856	1828	-2%	2.2%
ST21		354	967	1245	1394	1439	1613	11%	8.2%
ST22					684	882	920	4%	13.3%
Total	**60979**	**65764**	**70087**	**74120**	**76863**	**77667**	**78366**	**1%**	**4.8%**

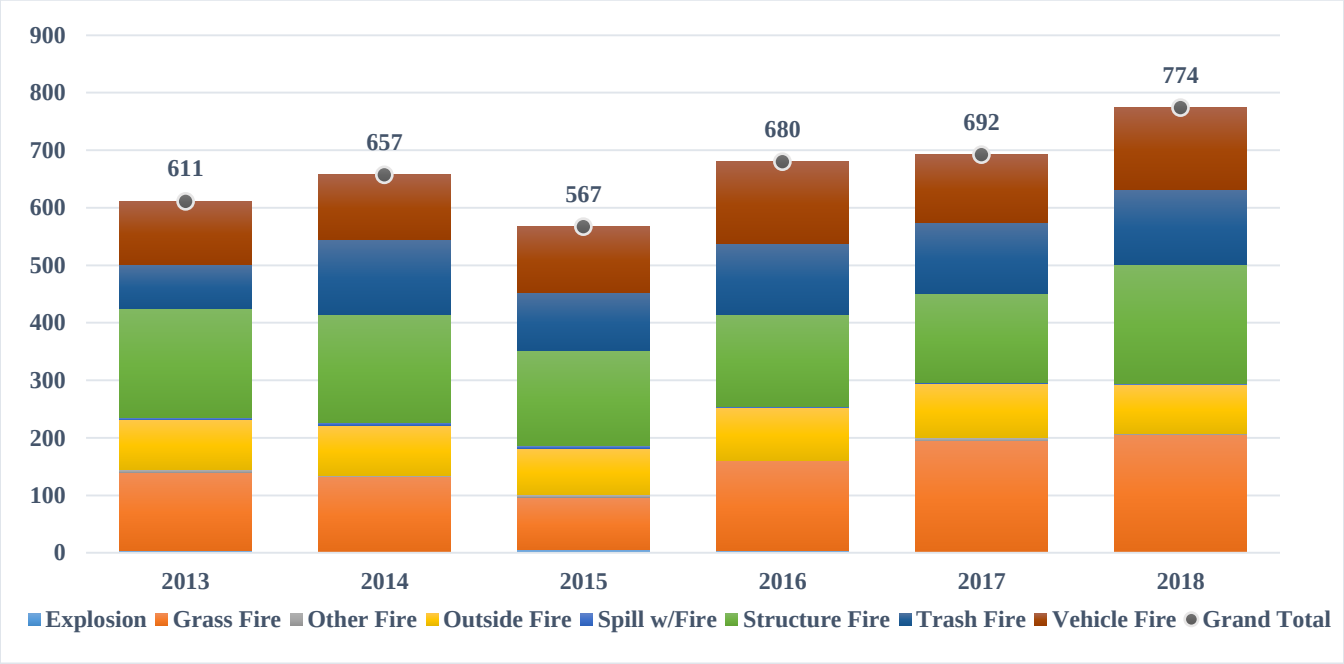
Company Responses by Still District

CMP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	S8	OOT	Total
E01	**3547**	321	231	310	65	23	21	25	48		13		27		2	6	3	2					376	11	**5031**
E02	296	**1556**	94	19	62	389	25	3	143	2		3	6	1			1						42	5	**2647**
E03	318	76	**1332**	161	439	5	8	10	17	1	19	3	201	1		3		1				1	12	8	**2616**
E04	301	4	72	**3239**	9			32	2		84		86			57							81	34	**4001**
E05	26	21	223	14	**2278**	1	2		60		2	4	201	2		2		6					3	4	**2849**
E06	38	286	1	1	6	**2023**	243	13	89	135	2	3		10	1	1	2			4			122	6	**2986**
E07	6	5			1	110	**2186**	301		143	46			1			65			1	1		136	6	**3008**
E08	44	3	3	13	2	7	438	**2935**	7	11	382	2	3			1	17						949	5	**4822**
E09	14	215	9	12	124	130	5	4	**2364**	59	4	116	7	18		1	4	15	1			2	4	1	**3109**
E10	3	5		2		105	148	17	45	**2570**	8		1	347	4		170		2	89	5	2	3	3	**3529**
E11	3			66		1	26	236		1	**1508**					28	1						165	15	**2050**
E12	2	5	2	1	4	3	6	1	165	6	5	**990**	1	104	1		3	49	9	1	1	5	3	20	**1387**
E13	27	3	52	205	171	1	1	1	2		2	1	**1410**	1		3	1	4					5	1	**1891**
E14						6	4	3	74	89	1	106		**1507**	9			3	46	110		8	2	3	**1971**
E15						1	1	1	1	1	1			5	**1164**		7		102	185	91	3		1	**1564**
E16	3		1	194				2	2		13		34			**566**							3	19	**837**
E17			1	1			93	25	1	86	12	1	1	2	8		**1950**		2	62	97		4	36	**2382**
E18	1	1	1		9	2	1	1	204			182					1	**524**					2	5	**934**
E19	5	1	1	2	3	4	2	1	10	6	3	14	1	383	211		26	3	**882**	63	9	98	4	36	**1768**
E20				1			2	2	4	51	3	6		102	73		27		27	**1447**	55		5	4	**1809**
E21								1	2	6	1	1		1	55		222		3	147	**1136**			11	**1586**
E22	3												1	5	4				10	1		**854**	2	17	**897**
H06	13	15	6	16	10	**45**	18	17	12	12	11	1	1	4	1	4	12		2	3	4	1	18	2	**228**
H14	16	4	8	16	17	14	19	20	27	18	18	9	5	**23**	15	1	16	6	10	14	12	10	19	6	**323**
HR17	27	12	11	35	25	13	75	56	30	86	27	5	12	27	32	1	**612**	3	13	44	57	6	34	31	**1274**
S07	10	18		1	1	164	**2809**	179	10	127	11	1		11	3		64	1	1	6	4		100	4	**3525**
S08	161	19	7	19	6	41	171	280	5	3	39	1	3			1	3				1		**2990**	5	**3755**
S11	4	1	2	39	1		4	157			**2429**		3	1	1	11		1					151	5	**2810**
T01	**1376**	213	155	152	76	44	45	47	55		24	7	56	3	1	14	3	6		1			222	9	**2509**
T04	153	15	39	**1419**	22	3	5	39	6		100		81			45	1	1					67	26	**2022**
T08	38	10	4	25	1	12	321	**1286**	2	35	242		6	1	2	13	21			3	2		511	7	**2542**
T09	25	143	33	9	93	103	7	4	**1186**	56	1	124	6	29	5	4	1	28	12	6		9	3	5	**1892**
T10	5	3		3		90	138	52	43	**1111**	10	12	3	172	14		116	5	14	69	19	4	11	4	**1898**
T19	1	2	1	1	1	2	3	3	16	12	2	33	1	210	111		14	10	**257**	55	19	58	2	10	**824**
Total	**6466**	**2957**	**2289**	**5976**	**3426**	**3342**	**6827**	**5754**	**4632**	**4627**	**5023**	**1625**	**2157**	**2971**	**1717**	**762**	**3363**	**668**	**1393**	**2311**	**1513**	**1061**	**6051**	**365**	**77276**

Fire

Incident Overview

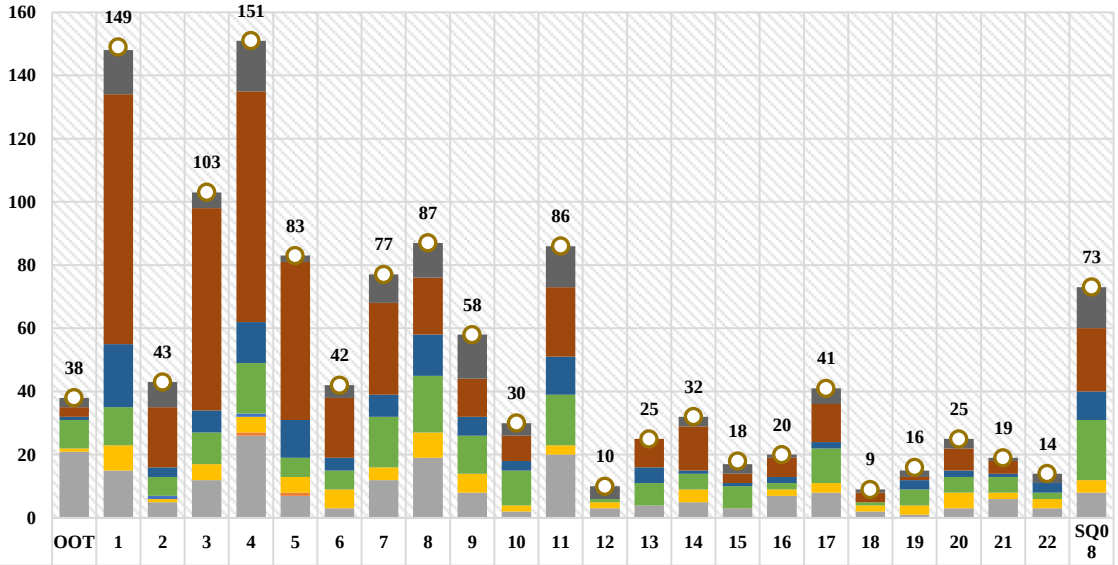
Situations Found									
Year	**Explosion**	**Grass Fire**	**Other Fire**	**Outside Fire**	**Spill w/Fire**	**Structure Fire**	**Trash Fire**	**Vehicle Fire**	**Total**
2013	4	136	5	87	3	190	76	110	611
2014	2	130	3	87	5	188	129	113	657
2015	5	92	4	81	4	165	102	114	567
2016	4	157		91	3	160	123	142	680
2017	1	194	5	95	2	154	124	117	692
2018	**3**	**203**	**2**	**84**	**2**	**208**	**130**	**142**	**774**



Fire Loss

FPU	2018
Commercial	$7,052,561
Industrial	$819,000
Institution	$7,405
Multi Family	$3,330,065
Other Residential	$141,139
Single Family	$9,506,765
Not Available	$0
Total	**$20,856,935**

Fire Situation Found by Still District



	OOT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	SQ08
Vehicle Fire	3	14	8	5	16	2	4	9	11	14	4	13	4		3	3	1	5	1	2	3	1	3	13
Unauthorized Burning	3	79	19	64	73	50	19	29	18	12	8	22		9	14	3	6	12	3	1	7	4		20
Trash Fire	1	20	3	7	13	12	4	7	13	6	3	12		5	1	1	2	2		3	2	1	3	9
Structure Fire	9	12	6	10	16	6	6	16	18	12	11	16	1	7	5	7	2	11	1	5	5	5	2	19
Spill w/Fire			1		1																			
Outside Fire	1	8	1	5	5	5	6	4	8	6	2	3	2		4		2	3	2	3	5	2	3	4
Other Fire					1	1																		
Grass Fire	21	15	5	12	26	7	3	12	19	8	2	20	3	4	5	3	7	8	2	1	3	6	3	8
Grand Total	38	149	43	103	151	83	42	77	87	58	30	86	10	25	32	18	20	41	9	16	25	19	14	73

Extinguish Methods for All Fires

Method	2013	2014	2015	2016	2017	2018
Automatic Extinguishing System	3	6	10	4	4	9
Ground Crews with Equipment	8	5	7	12	20	21
Makeshift Aids	50	47	47	41	48	36
Method of Extinguishing Not Classified Above	21	28	18	29	30	32
Portable Extinguisher	113	90	93	134	116	117
Self-Extinguished	40	38	36	30	25	32
Water Carried on Apparatus Assigned to Incident	277	321	275	370	386	408
Water from Hydrant, Draft or Standpipe	62	75	55	53	67	127
Water from Tanker Shuttle			2		1	1
Not Available	7	13	3	7	6	9
Total	**581**	**623**	**546**	**680**	**703**	**783**

Ignition Factors for All Fires

Ignition Factors	2013	2014	2015	2016	2017	2018
Animal	3	3	2	1	4	3
Arson/Incendiary	56	61	66	60	73	90
Backfire	4		5	3	3	3
Chimney Fires/Pyrophoric Fires	8	6	4	4	2	6
Collision, Overturn, Knockdown (Autos Included)	5	4	4	9	12	6
Combustibles too Close to Heat	32	28	25	32	31	33
Cooking Unattended (Not Due to Falling Asleep)	32	29	27	32	33	37
Cutting, Welding	5	6	5	2	1	
Design, Construction Deficiency	1	1	1	3	3	1
Disposal of Hot Ashes or Coal	21	17	23	21	23	9
Electrical Short, Fault, Malfunction	78	58	69	69	61	80
Equipment Overloaded	5	3	1	4	6	4
Exposure	3	6	4	3	5	27
Falling Asleep; Smoking in Bed and Cooking Included	2	4	3	2	6	8
Fireworks	1	6	2	7	12	4
Flammable Liquid; Misuse Of		1		1		1
Flammable Liquid; Improper Container	3	7	7	2	4	4
Flammable Liquid; Spilled or Released Accidentally	10	13	13	13	11	13
Heat Production Equipment; Incorrect Use Of	7	7	2	12	8	13
Heat Production Equipment; Malfunction Of	8	7	7	16	13	12
High Wind					4	5
Impairment; Mental/Physical/Drug/Alcohol				2	1	1
Leak, Break, Part Failure	12	16	16	11	13	13
Lightning	10	15	10	10	5	12
Maintenance, Lack Of; Worn Out	9	9	8	12	10	23
Malicious Mischief (Investigator Use Only)		1			3	
Matches - Adults, Improper Use Of	6	5	11	7	6	9
Matches - Children Playing With, Smoking	5	12	6	5	5	3
Open Burning; Legal or Illegal	39	31	32	48	66	59
Rekindle from Previous Fire	2	4	1	3	2	4
Smoking (Not Due to Falling Asleep)	48	30	27	38	52	63
Spontaneous Heating	7	14	5	13	4	11
Suspicious; Insufficient Info to Classify Further	32	40	57	36	43	48
Thawing			1			1
Under Investigation (Investigator Use Only)	15	15	5	6	5	15
Undetermined (Investigator Use Only)	13	25	25	30	25	34
Unknown, Dumpsters, Grass Fires Without Suspects	84	111	62	132	141	128
Not Available	15	28	10	31	7	
Total	**581**	**623**	**546**	**680**	**703**	**783**

Structure Fires

Quick look:

SFIR Exposures by Property Use	2013	2014	2015	2016	2017	2018
Commercial	27	21	24	13	21	26
Industrial	4	2	1	1	1	2
Institution	2	3		6	5	4
Multi Family	49	32	38	41	42	46
Other Residential	2	4	5	2	2	6
Single Family	83	100	76	86	87	141
Not Available	9	11	9	10	1	
Total	**176**	**173**	**153**	**159**	**159**	**225**

SFIR Top 10 Area of Origin	2013	2014	2015	2016	2017	2018
Kitchen, Cooking Area	41	41	37	41	37	48
Ext Balcony, Open Porch	11	7	6	8	9	37
Bedroom - Residential	16	20	20	13	4	18
Garage, Carport	5	11	3	2	9	15
Attic Space				5	3	13
Living Room - Residential	10	7	7	9	7	10
Storage Area Not Classified	4	3	4	5	8	9
Exterior Wall Surface	3	3	4	7	5	6
Exterior Exposed Surface	4	9	8	1	11	6
Laundry Room or Area	12	7	3	4	7	2

SFIR Top 10 Ignition Factors	2013	2014	2015	2016	2017	2018
Electrical Short, Fault, Malfunction	27	25	26	25	24	32
Cooking Unattended (Not Due to Falling Asleep)	28	24	21	24	20	30
Smoking (Not Due to Falling Asleep)	12	8	8	11	26	23
Exposure	2	2	4	0	4	20
Combustibles too Close to Heat	16	15	14	17	17	19
Arson/Incendiary	19	15	17	11	12	19
Undetermined (Investigator Use Only)	3	13	10	12	7	13
Heat Production Equipment; Malfunction Of	3	5	2	5	7	5
Falling Asleep; Smoking in Bed and Cooking Included	2	4	2	1	4	6
Disposal of Hot Ashes or Coal	4	4	2	4	4	4

SFIR Top 10 Contributing Factors	2013	2014	2015	2016	2017	2018
Careless Act	64	43	37	34	59	69
Electrical/Mechanical; Insufficient Information to Classify Further	16	18	16	11	13	22
Unable to Report	5	15	9	6	10	10
Acts or Omission; Insufficient Information to Classify Further	15	20	15	12	8	17
Under Investigation	11	13	8	2	6	11
Maintenance Inadequate	4	3	5	6	6	5
Building Construction; Insufficient Information to Classify Further	3	1	1	0	3	5
Lightning	1	2	5	4	4	4
Gas: Natural		1		0	3	2
#N/A	8	10	20	31	4	

Grass Fires

Quick Look

GFIR Area of Origin	2013	2014	2015	2016	2017	2018
Lawn, Field, Open Area	89	78	54	84	102	110
Wildland Area, Woods	20	23	16	38	60	53
Undetermined or Not Reported	8	9	5	9	10	15
Exterior Exposed Surface	3	2	3	4	5	8
#N/A	1	1	2	8	3	2
Highway, Public Way, Street	3	3	5	6	9	2
Court, Terrace, Patio	4	3		1	1	1
Electronic Equip Room or Area				1	1	
Kitchen, Cooking Area			1		1	
Switch Gear, Transformer Vault					1	

GFIR Top 10 Ignition Factors	2013	2014	2015	2016	2017	2018
Unknown, Dumpsters, Grass Fires Without Suspects	34	42	24	53	72	58
Open Burning; Legal or Illegal	18	14	11	25	28	30
Arson/Incendiary	11	10	9	12	15	28
Suspicious; Insufficient Information to Classify Further	14	8	15	8	12	23
Smoking (Not Due to Falling Asleep)	22	11	4	9	9	21
Undetermined (Investigator Use Only)	2	3	3	6	6	8
Fireworks		4	1	7	10	2
Electrical Short, Fault, Malfunction	5	4	3	7	9	2
Cooking Unattended (Not Due to Falling Asleep)		1	2	3	5	2
Combustibles too Close to Heat		2	1	2	5	1

GFIR Top 10 Contributing Factors	2013	2014	2015	2016	2017	2018
Careless Act	36	26	16	36	56	51
Acts or Omission; Insufficient Information to Classify Further	28	32	20	33	51	54
Unable to Report	20	20	23	24	32	42
Natural Conditions; Insufficient Information to Classify Further	4	4	3	2	10	4
Electrical/Mechanical; Insufficient Information to Classify Further	2	2	2	7	5	4
Humidity: Low	3	1	1	4	4	6
Juvenile Activity	2	2	5	0	4	3
Poor Access for Firefighters		1	2	3	5	1
Wind (Including Tornadoes)	4	5	4	4	5	
#N/A	6	4	3	21	5	

Brush Truck Responses by Still District

2018	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	S8	OOT	Total
B03	18	3	41	26	16		1		3		3		7				1		1	1	1	1	2	11	**136**
B05		3	12	3	46		1	1	2	1			8			2	1	1					3	2	**86**
B06	1	7				9	6		3	4				1						1			1	5	**38**
B07						2	16	18			6						3	1			2		2	2	**52**
B10				1		2	4	1	1	7		1		2	1		2							4	**26**
B11	1			6			2	6	1		31					3	1	1					5	8	**65**
B12		2							2			18		2	1		3	3		1	1	1		8	**42**
B13	3		7	9	13		1	2	1	1	1		28			1	3				1		2	1	**74**
B14	1		1		1	1		1		2		1		6			1	1		1	1			1	**19**
B15								1	2	1	1			1	9		2		2	1	4			1	**25**
B16	3	2		12	2	1	3	3	4	2	4		4			11	3	1		1	2		5	11	**74**
B17				1			4	1									17		1		5			5	**34**
B18				1	1			2	2		1	2	1				2	10					1	3	**26**
B19				1	1		2	1		1	1		1		4	1	3	1	3	1	3	1	1	7	**33**
B20	1						1	1					1	2						7	2		1	3	**19**
B21								1	1	1					2		1				16			5	**27**
B22				1			1		1	1	1		1	1				1		1		9	2	3	**23**
Total	**28**	**17**	**61**	**61**	**80**	**15**	**42**	**39**	**23**	**21**	**49**	**22**	**51**	**15**	**17**	**18**	**43**	**20**	**7**	**15**	**38**	**12**	**25**	**80**	**799**

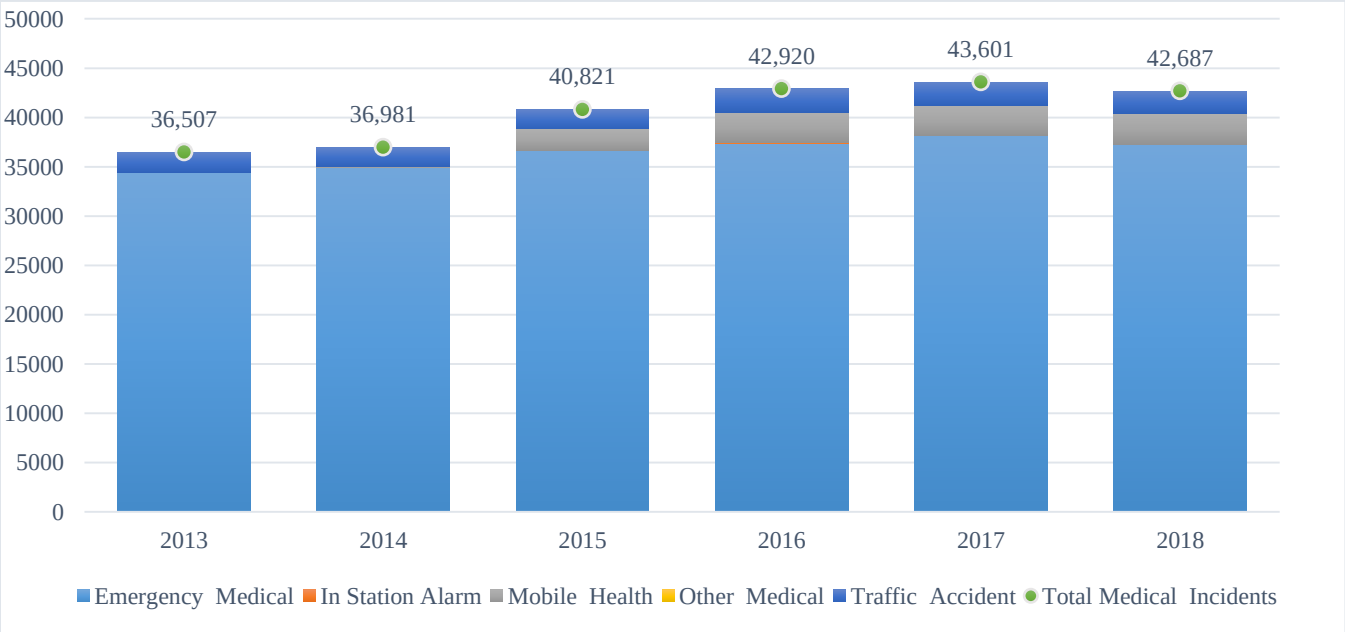
Wildland Responses by Still District

2018	1	2	3	4	5	6	7	8	9	10	11	12	13	14	16	17	18	21	S8	OOT	Total
W04	12		7	26	1		1	1	2		10		2		6	1		1	5	14	89
W09		4	1	1	4	1	2		16	1	2	1	1	2	1	2	1		1	4	45
Total	**12**	**8**	**8**	**27**	**5**	**1**	**2**	**1**	**18**	**1**	**2**	**1**	**1**	**2**	**7**	**3**	**1**	**1**	**6**	**18**	**134**

Medical

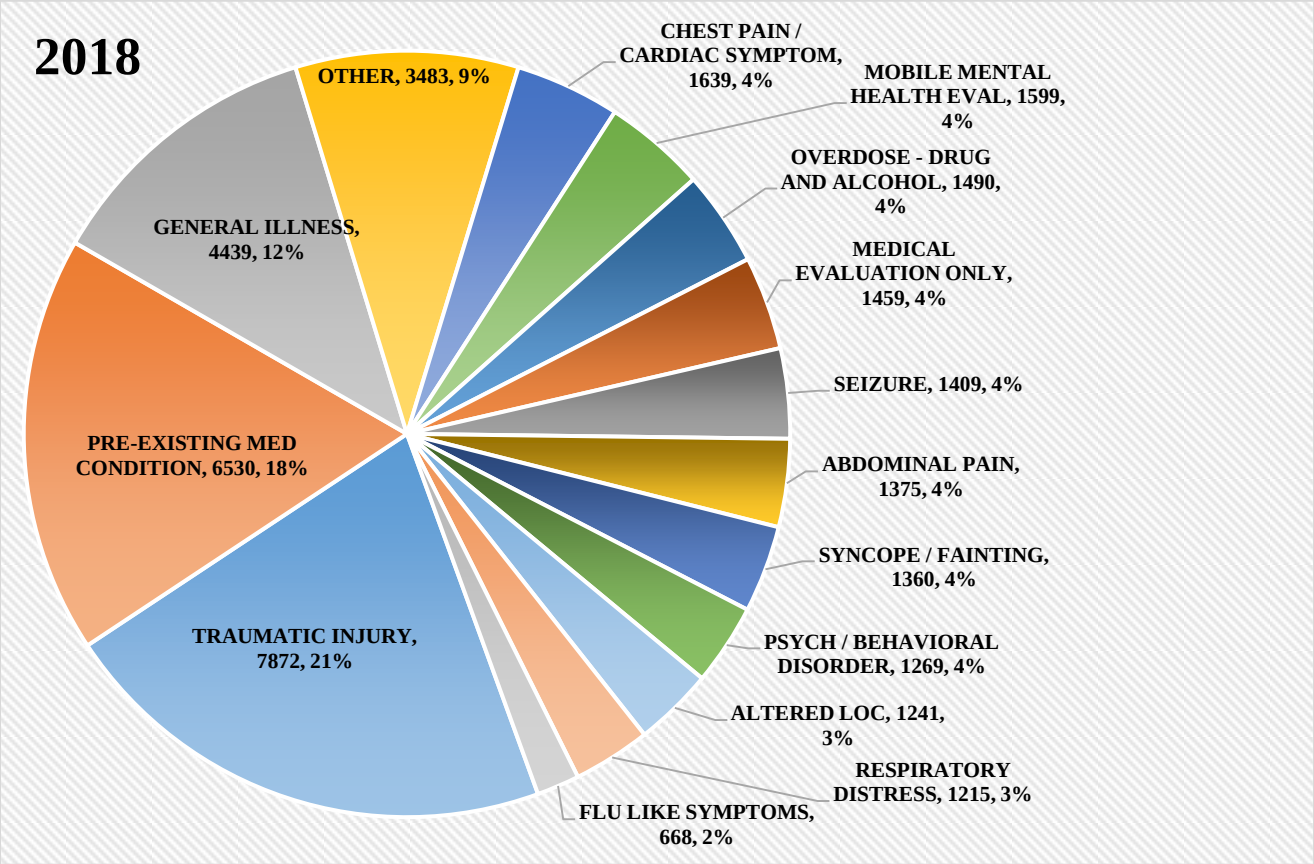
Incident Overview

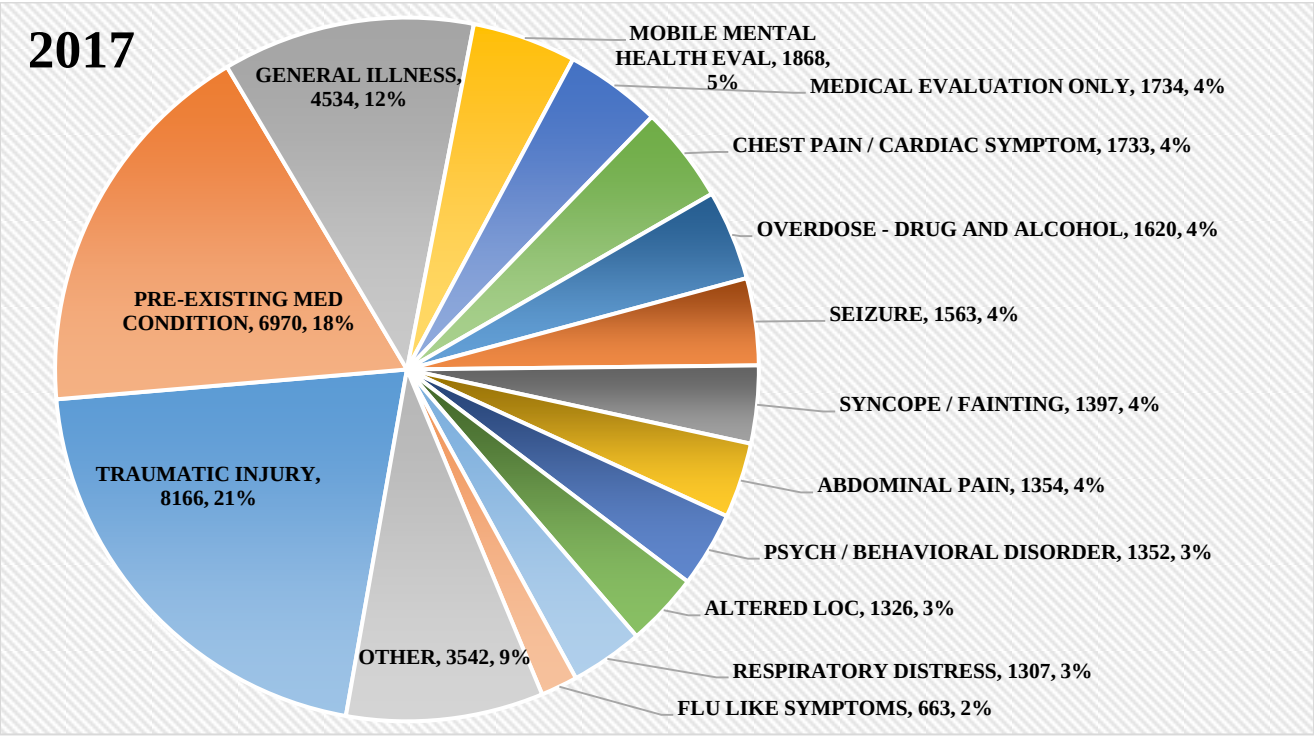
Situations Found							
Year	Emergency Medical	In Station Alarm	Mobile Health	Other Medical	Traffic Accident	Total Medical Situations	Patients
2013	34,493	12		19	2,062	36,586	33,111
2014	34,974	11	126	10	1,953	37,074	33,255
2015	36,674	41	2,203	14	2,001	40,933	37,151
2016	37,380	89	3,028	21	2,402	42,920	38,898
2017	38,147	45	3,028	13	2,368	43,601	39,129
2018	**37,277**	**31**	**3,128**	**18**	**2,233**	**42,687**	**37,048**



Medical Action Taken	2013	2014	2015	2016	2017	2018
OTHER	4	20	3	5	2	5
ALS	11,188	11,491	12,780	13,668	13,760	13,211
BLS	21,919	21,744	24,368	25,225	25,367	23,832
Grand Total	**33,111**	**33,255**	**37,151**	**38,898**	**39,129**	**37,048**

Primary Assessments





Primary Assessments

Primary Assessment	2013	2014	2015	2016	2017	2018
Not Available	5	22	5	11	2	8
Abdominal Pain	1368	1413	1573	1494	1354	1375
Airway Obstruction	84	86	107	102	124	90
Allergic Reaction	226	210	254	261	265	257
Altered Loc.	1890	1624	1591	1351	1326	1241
Birth (For Neonate Only)	21	13	20	23	17	14
Burns	35	34	24	41	54	47
Cardiac Arrest (Medical)	381	353	349	379	390	437
Cardiac Arrest (Trauma)	17	12	21	20	25	25
Cardiac Dysrhythmia	209	212	230	258	276	284
Chest Pain / Cardiac Symptom	1410	1491	1514	1546	1733	1639
Diabetic Symptom	440	523	493	510	583	597
Do Not Resuscitate	28	17	21	32	19	16
Electrocution	17	29	26	14	35	22
Exacerbation of Pre-Existing Med Condition	5516	6046	6839	6841	6970	6530
Flu Like Symptoms	787	789	684	686	663	668
General Illness	3200	3349	3947	4482	4534	4439
Hemorrhaging / Bleeding	370	344	388	412	372	354
Hyperthermia / Environmental	18	11	13	15	9	15
Hypothermia / Environmental	21	31	37	35	27	22
Hypovolemia / Shock	40	32	30	26	26	34
Inhalation Injury (Toxic Gas)	21	32	30	37	20	14
Medical Eval Only No Obvious Injury	1712	1798	1980	1947	1734	1459
Mobile Mental Health Eval		92	1417	1942	1868	1599
Ob Delivery (For Maternal Only)	43	51	59	51	63	43
Obvious Death / DOA	295	333	333	417	390	349
Overdose - Drug and Alcohol				1310	1620	1490
Poisoning	1088	998	1168	263	93	85
Pregnancy Complications	146	135	148	121	121	121
Psych / Behavioral Disorder	1614	1456	1394	1343	1352	1269
Respiratory Arrest	25	39	44	26	25	33
Respiratory Distress	1306	1310	1265	1174	1307	1215
Seizure	1431	1302	1373	1448	1563	1409
Sexual Assault	27	19	17	16	16	19
Stings / Venomous Bites	29	18	37	36	35	31
Stroke / CVA / TIA	405	410	471	498	555	566
Syncope / Fainting	1185	1176	1190	1329	1397	1360
Traumatic Injury	7701	7445	8059	8401	8166	7872
Total	**33111**	**33255**	**37151**	**38898**	**39129**	**37048**

Common Contributing Factors to Primary Assessments

Primary Assessments with contributing factors that occurred over 100 times

Traumatic Injury	3616
Alcohol Intoxication	266
Back Trauma	346
Chest Pain/Non-Cardiac	114
Extremity Pain	181
Extremity Trauma	1167
Facial Trauma	250
General Pain	246
Head Trauma	811
Neck Trauma	235
Pre-Existing Medical Condition	**3457**
Abdominal Pain	232
Alcohol Intoxication	188
Anxiety	459
Back Pain - Non Traumatic	198
Chest Pain/Non-Cardiac	139
COPD	152
Diabetes	166
Difficulty Breathing	337
Dizziness	151
Extremity Pain	111
General Pain	157
General Weakness	281
Hypertension	163
Nausea/Vomiting	180
Preexisting Medical Condition	192
Psychiatric	137
Seizure	214
General Illness	**1722**
Anxiety	157
Chest Pain/Non-Cardiac	123
Difficulty Breathing	126
Dizziness	244
Flu Like Symptoms	101
General Pain	123
General Weakness	360
Nausea/Vomiting	312
Preexisting Medical Condition	176
Respiratory Distress	**488**
COPD	169
Difficulty Breathing	145
Preexisting Medical Condition	174
Overdose - Drug And Alcohol	**463**
Alcohol Intoxication	359
Possible Drug Use	104
Psych / Behavioral Disorder	**368**
Anxiety	198
Psychiatric	170
Abdominal Pain	**322**
Nausea/Vomiting	181
Preexisting Medical Condition	141
Seizure	**320**
Preexisting Medical Condition	191
Seizure	129
Chest Pain / Cardiac Symptom	**276**
Anxiety	135
Preexisting Medical Condition	141
Diabetic Symptom	**251**
Diabetes	127
Hypoglycemia	124
Altered Level Of Consciousness	**206**
Flu Like Symptoms	**180**
Nausea/Vomiting	180
Syncope / Fainting	**103**
Dizziness	103

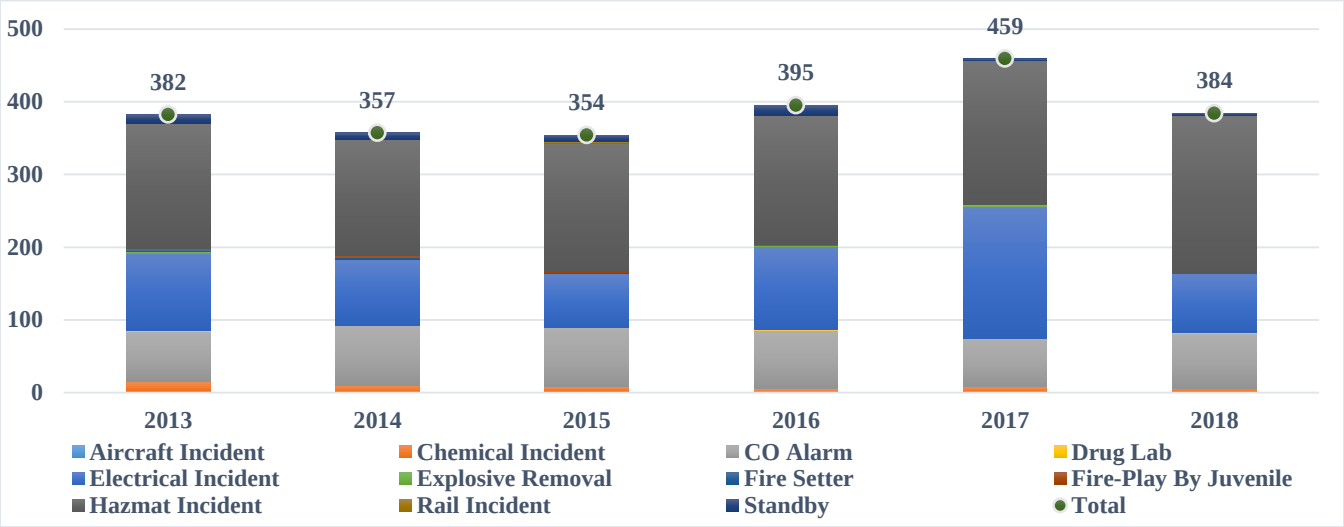
Main Procedures Used

Procedure	2013	2014	2015	2016	2017	2018
ASSISTED WITH PATIENT LOADING	58479	55863	56029	60496	61955	61528
VITAL SIGNS	39427	39004	42738	44904	45608	42922
TERMINATED CARE MEDICAL	32740	32987	36920	38742	39051	37017
PULSE-OX	22205	24520	28616	31813	34022	32838
IV	10713	10526	12252	13400	14031	13338
GLUCOMETER	9778	9903	11556	13124	13258	12499
CARDIAC MONITOR - 12 LEAD	4760	5509	6411	8037	8937	9120
BREATH SOUNDS	5321	5259	5804	6687	6683	6529
CAPNOGRAPHY	2071	2083	2462	2995	4286	6009
REFUSAL - FOLLOWING STANDING ORDERS	3388	2957	2718	2648	5804	5838
CARDIAC MONITOR	5944	5431	5749	5526	5430	4767
OXYGEN	9944	7224	5488	5228	5140	4616
SPINAL IMMOBILIZATION	0	0	0	900	2019	1801
ZOFRAN	920	1092	1284	1540	1854	1783
BEFAST	0	0	0	0	638	1427
FENTANYL	1100	1152	1230	1327	1326	1322
EPI 1:10,000	888	854	906	1145	1261	1315
ALBUTEROL	894	1063	1216	1217	1400	1259
CPSSS (C-STAT)	0	0	0	0	904	1258
BLOOD DRAW	0	5	1163	1742	1875	1182
ASPIRIN	1010	968	986	1109	1284	1094
CPR	569	638	637	838	960	1045
BANDAGING	972	994	1109	1100	960	884
VERSED	419	364	332	455	378	671
SPLINTING	603	622	745	596	572	591
INTRAOSSEOUS	364	375	394	417	497	544
NARCAN	339	403	520	561	609	543
DEXTROSE	490	564	511	517	596	543
KETAMINE	0	12	138	226	636	491
ATROVENT/ALBUTEROL	246	283	385	381	484	490
PULSARA	0	0	0	108	358	459
AIRWAY NASAL/ORAL	259	352	478	498	452	412
DECADRON	169	217	369	356	425	406
INTUBATION	280	279	346	430	423	396
SUCTIONING	241	245	304	341	365	395
DEFIBRILLATION	235	240	268	318	315	334
NEUROLOGICAL ASSESSMENT	104	172	167	207	220	291
I-GEL	0	0	0	0	165	275
BLEEDING CONTROL	0	0	0	0	223	252
NORMAL SALINE	127	127	126	142	179	238
SPINAL IMMOBILIZATION, ASSISTING WITH	9565	6362	4258	3196	213	223
CPAP	112	126	171	211	252	203
RESTRAINTS	278	232	260	237	241	200
NITROGLYCERINE	886	733	606	533	281	162
BENADRYL	138	130	169	225	158	138
GLUCTOSE - ORAL	148	155	185	167	127	133
EPI 1:1,000	43	48	89	84	90	124
AMIODERONE	21	33	58	88	94	111
REFUSAL	614	455	546	753	242	98
COLD PACK	117	135	152	128	105	97
CONTROL BLEEDING	130	215	238	195	134	96
ADENOCARD	97	66	99	89	79	92
POC TESTING - URINE	0	31	203	207	128	87

Hazardous Conditions

Incident Overview

Situation Found Type	2013	2014	2015	2016	2017	2018
Aircraft Incident			1			**1**
Chemical Incident	15	10	7	5	8	**5**
CO Alarm	69	82	82	80	66	**75**
Drug Lab	1			1		**2**
Electrical Incident	106	91	73	115	181	**80**
Explosive Removal	3		1	1	3	
Fire Setter	2	4	1	1		
Fire-Play by Juvenile	2	1	2		1	**1**
Hazmat Incident	172	160	176	178	197	**217**
Rail Incident			2			
Standby	12	9	9	14	3	**3**



Electrical Incidents

Incidents	2013	2014	2015	2016	2017	2018
Haz-Arching, Shorted Electrical Equipment	77	69	48	87	69	52
Haz-Power Line Down	25	16	20	22	103	24
Total	**102**	**85**	**68**	**109**	**172**	**76**

Hazmat Incidents

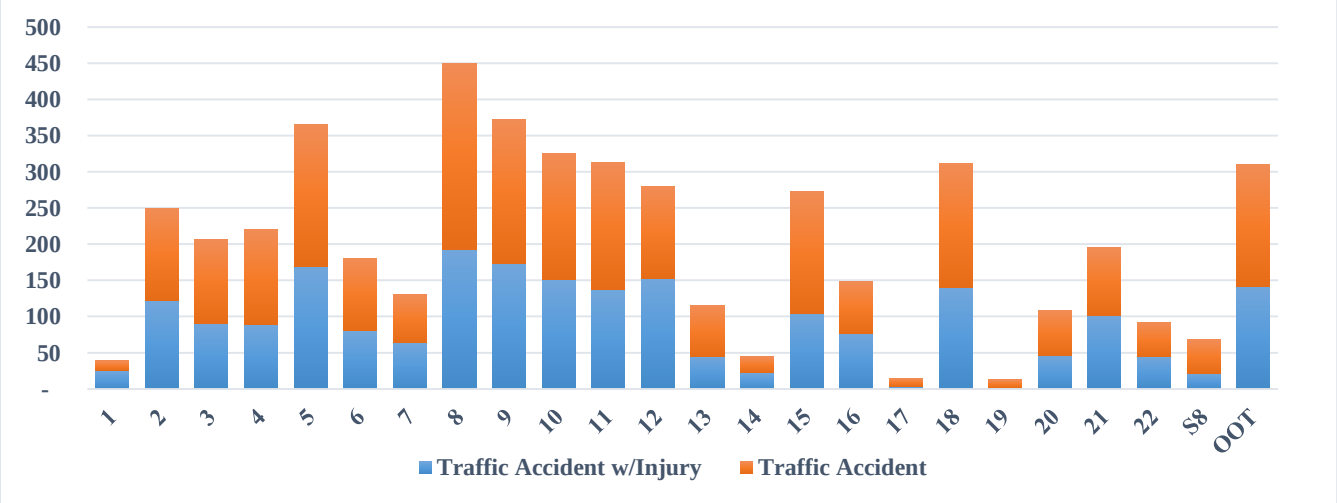
Incidents	2013	2014	2015	2016	2017	2018
Hmt-Fuel Spill (Gasoline / Diesel)	45	38	46	47	44	45
Hmt-Spill, Leak (Gases Only)	73	61	82	91	122	127
Hmt-Spill, Leak (Liquids Only)	30	35	22	38	31	28
Total	**148**	**134**	**150**	**176**	**197**	**155**

Rescue

Incident Overview

Situation Found	2013	2014	2015	2016	2017	2018
Entanglement	5	13	8	13	25	15
Extrication	12	14	14	15	16	12
Lock-In	81	73	72	74	80	95
Rescue	1	1	4	6	5	2
Rescue Collapse	18	37	43	54	43	35
Rescue High Angle	14	5	7	7	3	5
Rescue Ice	40	36	54	56	53	57
Rescue Water	22	3	14	17	10	10
Traffic Accident[1]	2282	2662	2821	2764	2534	2648
Grand Total	**2475**	**2844**	**3037**	**3006**	**2769**	**2879**

Traffic Accident



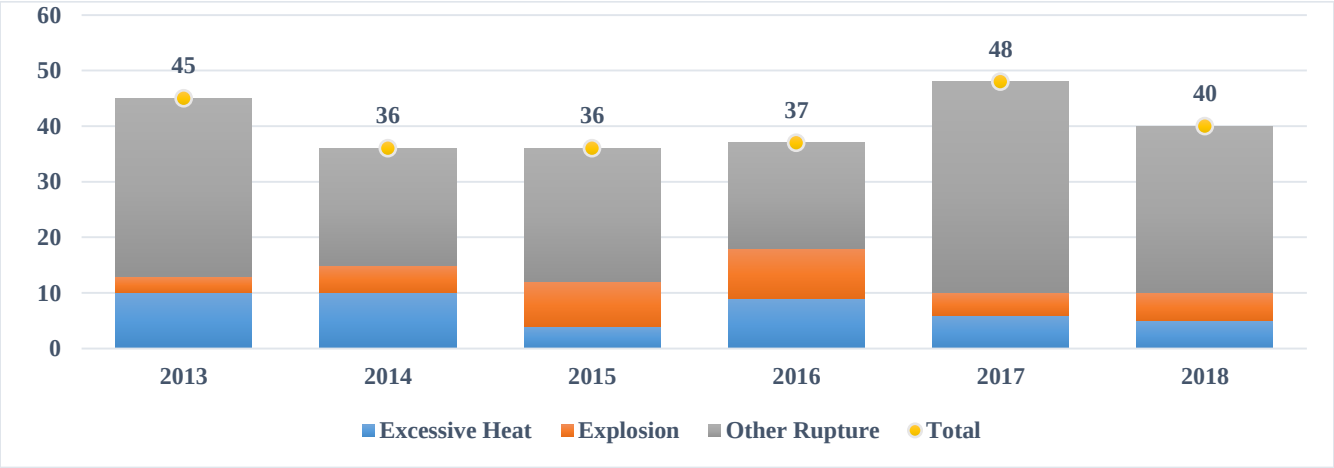
Incidents	2013	2014	2015	2016	2017	2018
Med-Traffic Accident with Injury	2035	1912	1960	2348	2354	2627
Service Call-Traffic Accident Non-Injury	2173	2565	2698	2640	2482	2200
Grand Total	**4208**	**4477**	**4658**	**4988**	**4836**	**4827**

[1] Traffic Accidents without Injury were moved to the Rescue Category from Service Calls so that incidents were more aligned with NFIRS. This caused a noticeable reduction in Service Calls and increase in Rescues.

Over-Pressure / Rupture

Incident Overview

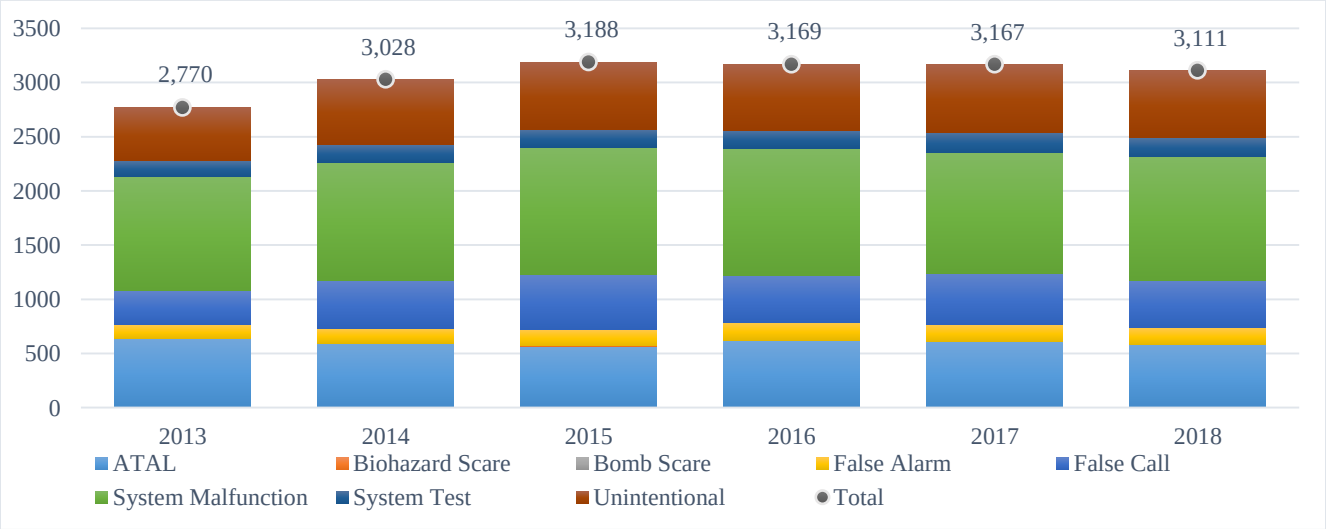
Situation Found	2013	2014	2015	2016	2017	2018
Excessive Heat	10	10	4	9	6	5
Haz-Excessive Heat	10	10	4	9	6	5
Explosion	3	5	8	9	4	5
Fire-Explosion, No After-Fire	3	5	8	9	4	5
Other Rupture	32	21	24	19	38	30
Haz-Air, Gas Rupture (Gases Only)	26	20	19	14	36	29
Haz-Over-Pressure Rupture Unclassified	3	1	3	1	2	
Haz-Steam Rupture			1			
Over-Pressure Rupture Unclassified	3		1	4		1
Grand Total	**45**	**36**	**36**	**37**	**48**	**40**



False Alarm

Incident Overview

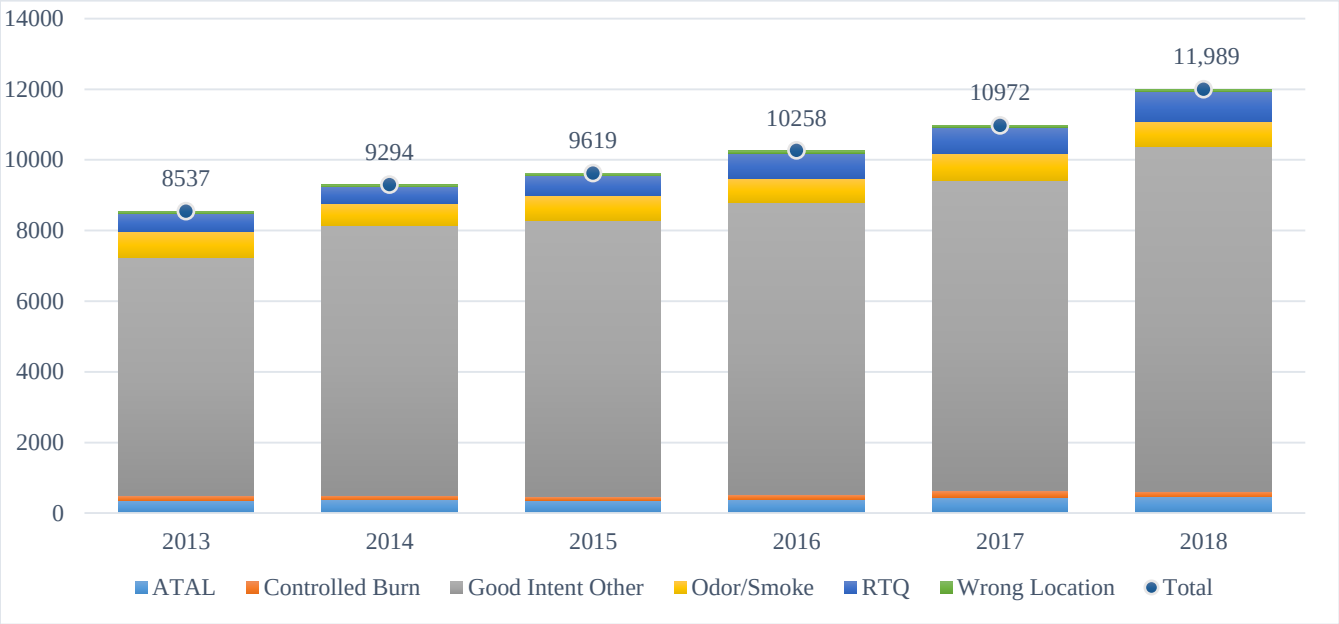
Situation Found	2013	2014	2015	2016	2017	2018
ATAL	**635**	**595**	**569**	**604**	**588**	**582**
ATAL-Detector Operated Due to Particle Contamination	311	346	364	381	395	388
Service Call-Automatic Fire Alarm Sounding (No Fire)	324	249	205	223	193	194
Biohazard Scare			**1**	**3**		
False-Biohazard Scare			1	3		
Bomb Scare	**1**	**2**	**2**		**2**	
False-Bomb Scare, No Bomb	1	2	2		2	
False Alarm	**130**	**138**	**150**	**159**	**148**	**154**
ATAL-System Vandalized	4	2	3	4	3	9
False-Residential Smoke Detector Sounding (Malfunction)	126	136	147	155	145	145
False Call	**314**	**440**	**509**	**408**	**468**	**440**
ATAL-Malicious, Mischievous False Call	43	68	61	53	72	57
False-Call Not Classified Above	221	313	398	321	343	329
False-Malicious Mischievous False Call	50	59	50	34	53	54
System Malfunction	**1055**	**1091**	**1172**	**1140**	**1101**	**1,141**
ATAL-System Malfunction - Discharged (Automatic)	62	66	69	53	51	58
ATAL-System Malfunction - Lightning / Power Surge	24	28	51	45	31	24
ATAL-System Malfunction - Unknown Cause	624	623	645	664	651	695
False-Automatic Co Alarm Sounding (Malfunction)	248	243	277	231	276	246
System Malfunction	97	131	130	147	92	118
System Test	**142**	**161**	**163**	**158**	**186**	**173**
ATAL-Alarm Testing - Failed to Notify Alarm Co.	127	145	145	147	167	152
ATAL-System Flow Testing - Failed to Notify Alarm Co.	15	16	18	11	19	21
Unintentional	**493**	**601**	**622**	**588**	**601**	**621**
ATAL-Accidental Pull Station Activation	201	222	256	207	222	242
ATAL-Accidental System Discharge (By Occupant)	130	172	159	150	149	187
Unintentional	162	207	207	231	230	192
Total	**2770**	**3028**	**3188**	**3169**	**3167**	**3111**



Good Intent

Incident Overview

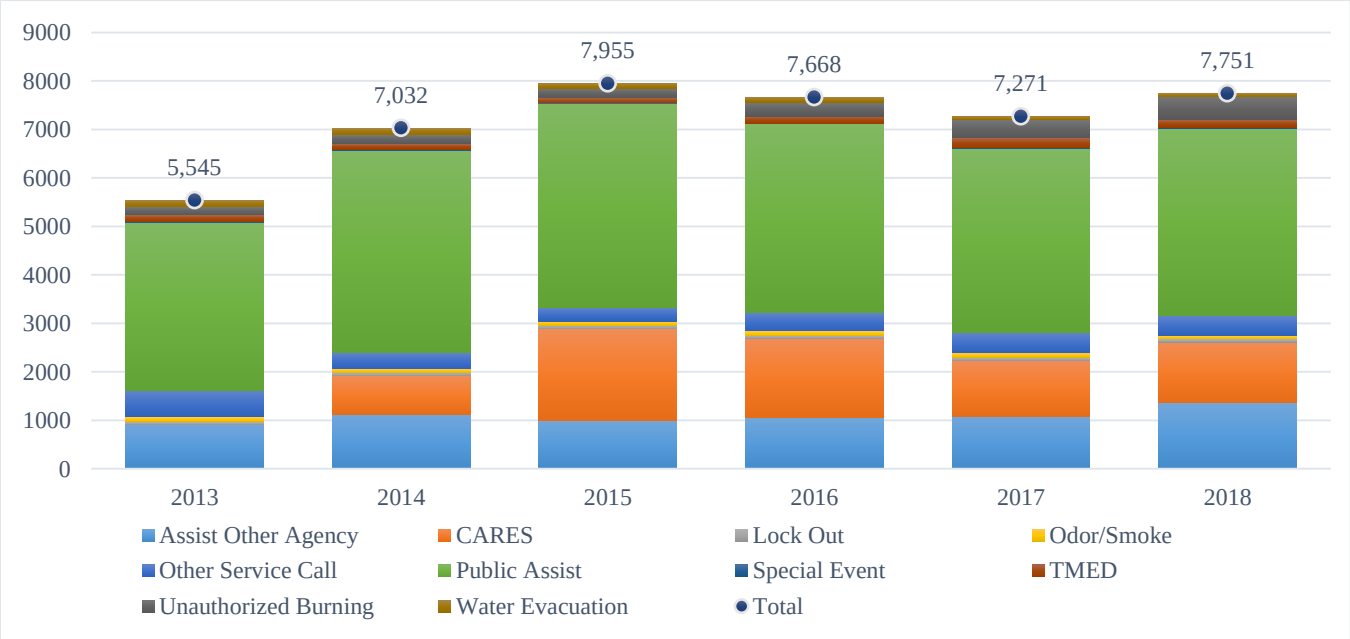
Situation Found	2013	2014	2015	2016	2017	2018
ATAL	**357**	**379**	**364**	**389**	**443**	**462**
ATAL-Smoke Conditions Only - No Fire	240	258	273	287	341	338
Residential Smoke Detector Sounding (No Fire)	86	89	66	76	90	92
Good Intent-Vicinity Alarm	31	32	25	26	12	32
Controlled Burn	**130**	**117**	**95**	**131**	**181**	**146**
Controlled Burning	39	36	24	38	63	60
Good Intent-Controlled Burning	91	81	71	93	118	86
Good Intent Other	**6734**	**7631**	**7833**	**8276**	**8797**	**9759**
Good Intent - Biohazard Scare	5	1	1	5	3	2
Good Intent-Not Classified Above	6729	7630	7832	8271	8794	9757
Odor/Smoke	**761**	**646**	**690**	**680**	**765**	**724**
Good Intent-Steam, Other Gas Mistaken for Smoke	97	77	74	68	53	58
Service Call-Smoke, Odor Condition	664	569	616	612	712	666
RTQ	**497**	**466**	**559**	**711**	**738**	**847**
Good Intent-RTQ Prior to Arrival	497	466	559	711	738	847
Wrong Location	**58**	**55**	**78**	**71**	**48**	**51**
Good Intent-Wrong Location	58	55	78	71	48	51
Total	**8537**	**9294**	**9619**	**10258**	**10972**	**11989**



Service Call

Incident Overview

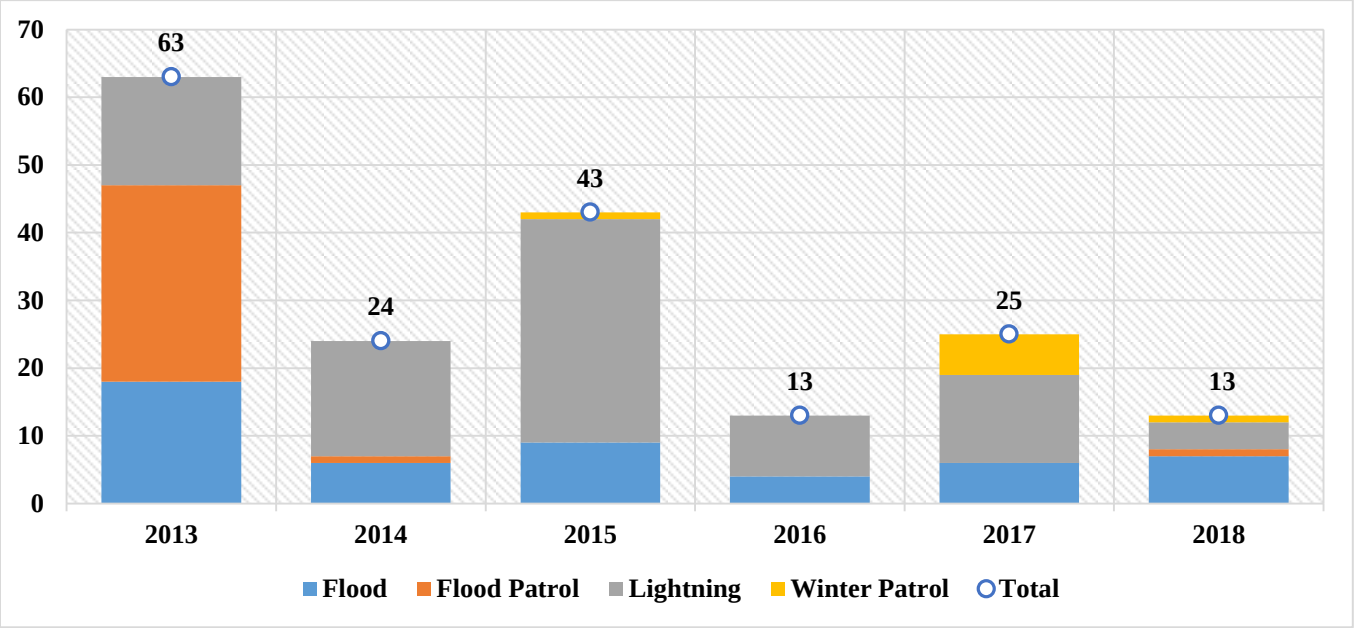
Situation Found	2013	2014	2015	2016	2017	2018
Assist Another Agency	**915**	**1113**	**1008**	**1067**	**1089**	**1362**
CARES	**2**	**809**	**1878**	**1623**	**1144**	**1254**
Lock Out	**61**	**68**	**77**	**65**	**68**	**67**
Odor/Smoke	**93**	**76**	**84**	**91**	**91**	**75**
Service Call-Smoldering Food (No Ignition)	93	76	84	91	91	75
Other Service Call	**537**	**334**	**286**	**376**	**413**	**397**
Cover Assignment Standby, Move-Up	3	2	7	7	2	7
Service Call-Move-Up to Non-City Fire Station	2			1	2	2
Service Call-Not Classified Above	532	332	279	368	409	388
Public Assist	**3475**	**4174**	**4199**	**3897**	**3811**	**3875**
Misc.- Life Safety Inspection	4	2	2	1	3	5
Service Call-Public Assist (No Medical)	3471	4172	4197	3896	3808	3870
Special Event	**25**	**22**	**22**	**15**	**16**	**23**
TMED	**131**	**113**	**103**	**145**	**198**	**155**
Service Call-Tactical Medical Response Operations	122	101	90	103	138	139
Service Call-Tactical Medical Standby	9	12	13	42	60	16
Unauthorized Burning	**169**	**185**	**198**	**287**	**375**	**475**
Water Evacuation	**137**	**138**	**100**	**102**	**66**	**68**
ATAL-Water Flow Due to Pipe Break	83	86	55	59	44	45
Service Call-Water Evacuation	54	52	45	43	22	23
Total	**5545**	**7032**	**7955**	**7668**	**7271**	**7751**



Severe Weather

Incident Overview

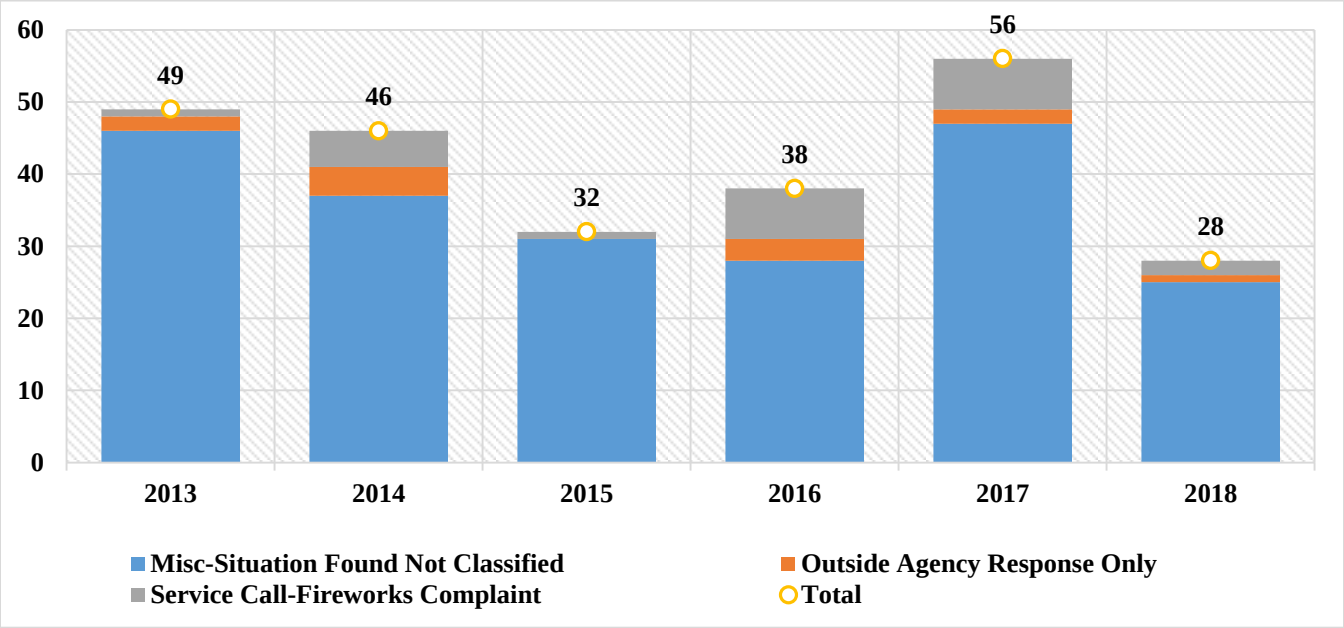
Situation Found	2013	2014	2015	2016	2017	2018
Flood	18	6	9	4	6	7
Flood Patrol	29	1				1
Lightning	16	17	33	9	13	4
Winter Patrol			1		6	1
Total	**63**	**24**	**43**	**13**	**25**	**13**



Other

Incident Overview

Situation Found	2013	2014	2015	2016	2017	2018
Fireworks	**1**	**5**	**1**	**7**	**7**	**2**
Service Call-Fireworks Complaint	1	5	1	7	7	2
Other	**48**	**41**	**31**	**31**	**49**	**26**
Misc.-Type Situation Found Not Classified Above	46	37	31	28	42	25
Outside Agency Response Only	2	4		3	2	1
Total	**49**	**46**	**32**	**38**	**56**	**28**



Mutual Aid

Mutual Aid	2013	2014	2015	2016	2017	2018
RECEIVED	**22**	**39**	**50**	**25**	**24**	**12**
False Alarm	1	3	5	2		
Fire	2		2	5	4	**1**
Good Intent	11	8	9	2	5	**3**
Hazardous Condition		1		1	1	
Medical	8	20	27	10	9	**5**
Other		1				
Rescue		3	3	4	5	**3**
Service Call		3	4	1		
GIVEN	**218**	**274**	**336**	**304**	**302**	**252**
False Alarm	15	9	13	7	6	**5**
Fire	11	9	9	9	12	**19**
Good Intent	21	27	63	29	19	**26**
Hazardous Condition	4	1		2	1	**1**
Medical	132	171	184	138	195	**142**
Other	2	3		4	3	**1**
Over-Pressure Rupture		1		1		
Rescue	8	19	28	19	10	**8**
Service Call	24	34	37	95	56	**50**
Severe Weather	1		2			

Mutual Aid Received

Mutual Aid	2013	2014	2015	2016	2017	2018
Received	**22**	**39**	**50**	**25**	**24**	**12**
(Blank)		1	1	2	1	**2**
Air Force Academy Fire Department		3	3	2	1	
Black Forest Fire Rescue District	1		2		2	
Broadmoor Fire Protection District	8	2	5	2		
Cimarron Hills Fire Protection District					8	**4**
Colorado Centre	1		1			
Colorado State Forest Service						
Donald Westcott Fire Protection District	5	10	9	1		**1**
El Paso County Fire Marshall (E.P.S.O)		1		2		
El Paso County Search & Rescue		1		1		**1**
Ellicott Fire Protection District		1				
Falcon Fire Protection District	1				2	**1**
Fort Carson Fire Department	1	1		1	2	
Highway 115 Fire Protection District			1			
Manitou Springs Volunteer Fire Department						
Northeast Teller County Fire Protection District					1	
NORAD/Cheyenne Mtn. Fire Department	3	17	22	10	4	**1**
Peterson AFB Fire Department	1		1			
Security Fire Protection District			2		3	
State Patrol						
Stratmoor Hills Fire Protection District	1	2	3	3		
United States Forest Service				1		

Mutual Aid

Mutual Aid Given

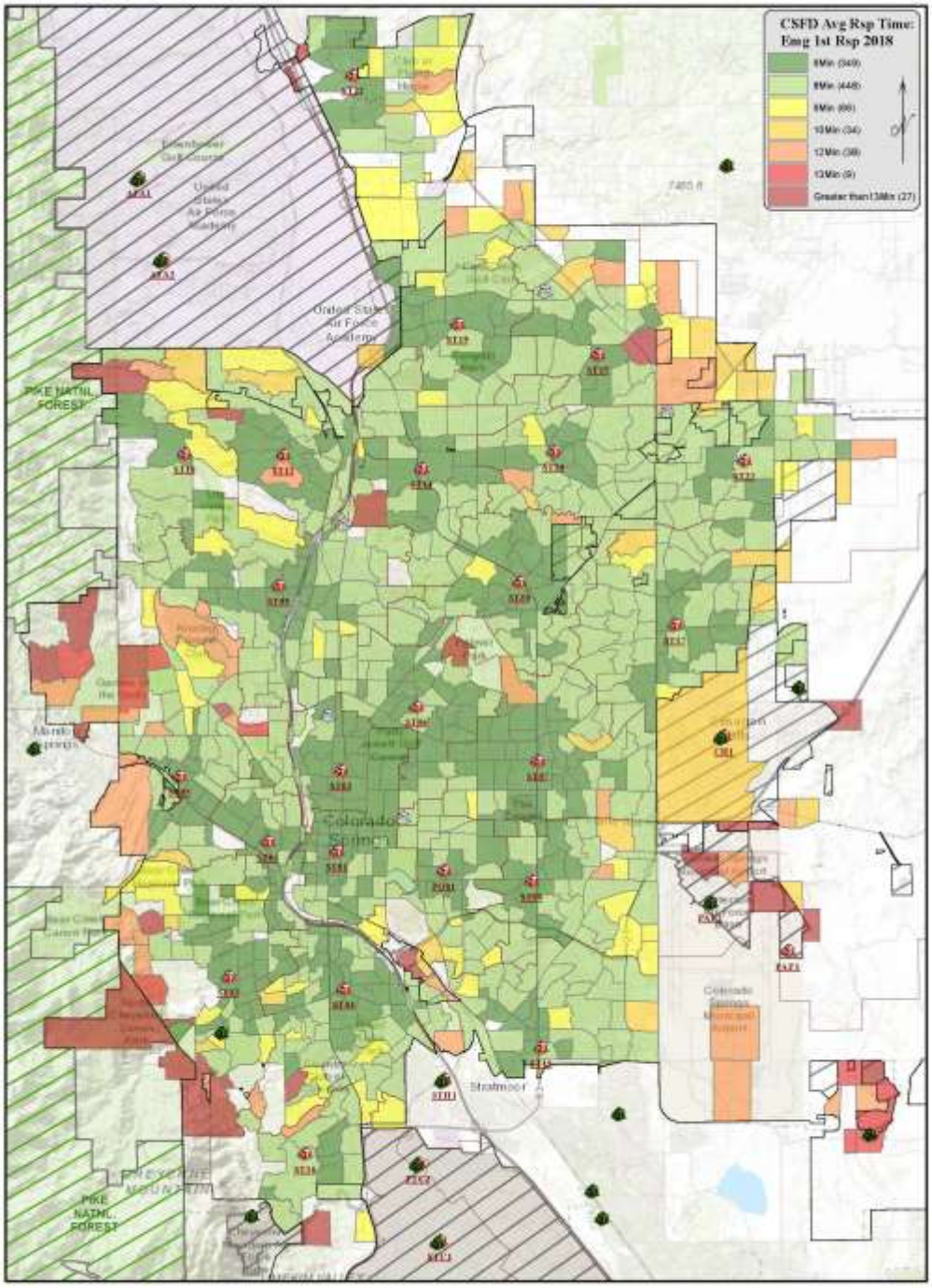
Mutual Aid	2013	2014	2015	2016	2017	2018
Given	**218**	**274**	**336**	**304**	**302**	**252**
(Blank)	119	196	221	222	254	**199**
Air Force Academy Fire Department		13	23	10	1	**2**
Black Forest Fire Rescue District	4	3	2	4	2	**4**
Broadmoor Fire Protection District	29	16	9	6	5	**6**
Calhan Volunteer Fire Department		1		1		
Cimarron Hills Fire Protection District	14	6	3	4	10	**4**
Colorado Centre	5	4	14	18	7	**6**
Colorado State Forest Service						
Crystal Park Volunteer Fire Department		1		1		
Department/Agency Not Specified Above		2		2		**1**
Divide/Florissant Fire Protection District			1			
Donald Westcott Fire Protection District	5	10	17	2		
Edison Volunteer Department						**1**
El Paso County Fire Marshall (E.P.S.O)	2		1	2		**2**
El Paso County Search & Rescue			1	1		
Ellicott Fire Protection District	1		2	1	2	**1**
Falcon Fire Protection District	2	1		3	2	**2**
Fort Carson Fire Department	1		1	4	3	**1**
Fountain Fire Department	2	1	2	1		**1**
Hanover Volunteer Fire Department			1			**3**
Highway 115 Fire Protection District						
Manitou Springs Volunteer Fire Department	5	2	1		3	
NORAD/Cheyenne Mtn. Fire Department	2	3	17	3		
Northeast Teller County Fire Protection District						
Peterson AFB Fire Department	7	3	7	6	3	**3**
Peyton Fire Protection District			1	1		
Security Fire Protection District	1	2	3	4	3	**4**
State Department						**1**
Stratmoor Hills Fire Protection District	16	9	5	6	6	**8**
Tri-County Volunteer Fire Department	1		2			
Tri-Lakes Fire Protection District			2	2	1	**2**
United States Forest Service	2					
Victor Volunteer Fire Department		1				

Appendix

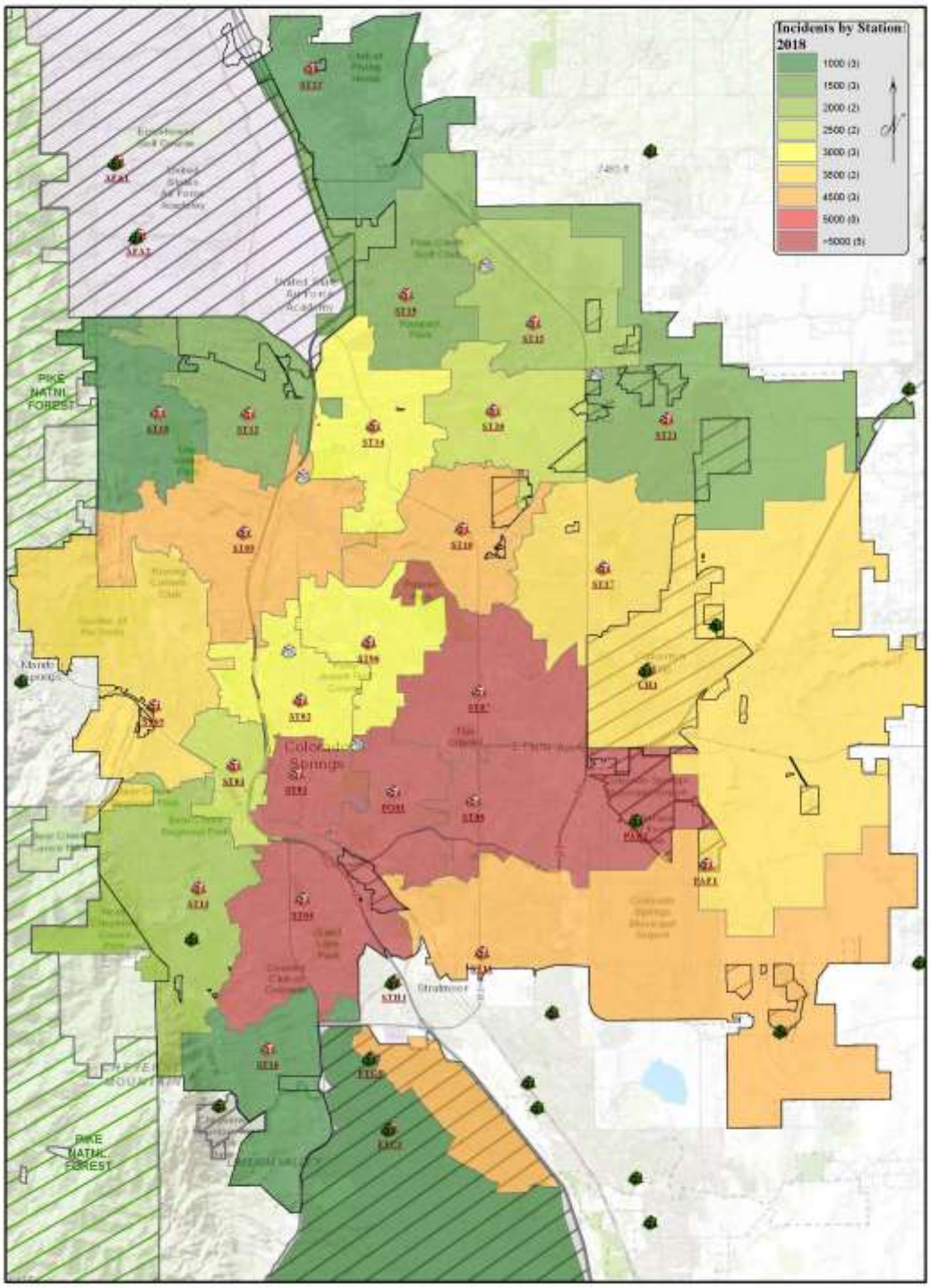
Appendix A: Glossary

12-Minute Structure Fire Response (12-Min SFIR): ERF for structure fires is defined as two engines and one truck all arriving emergent. The goal is to have SFIR ERF arrive at situations within 12 minutes, 90% of the time.
8-Minute First Company Response Coverage (8-Min FCR): Measure is defined as arrival of the first emergent apparatus to incidents within one of the 9 PEZs. The goal is to have the first unit arrive on scene to emergent incidents within 8 minutes, 90% of the time.
Alarm Time: The time the alarm is received by the 911 call center.
Arrival Time: The time the first company arrives to the incident.
ATAL: Automatic Alarm
ATCO: Automatic Alarm - Carbon Monoxide
ATMA: Automatic Alarm - Medical
CAGR: Compound Annual Growth Rate.
CAD: Computer Aided Dispatch
Company Response Time: The difference between dispatched time and arrival time.
Cover: The percentage of time that the fire department meets its response coverage goals.
Dispatched Time: The time a CSFD company is assigned to the call.
ERF: Effective Response Force
Emergent Response Incident: An incident to which the apparatus responded "emergent" (lights and sirens) the entire route. Only incidents where the apparatus responded emergent the entire route are included in response coverage figures.
Fire Demand Zone (FDZ): The smallest geographical unit at which incident rates are measured by the CSFD
First-Due Response Area or Still District: The area to which a station is assigned as the first responding station. If the First-Due station is out of service, the second due station is called, etc.
GFIR: Grass Fire
HAZCND: Hazardous Condition
HZMT: Hazardous Material
Incident: A call received by the Communications Center through 911 to which at least one CSFD apparatus was assigned.
INV: Investigation
MED: Medical
MPDS Category: Medical Priority Dispatch System. A five-digit code and method used to classify and prioritize medical incidents.
MPDS Priority: A ranging value, usually with A being the least emergent category and E being the greatest.
MUA: Mutual Aid
OFIR: Other Fire
Planning Evaluation Zone (PEZ): There are 9 Planning Evaluation Zones in the city. Coverage statistics and standards are often evaluated at both the PEZ and city levels.
RES: Rescue
Response Time: The time between receiving a call and the company is in route and begins traveling towards an incident.
SFIR: Structure Fire
Situation Found: Multiple "situation found" can be identified for an incident. Unless otherwise stated, all tables and graphs are categorized by the primary situation found. (Alternatively, calls may be classified by "CAD Category." These tables are explicitly identified.)
TA: Traffic Accident
TEMS: Tactical Emergency Medical Services
Total Response Time: The difference between alarm time and arrival time.
Turnout Time: The difference between dispatched time and response time.

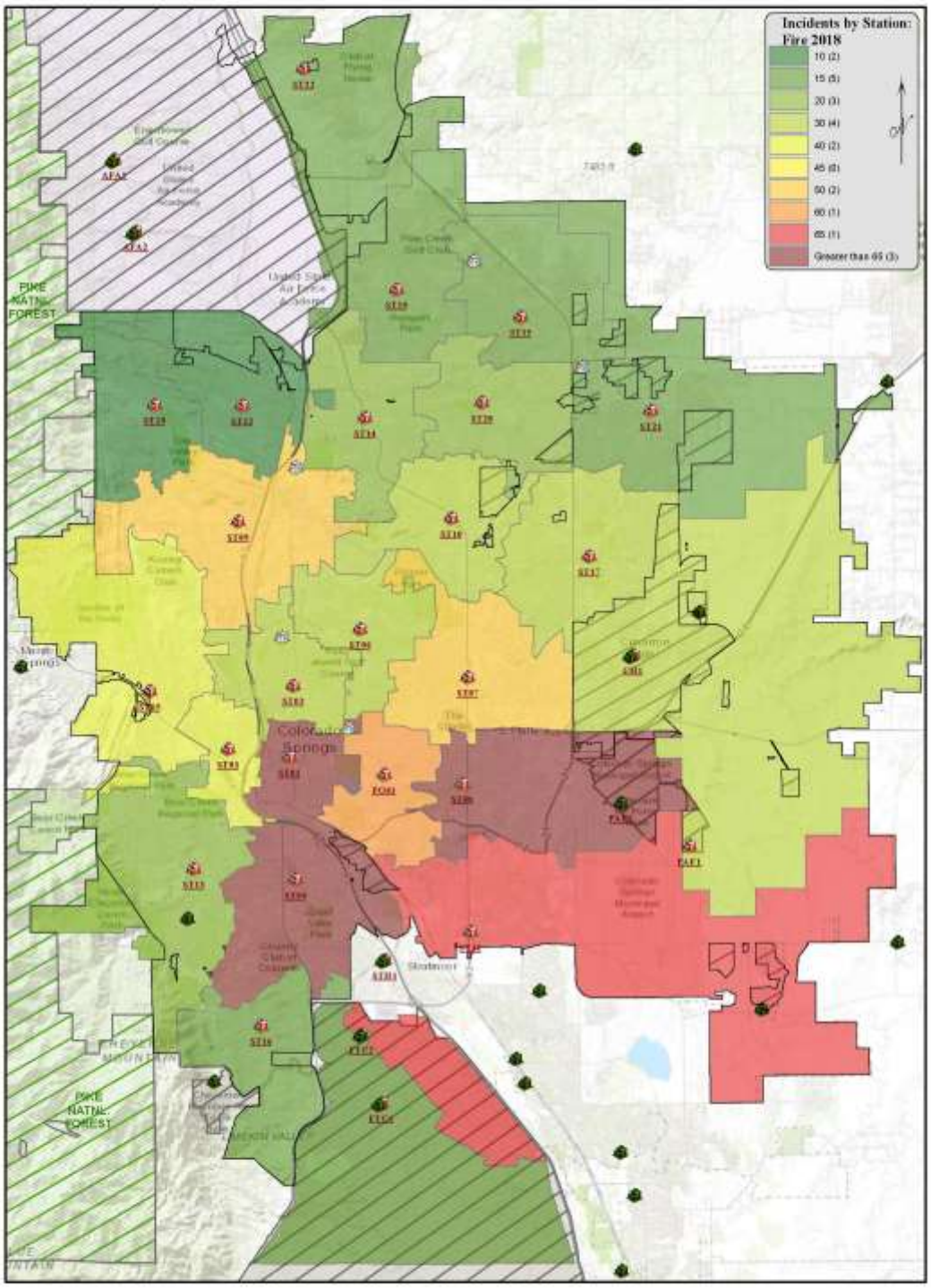
Appendix B: Maps



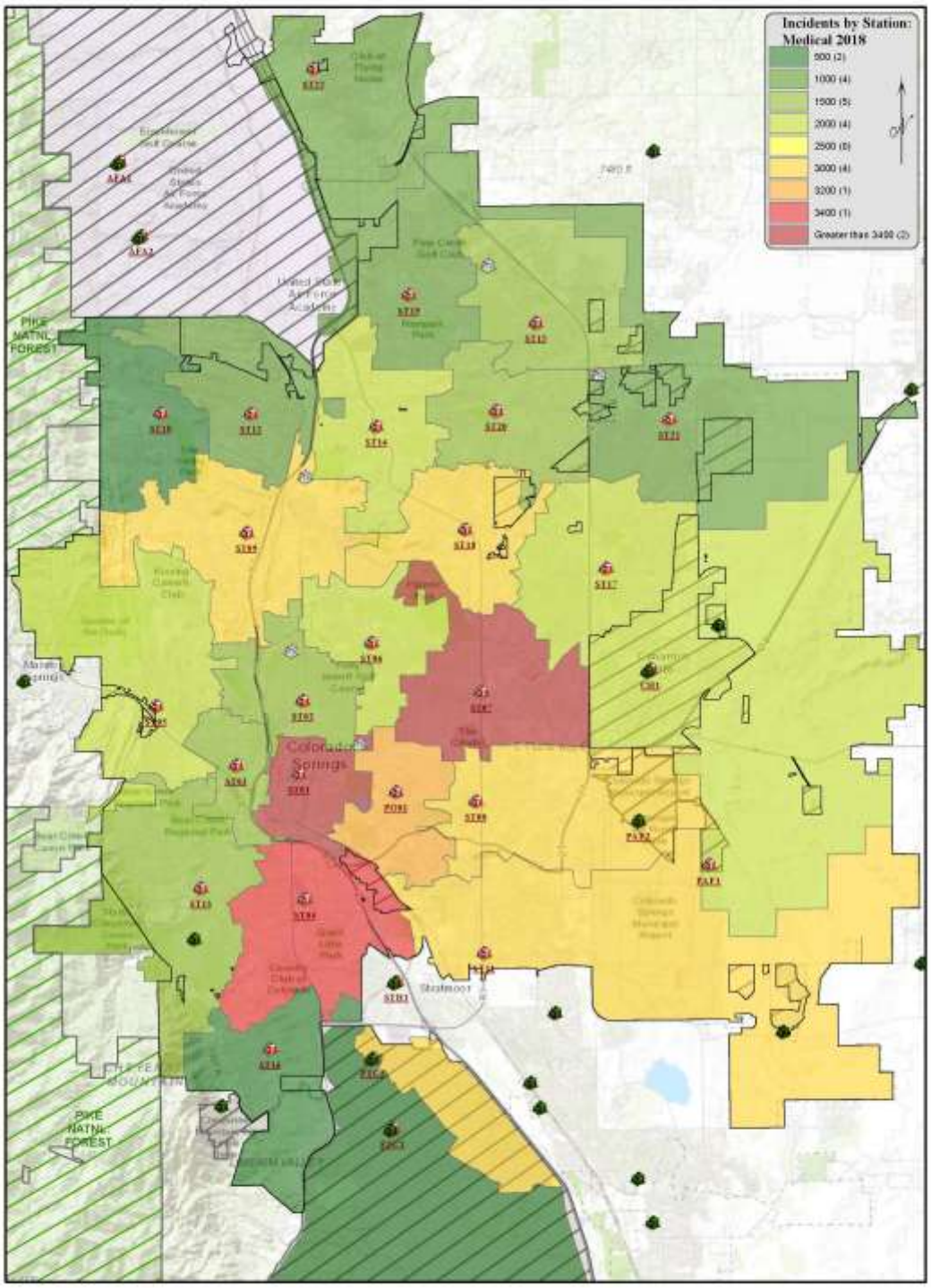
Appendix


Incidents by Station: 2018
1000 (3)
1500 (3)
2000 (2)
2500 (2)
3000 (3)
3500 (2)
4500 (3)
5000 (5)
>5000 (5)
PIKE NATNL FOREST
Colorado Springs
Strasburg
PIKE NATNL FOREST

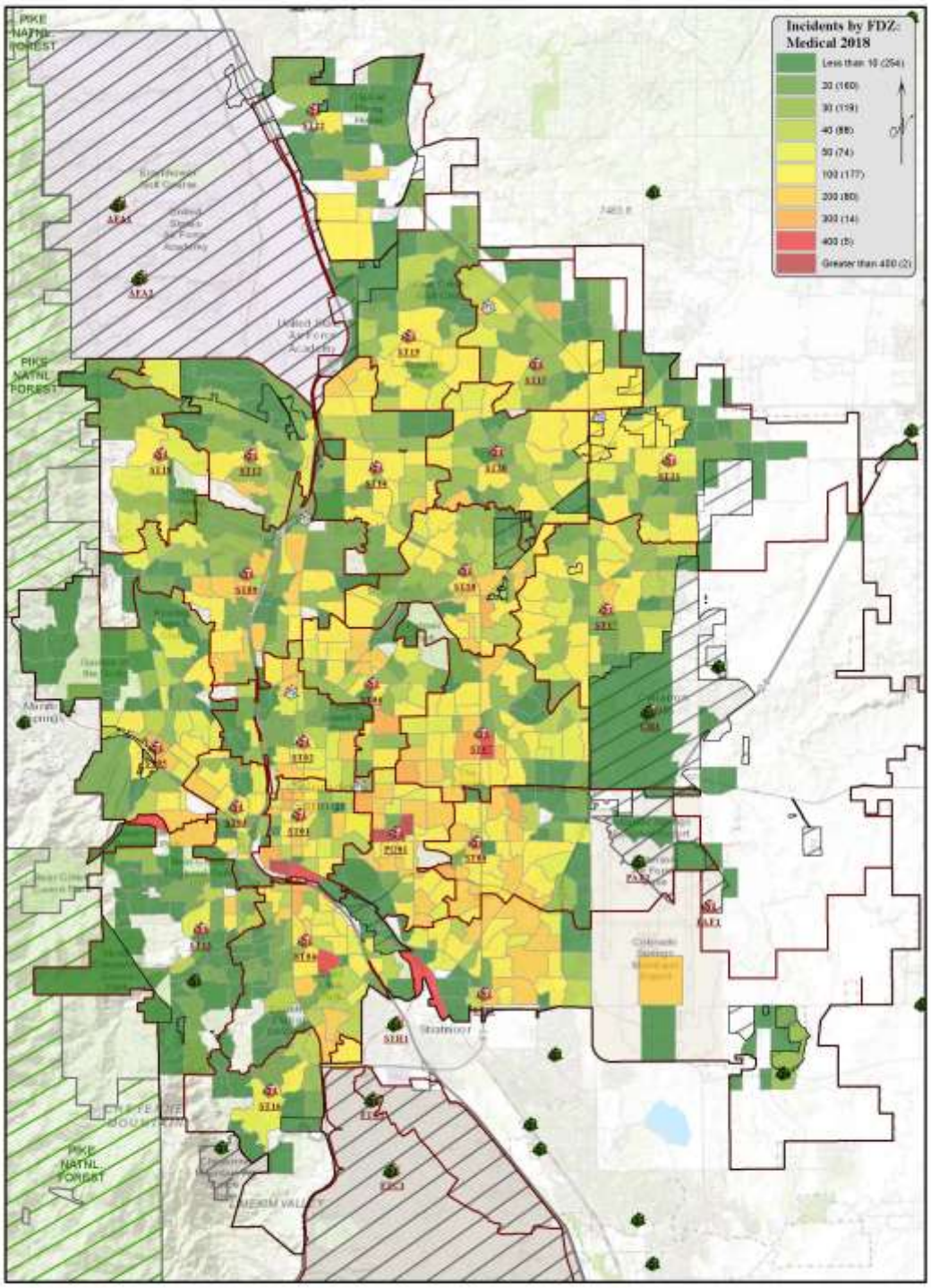
Appendix


Incidents by Station:
Fire 2018
10 (2)
15 (5)
20 (3)
30 (4)
40 (2)
45 (8)
50 (2)
60 (1)
65 (1)
Greater than 65 (3)
PIKE NATIONAL FOREST
Colorado Springs
PIKE NATIONAL FOREST

Appendix


Incidents by Station: Medical 2018
500 (2)
1000 (4)
1500 (5)
2000 (4)
2500 (5)
3000 (4)
3200 (1)
3400 (1)
Greater than 3400 (2)
PIKE NATNL FOREST
Colorado Springs
PIKE NATNL FOREST

Appendix


Incidents by FDZ: Medical 2018
Less than 10 (254)
20 (160)
30 (119)
40 (88)
50 (74)
100 (177)
200 (80)
300 (14)
400 (5)
Greater than 400 (2)
PIKE NATNL FOREST
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Colorado Springs Fire Department

FINANCE, PLANNING, & ANALYSIS

"To provide innovative analytical and planning services and sound financial management to maintain and enhance the Department's ability to protect life and property."

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Report Compiled by CSFD Finance and Planning