

# Boise Fire Metrics Report

2022 Year in Review

### **Definitions**

**90<sup>th</sup> Percentile** - The value where 90% of the data falls below. For example, if the 90<sup>th</sup> percentile for BFD response times is 8:00 minutes, BFD responds to 90% of calls faster than 8:00 minutes.

**Average** – the average set of data that is calculated by dividing the sum of the data by the number of items in the set.

**Boise Response Area -** Boise city limits and contracted areas.

**Boise City Limits** – BFD's response area excluding contracted areas.

**Call volume** – the number of incidents dispatched to a unit regardless of whether the unit went enroute or arrived on scene.

Contract Areas – Whitney, NACFR (Boise), and Sunset response areas.

**Department response time** – The time from department notification to arrival on scene for the first arriving apparatus.

**Effective Response Force** - The Effective Response Force (ERF) is the number of people and apparatus that are necessary for initial attack on a structure fire. Boise Fire has determined its ERF is three engines, one truck, one battalion chief, and one safety officer.

**Emergent calls** - Fire, EMS, hazmat, and explosive incidents with a priority code of P5 - Delta, P6 - DeltaPlus, or P7 - Echo (assigned by dispatch), that were traveled to with lights and sirens. The most common priority response fields in CAD include from lowest to highest priority: Omega, Alpha, Bravo, Charlie, Delta, Delta Plus, and Echo (life threatening).

**Response reliability** - The probability that the engine that is first due in an area will arrive first to incidents in that area. It is a measure of availability and busyness of engine companies.

**Turnout time** – The time from department notification to when the apparatus is enroute.

**Travel time** – The time from when the apparatus is enroute to arrival on scene.

**Wildland urban interface** – The zone of transition between unoccupied land and human development. It is the line, area or zone where structures and other human development meet or intermingle with undeveloped wildland or vegetative fuels.

### **Highlights**

Call Volume in Boise's Response Area

There were 5.05 % more incidents in 2022 than 2021. Call volumes have increased by 15.9% from 2018 to 2022.

From 2018 to 2022 Boise had 16% more calls, NACFR had 7% more calls, and Whitney had 26% more calls.

Quarter 3 and the month of July had the highest call volume in 2022.

Every first due saw an increase in calls except for Station 4, Station 7, Station 17, and Station 12.

In Boise's Response Area all NFIRS categories were up from 2021 to 2022 except for Hazmat and Fires:

- EMS increased by 4.8%
- Service Calls increased by 7.7%
- Good Intent Calls increased by 0.3%
- False Alarms increased by 18.5%
- Fires decreased by 4.4%
- Hazmat decreased by 3.6%

Safety officer responses increased by 26.8% from 2021 to 2022. Every category increased except for service calls.

#### **Times**

90th percentiles and averages are reported for call processing in Boise's response area, turnout times for calls in all jurisdictions, and travel and response times for Boise City Limits and contracted areas. 10 emergent incidents within the quarter are required to run the 90th percentile calculation. 90th percentiles:

Call processing time was 0:02:52 in Boise's Response Area.

Turnout times was 0:02:13 for responses to all jurisdictions.

Travel times in Boise city limits was 0:05:42 and 0:06:55 for contracted areas.

Response times in Boise city limits was 0:07:07 and 0:08:21 for contracted areas.

73 incidents met the criteria for an effective response force (ERF) in 2022 in Boise's Response Area. The 90<sup>th</sup> percentile for response time in Boise City Limits was 0:12:54. The NFPA goal is 0:09:20.

#### Response Reliability

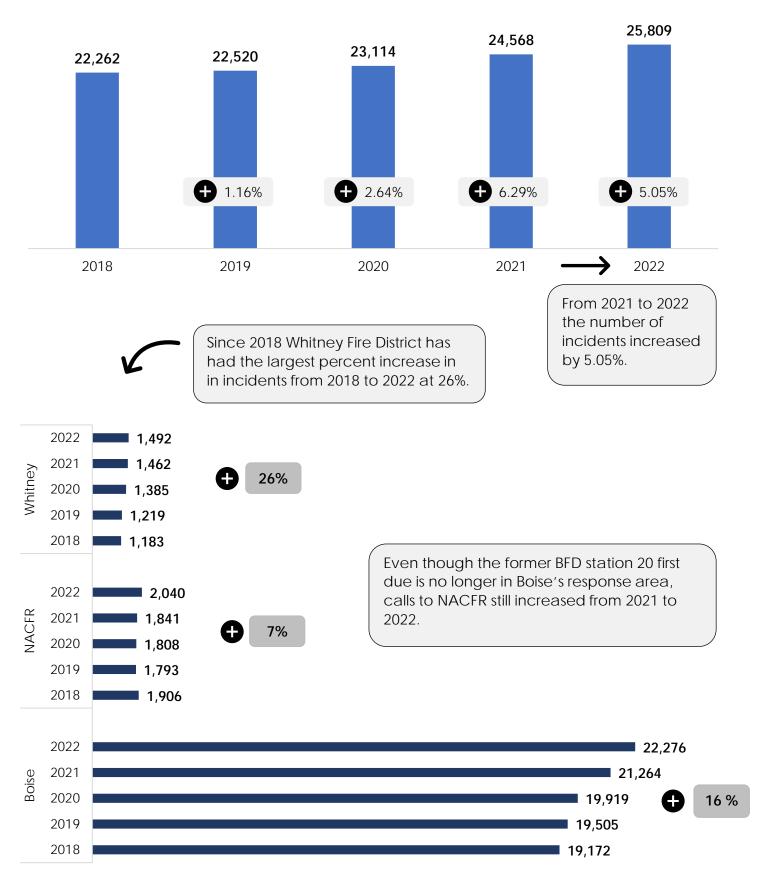
Engine 2 had the highest response reliability for arriving first in their own first due. Engine 2 also had the highest response reliability for emergent incidents in their own first due. The overall response reliability for the response area is 76.6%.

#### Casualties

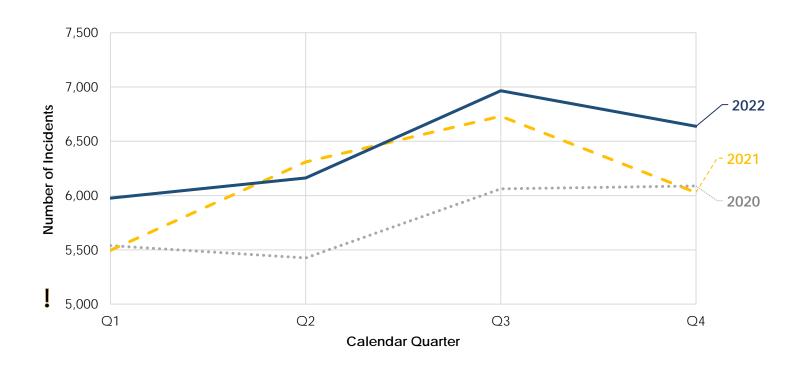
Firefighter casualties decreased by 7.3% from 2022 to 2021. Injuries related to training have decreased by 45% from 2021 to 2022.

There were 10 civilian casualties in 2022, no deaths. The majority of civilian injuries occur in building fires. Overall, 0.05% of incidents result in a civilian casualty.

### Call Volume Boise Response Area



### Incidents in Boise Response Area by Calendar Quarter

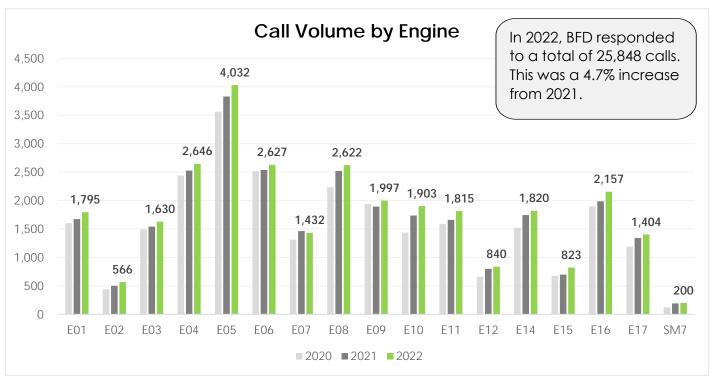


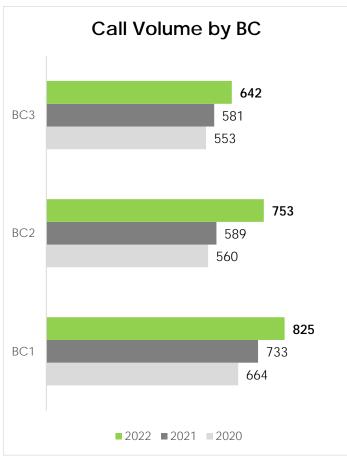
### Incidents in Boise Response Area by Month

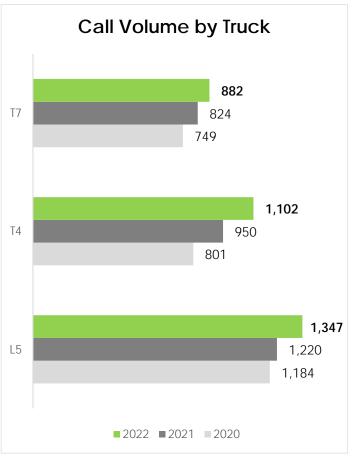


Note the axis does not start at 0 to more effectively illustrate changes between quarters and months

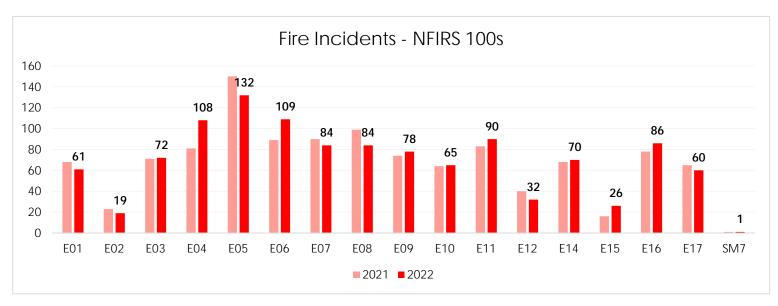
### Call Volume by Apparatus - All Jurisdictions

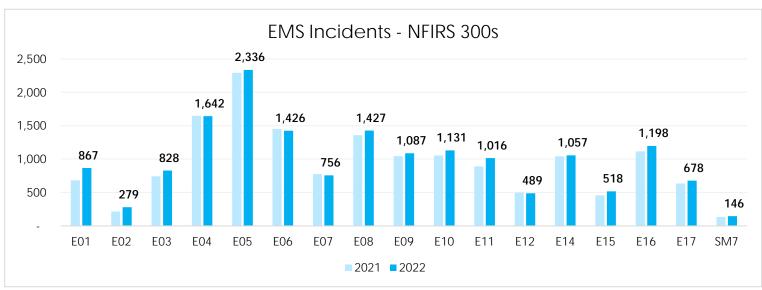


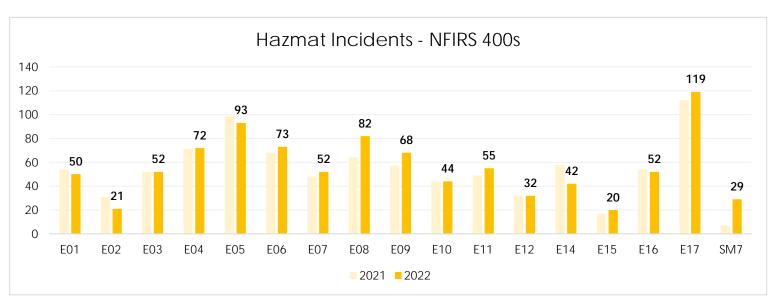




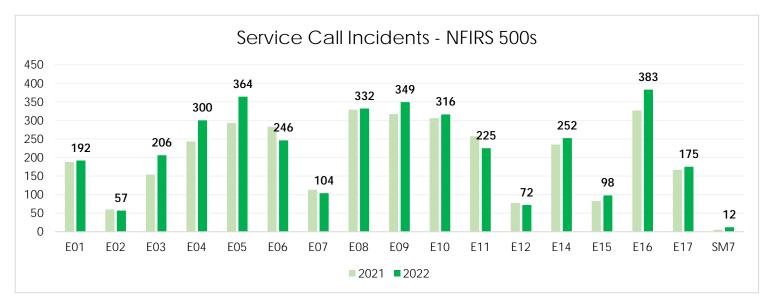
### 2022 Call Volume by NFIRS Incident Type Code & Engine

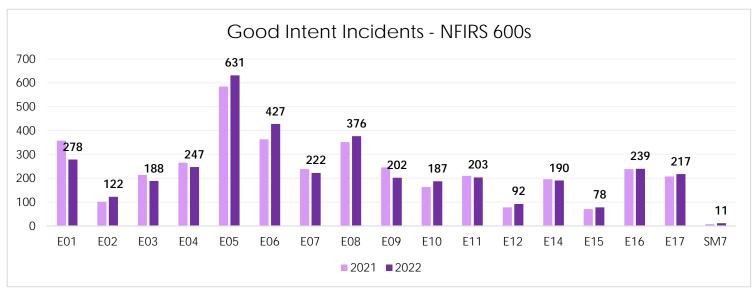


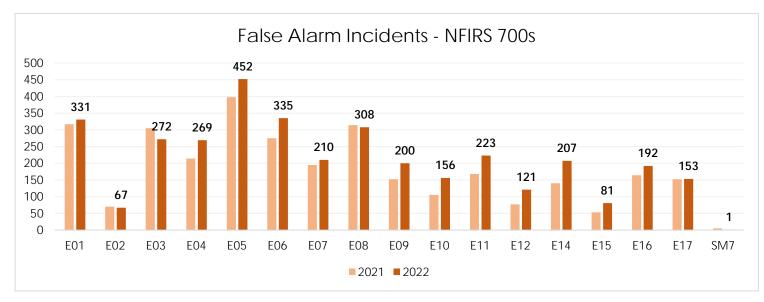




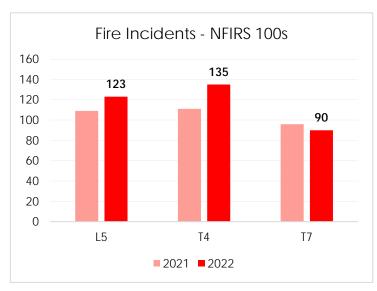
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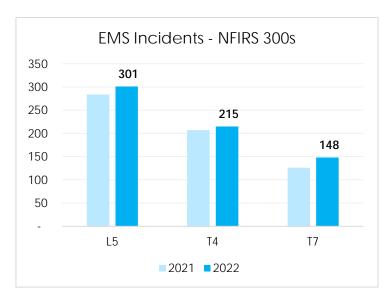


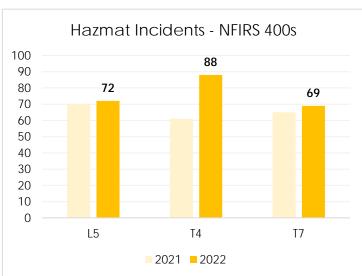


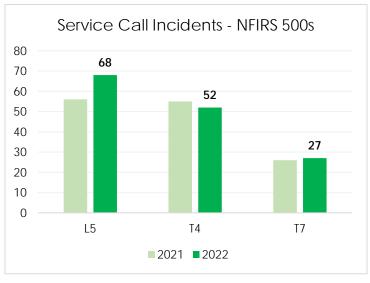


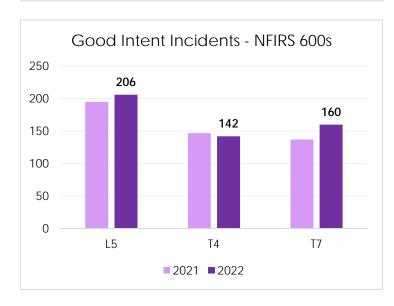
### 2022 Call Volume by NFIRS Incident Type Code & Truck

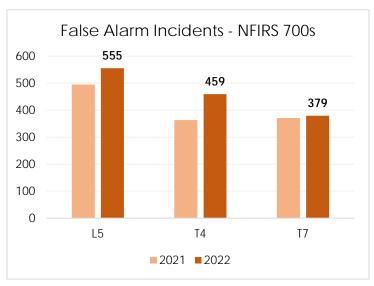




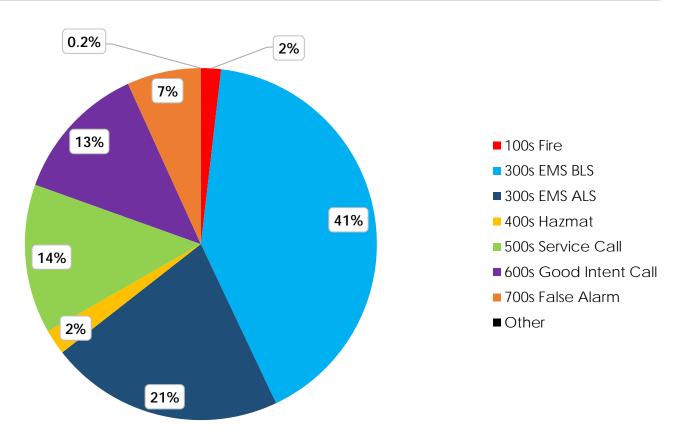


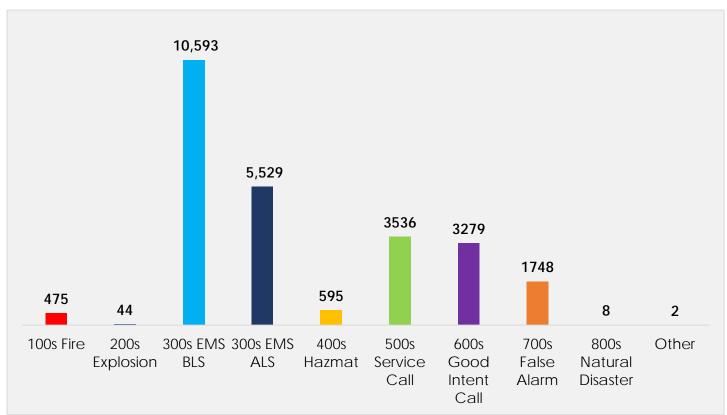




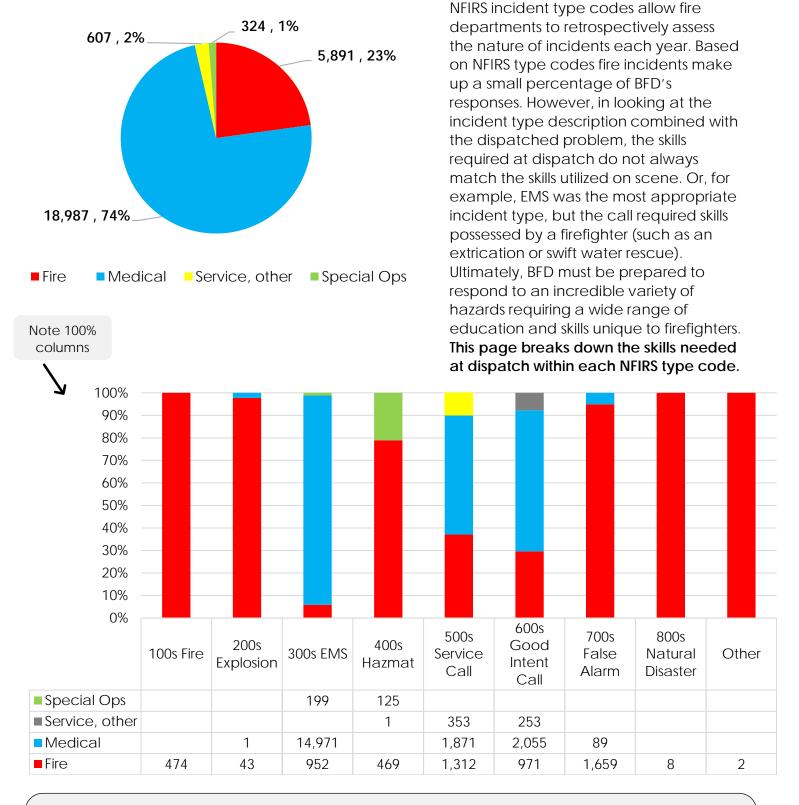


# 2022 Call Volume by Type Code - Boise Response Area

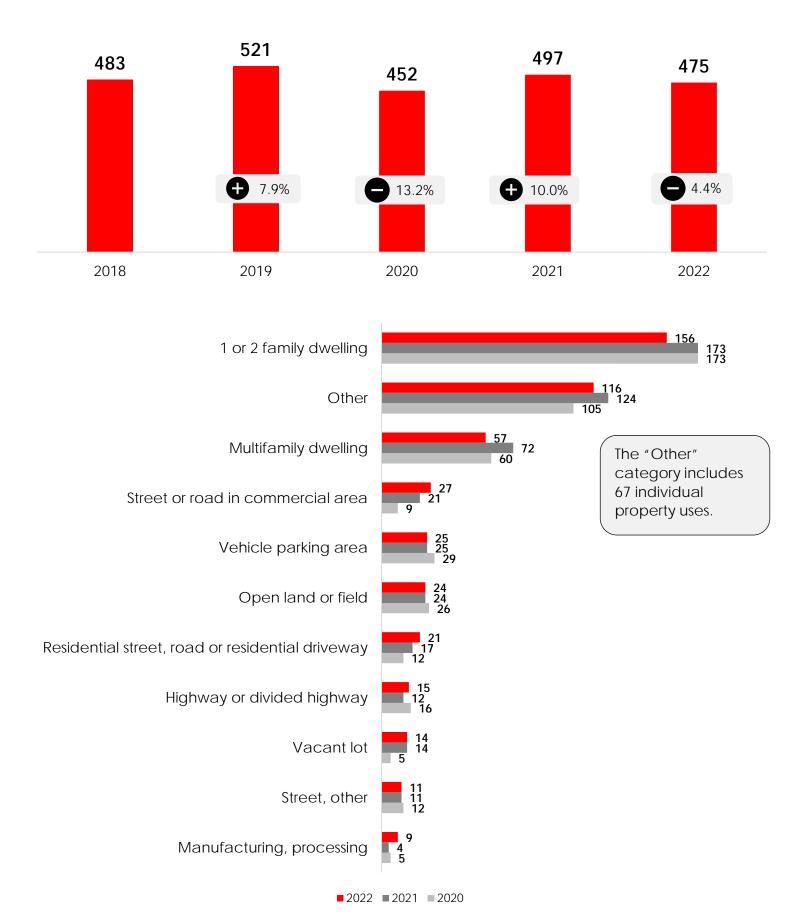


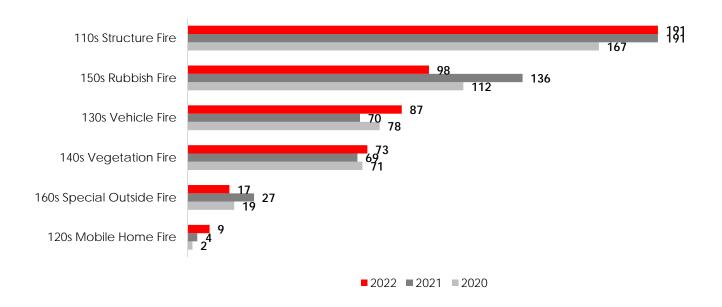


### 2022 Skills Needed at Dispatch - Boise Response Area

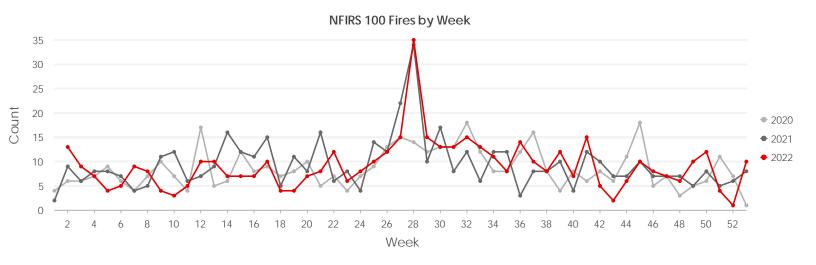


Through this lens, medical incidents continue to represent the majority of calls for service because as we know that is the highest need of our community and most communities. However, as shown in the bar chart above uniquely firefighter skills are needed 26% of the time regardless of the ultimate NFIRS call type assigned to the call.

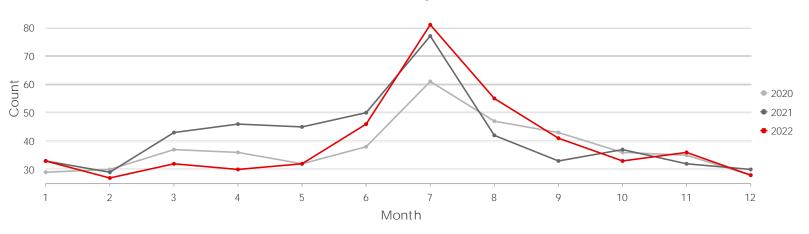


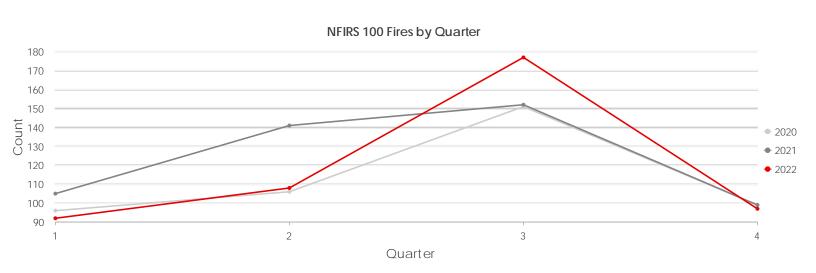


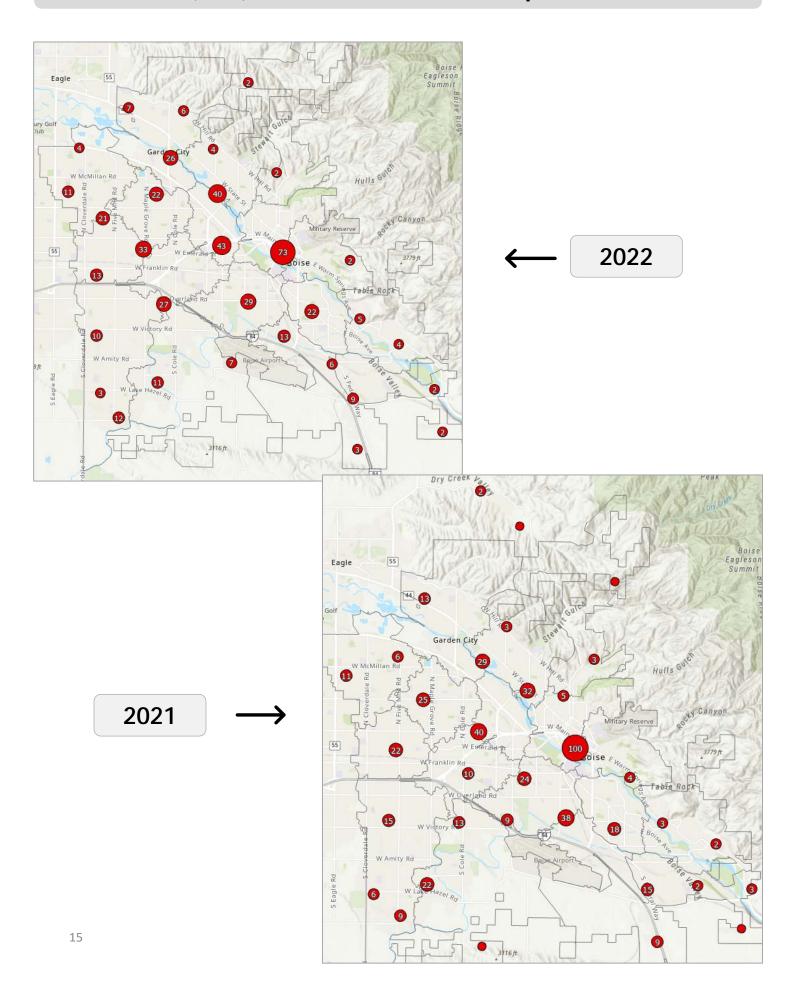
[vne Code_				
	Incident Type Description		2021	
173	Cultivated trees or nursery stock fire	2	0	0
		_		1
				3
		1	2	3
123	Fire in portable building, fixed location	0	0	2
150	Outside rubbish fire, other	34	38	27
151	Outside rubbish, trash or waste fire	49	63	41
152	Garbage dump or sanitary landfill fire	2	0	0
153	Construction or demolition landfill fire	0	3	3
154	Dumpster or other outside trash receptacle fire	27	32	27
160	Special outside fire, other	11	10	12
161	Outside storage fire	1	3	3
162	Outside equipment fire	6	14	2
163	Outside gas or vapor combustion explosion	1	0	0
111	Building fire	78	94	92
112	Fires in structure other than in a building	10	8	10
113	Cooking fire, confined to container	68	62	63
114	Chimney or flue fire, confined to chimney or flue	2	4	4
115	Incinerator overload or malfunction, fire confined	0	2	3
116	Fuel burner/boiler malfunction, fire confined	1	3	5
117	Commercial Compactor fire, confined to rubbish	1	0	0
118	Trash or rubbish fire, contained	7	18	14
140	Natural vegetation fire, other	21	18	14
141	Forest, woods or wildland fire	1	2	2
142	Brush or brush-and-grass mixture fire	19	21	23
143	Grass fire	31	28	34
130	Mobile property (vehicle) fire, other	5	8	4
131	Passenger vehicle fire	60	52	69
132	Road freight or transport vehicle fire	5	5	4
134	Water vehicle fire	0	1	0
135	Aircraft fire	2	1	0
136	Self-propelled motor home or recreational vehicle	0	0	2
137	Camper or recreational vehicle (RV) fire	2	2	6
138	Off-road vehicle or heavy equipment fire	4	1	2
	151 152 153 154 160 161 162 163 111 112 113 114 115 116 117 118 140 141 142 143 130 131 132 134 135 136 137	Fire in mobile home used as fixed residence  Fire in motor home, camper, recreational vehicle  Fire in portable building, fixed location  Outside rubbish fire, other  Outside rubbish, trash or waste fire  Garbage dump or sanitary landfill fire  Construction or demolition landfill fire  Dumpster or other outside trash receptacle fire  Special outside fire, other  Outside storage fire  Outside equipment fire  Coutside equipment fire  Building fire  Fires in structure other than in a building  Coking fire, confined to container  Chimney or flue fire, confined to chimney or flue  Incinerator overload or malfunction, fire confined  Fuel burner/boiler malfunction, fire confined  Commercial Compactor fire, confined to rubbish  Trash or rubbish fire, contained  Natural vegetation fire, other  Autural vegetation fire, other  Forest, woods or wildland fire  Brush or brush-and-grass mixture fire  Grass fire  Mobile property (vehicle) fire, other  Passenger vehicle fire  Road freight or transport vehicle fire  Water vehicle fire  Aircraft fire  Self-propelled motor home or recreational vehicle  Camper or recreational vehicle (RV) fire	Fire in mobile home used as fixed residence  122 Fire in motor home, camper, recreational vehicle  133 Fire in portable building, fixed location  150 Outside rubbish fire, other  34  151 Outside rubbish, trash or waste fire  49  152 Garbage dump or sanitary landfill fire  2 Construction or demolition landfill fire  154 Dumpster or other outside trash receptacle fire  27  160 Special outside fire, other  110 Outside storage fire  110 Outside equipment fire  111 Building fire  112 Fires in structure other than in a building  113 Cooking fire, confined to container  114 Chimney or flue fire, confined to chimney or flue  115 Incinerator overload or malfunction, fire confined  116 Fuel burner/boiler malfunction, fire confined  117 Commercial Compactor fire, confined to rubbish  118 Trash or rubbish fire, contained  140 Natural vegetation fire, other  141 Forest, woods or wildland fire  142 Brush or brush-and-grass mixture fire  143 Grass fire  144 Brush or brush-and-grass mixture fire  154 Outside gas or vehicle fire  155 Aircraft fire  166 Oamper or recreational vehicle (RV) fire  167 Camper or recreational vehicle (RV) fire  168 Outside equipment fire, on the or recreational vehicle  170 Outside equipment fire  181 Passenger or recreational vehicle (RV) fire  182 Camper or recreational vehicle (RV) fire	Fire in mobile home used as fixed residence  1 2 122 Fire in motor home, camper, recreational vehicle 1 2 123 Fire in portable building, fixed location 0 0 150 Outside rubbish fire, other 34 38 151 Outside rubbish, trash or waste fire 35 Garbage dump or sanitary landfill fire 36 Construction or demolition landfill fire 37 Construction or demolition landfill fire 38 Construction or demolition landfill fire 39 Construction or demolition landfill fire 40 Construction or demolition landfill fire 41 Construction or demolition landfill fire 42 Construction or demolition landfill fire 43 Construction or demolition landfill fire 44 Construction or demolition landfill fire 45 Construction or demolition landfill fire 46 Construction or demolition landfill fire 47 Construction or demolition landfill fire 48 Construction or demolition landfill fire 49 Construction or demolition landfill fire 40 Construction or demolition landfill fire 40 Construction or demolition explosion 41 Construction fire, confined to container 42 Chimney or flue fire, confined to chimney or flue 43 Cooking fire, confined to chimney or flue 44 Chimney or flue fire, confined to chimney or flue 45 Construction or malfunction, fire confined 40 Construction or malfunction, fire confined 41 Commercial Compactor fire, confined to rubbish 41 Commercial Compactor fire, confined to rubbish 42 Brush or rubbish fire, other 43 Grass fire 44 Brush or brush-and-grass mixture fire 45 Construction or rubbish fire, other 46 Construction or rubbish fire, other 47 Construction fire, other 48 Construction or rubbish fire, other 49 Construction or rubbish fire, other 40 Natural vegetation fire, other 41 South or brush-and-grass mixture fire 41 South or brush-and-grass mixture fire 41 Construction or rubbish fire, other 42 Brush or brush-and-grass mixture fire 43 Construction or rubbish fire, other 44 Construction or rubbish fire, other 45 Construction o



#### NFIRS 100 Fires by Month

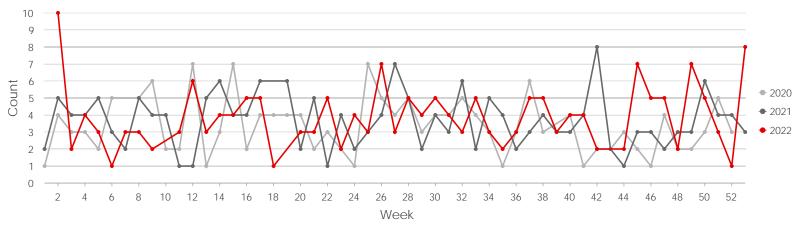




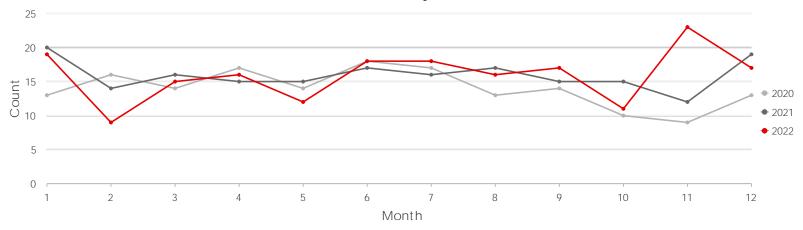


### Structure Fires - Boise Response Area

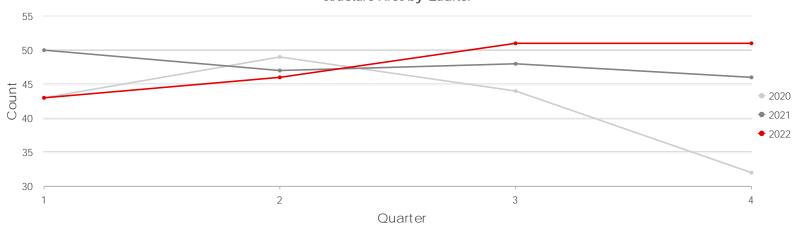




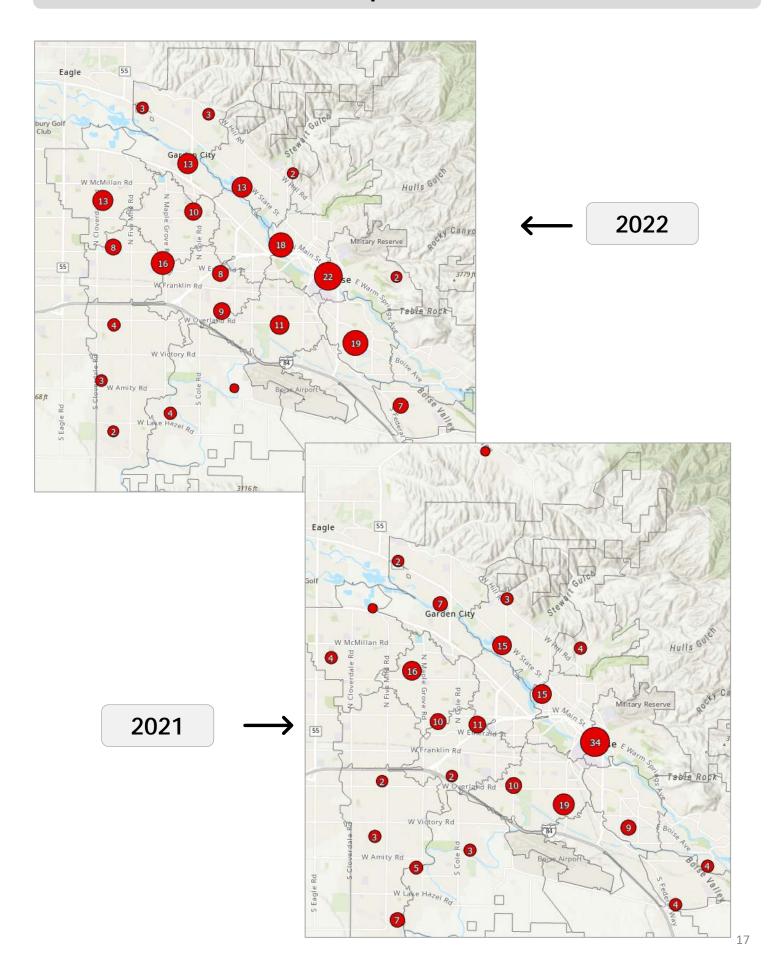
#### Structure Fires by Month



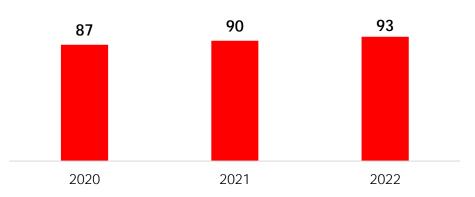
#### Structure Fires by Quarter

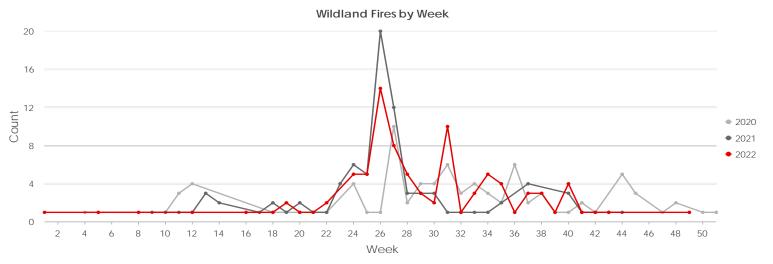


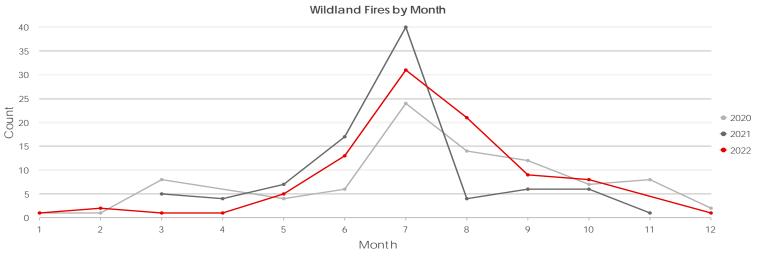
# Structure Fires - Boise Response Area

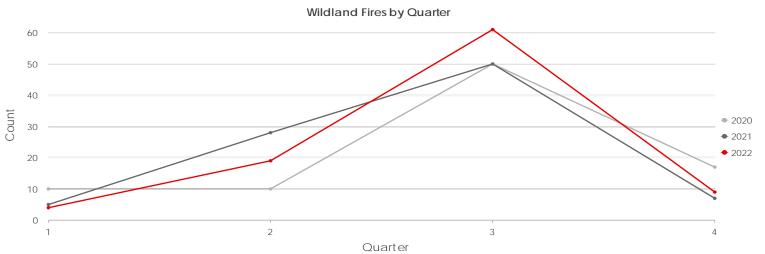




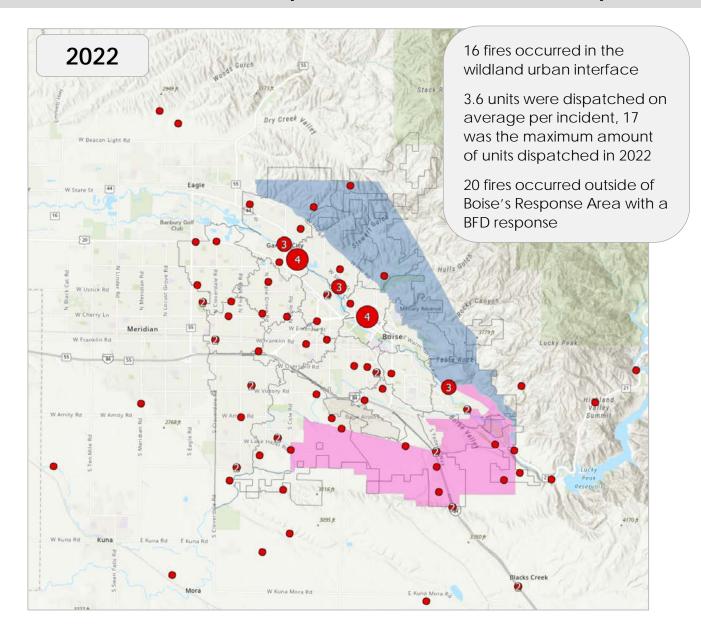




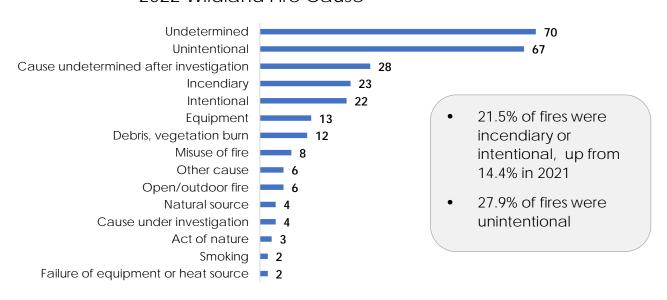


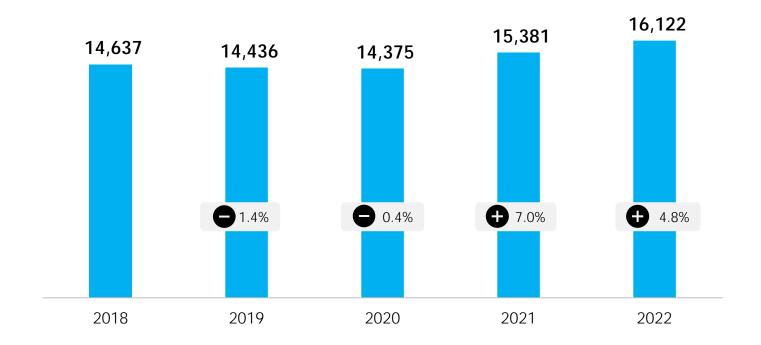


### Wildland Fires - Boise Response Area or BFD Unit Responded

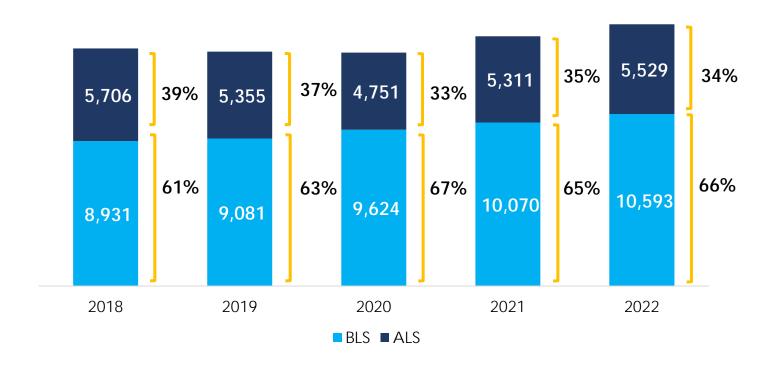


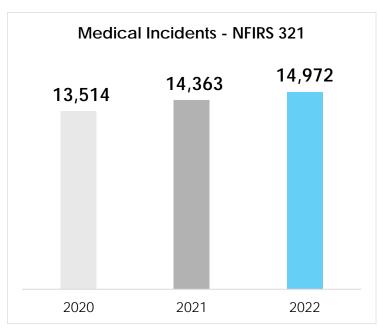
#### 2022 Wildland Fire Cause

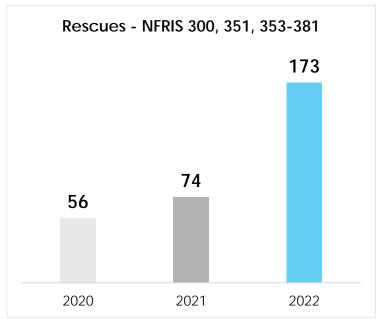


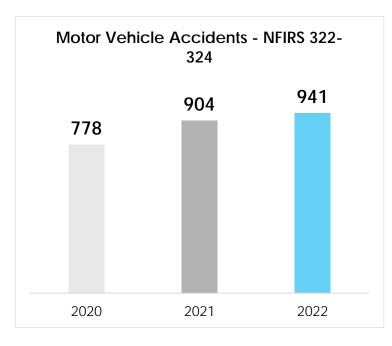


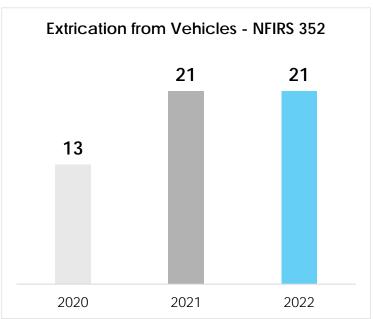
ALS vs. BLS Activity



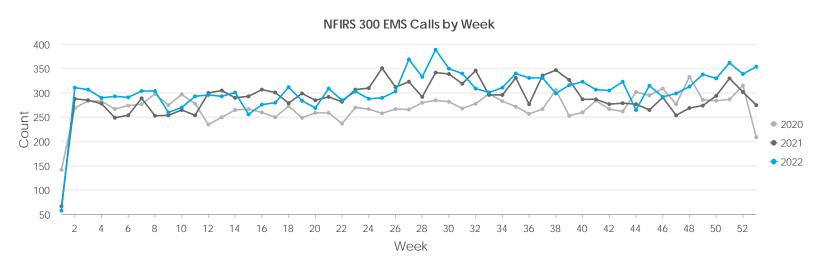


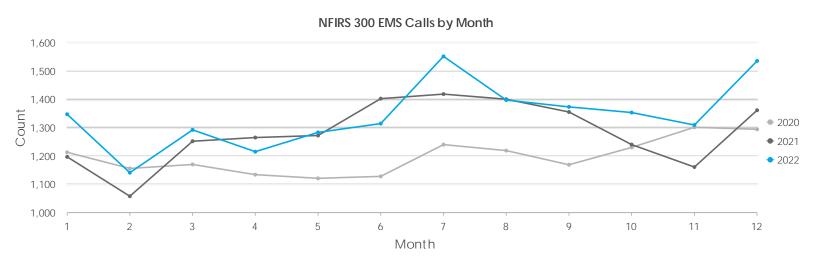


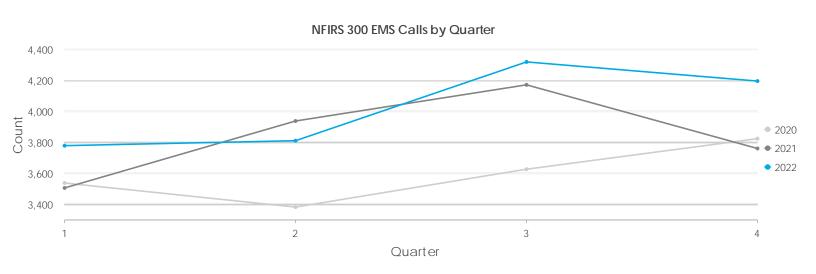


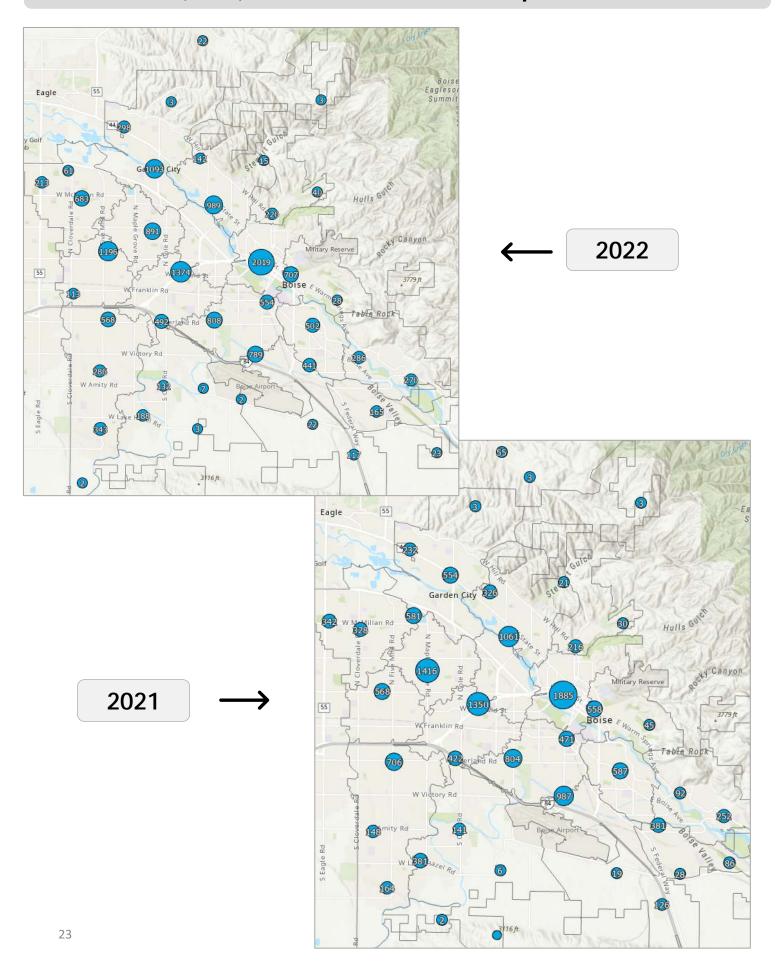


Type codes: 331, 341 & 342 not captured in charts

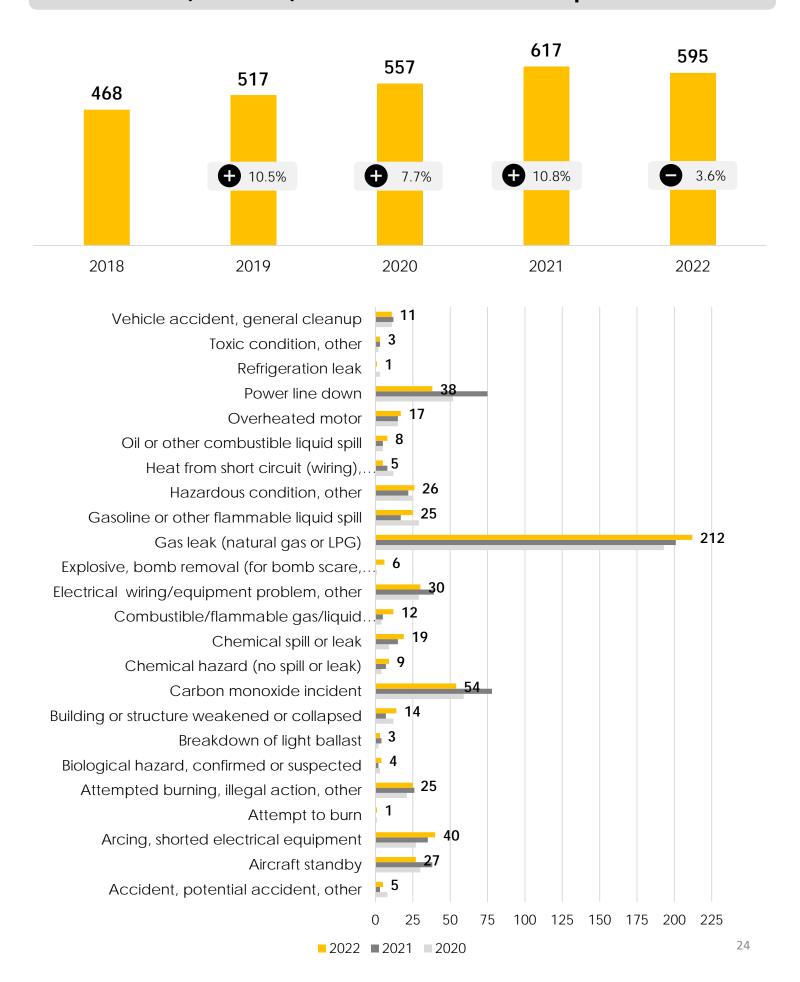




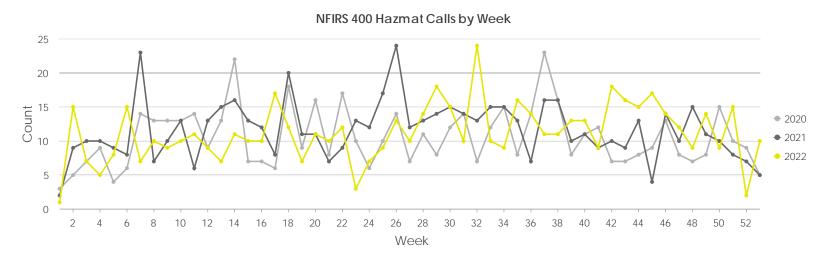




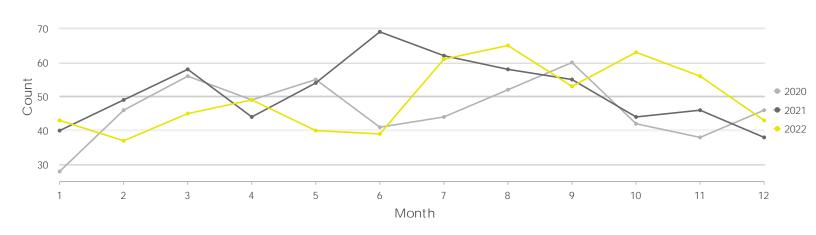
### NFIRS 400s (Hazmat) Incidents - Boise Response Area

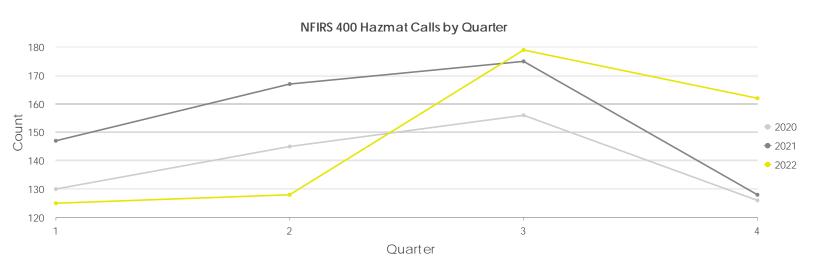


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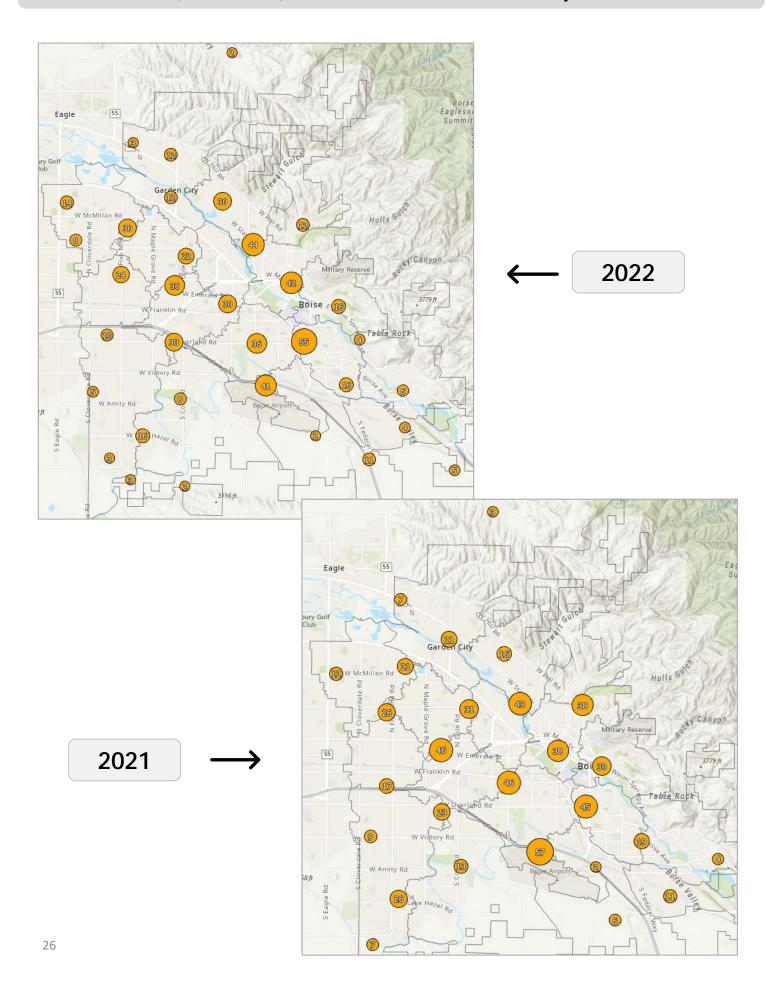


#### NFIRS 400 Hazmat Calls by Month

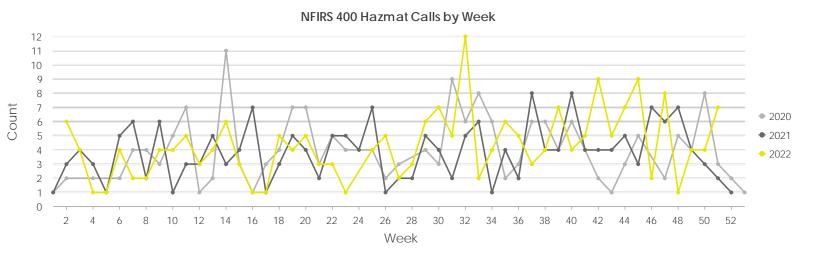


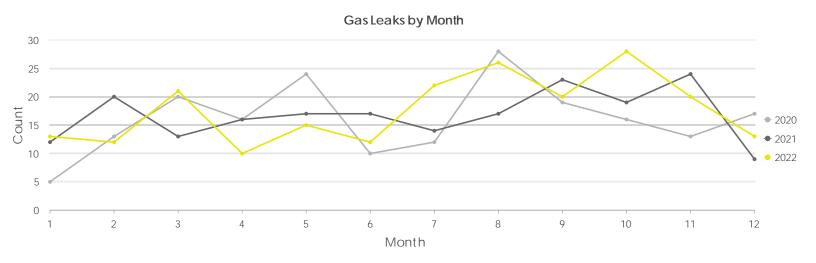


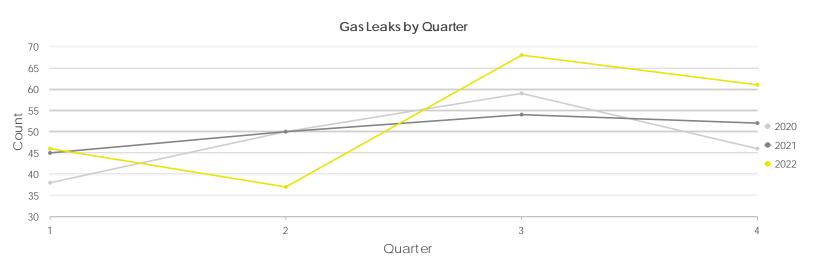
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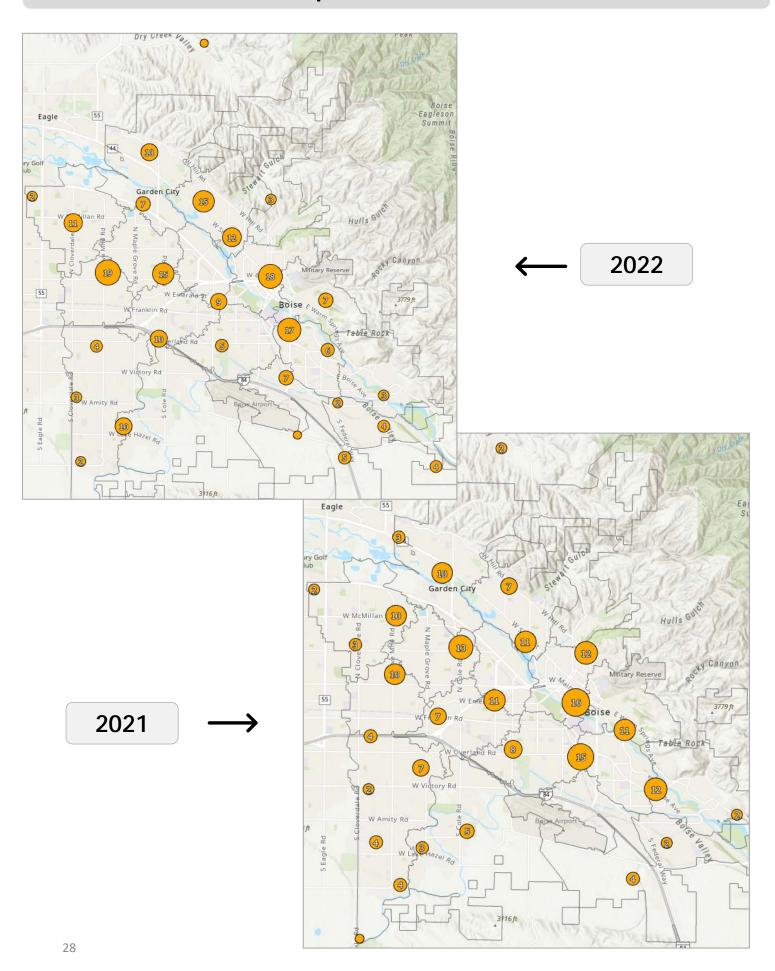
# Gas Leaks - Boise Response Area

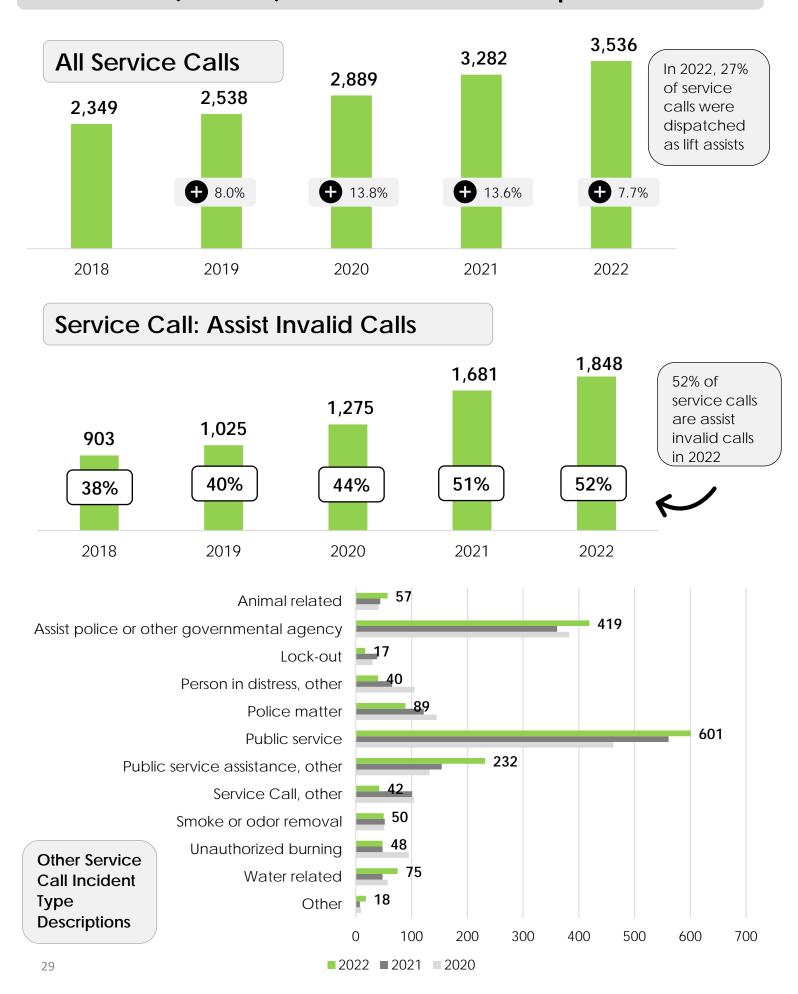




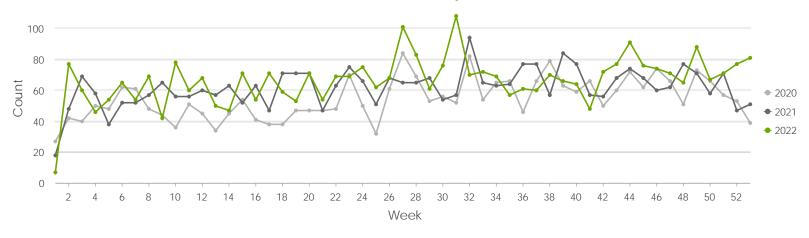


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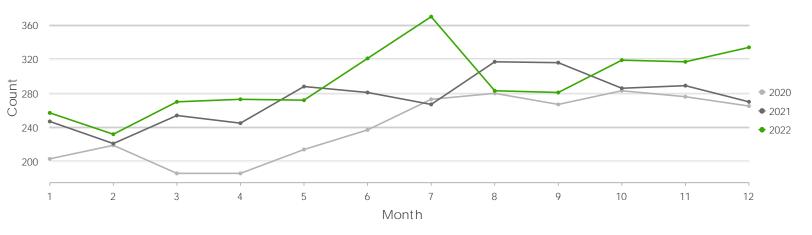




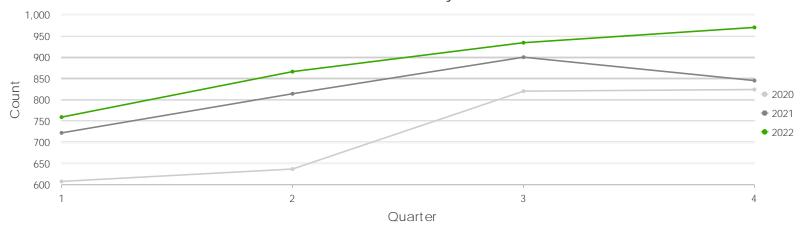


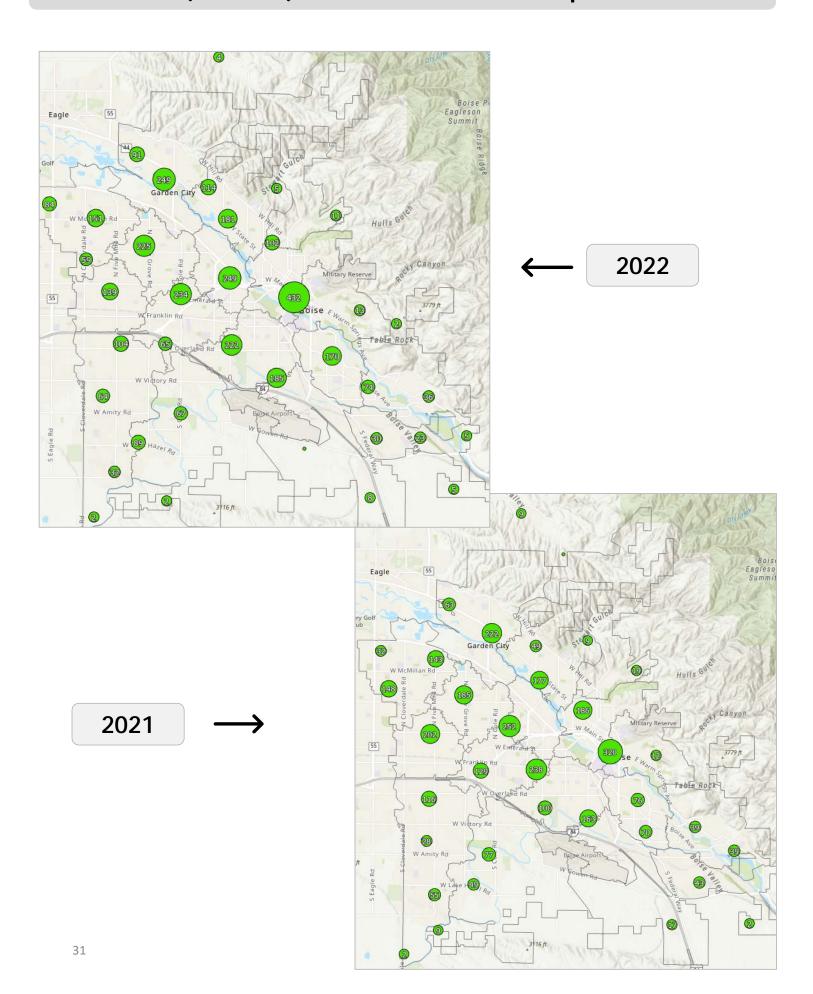


#### NFIRS 500 Service Calls by Month

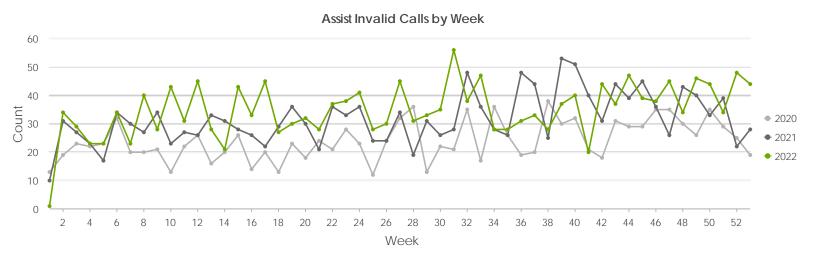


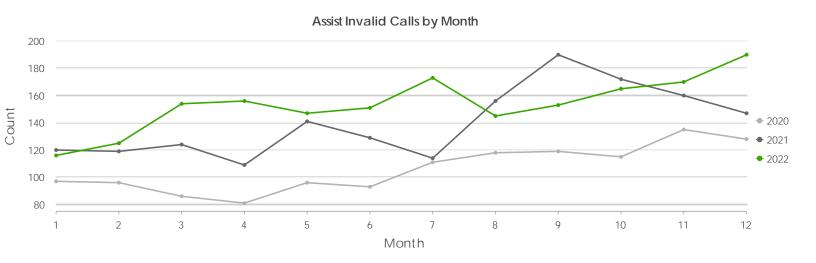
#### NFIRS 500 Service Calls by Quarter

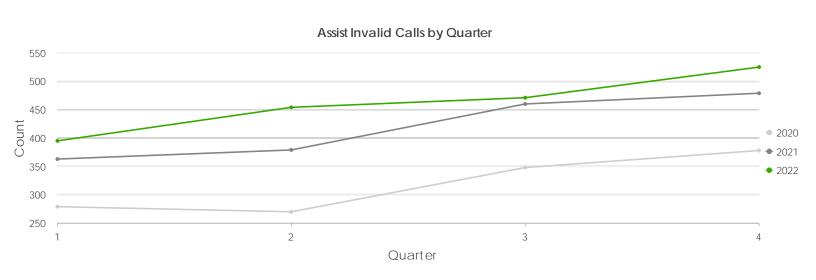




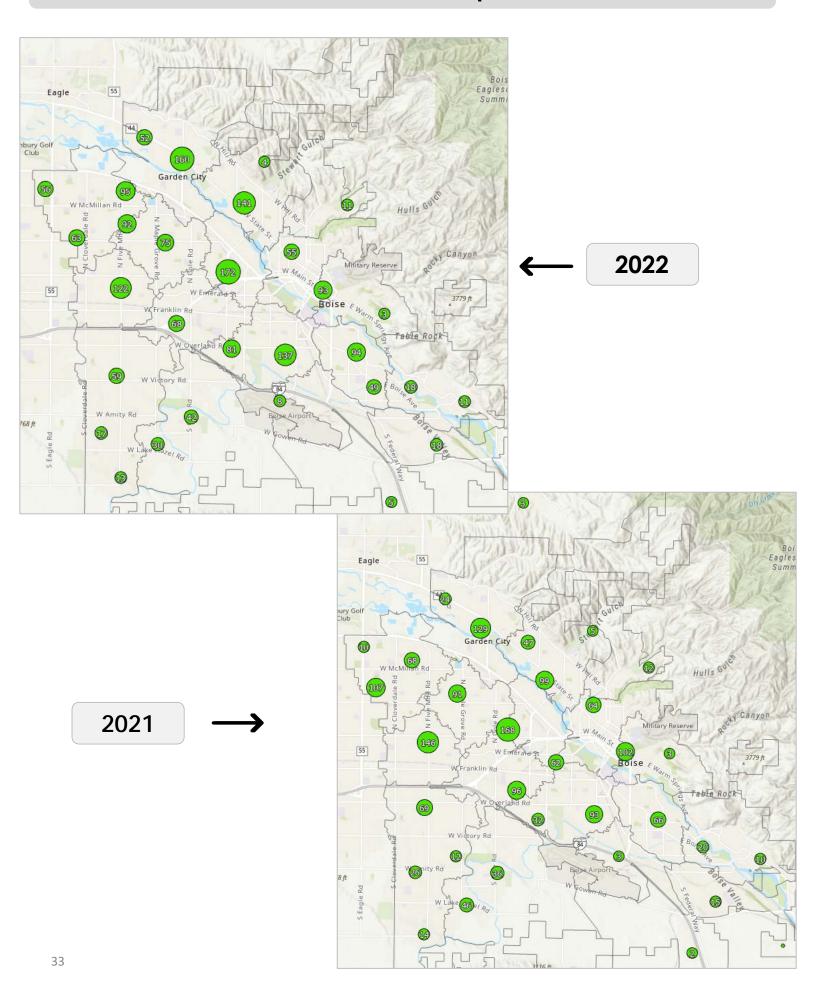
# Assist Invalid Incidents - Boise Response Area



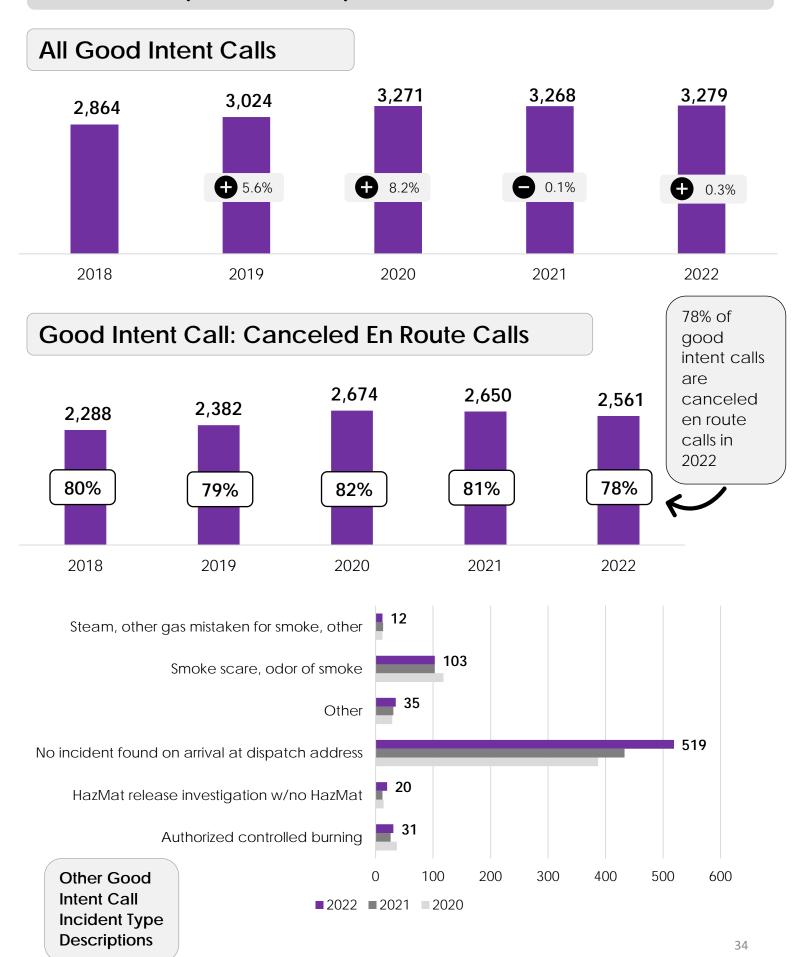




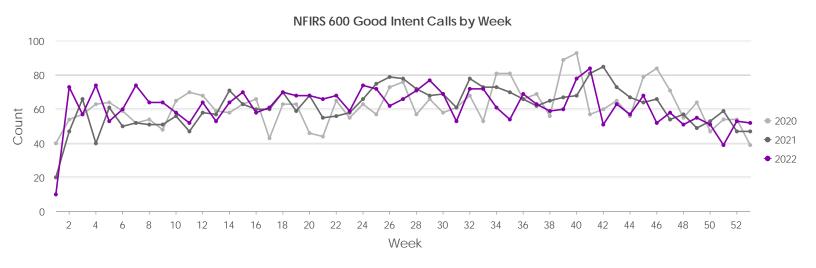
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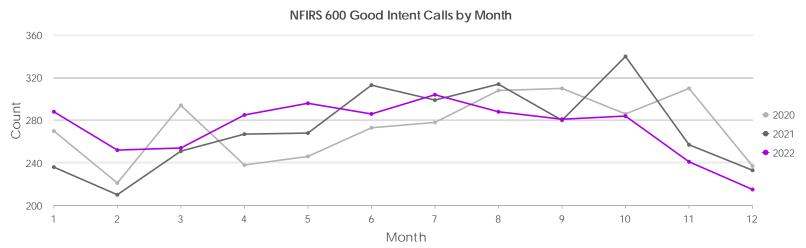


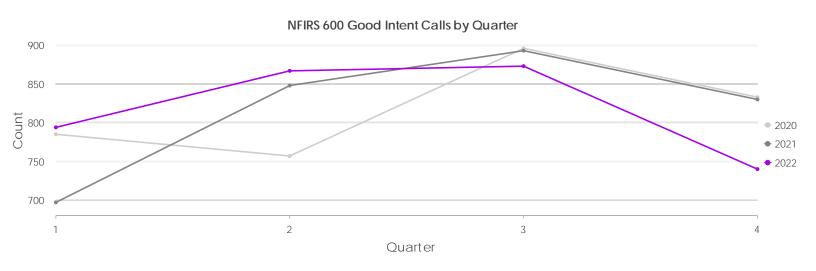
### NFIRS 600s (Good Intent) Incidents



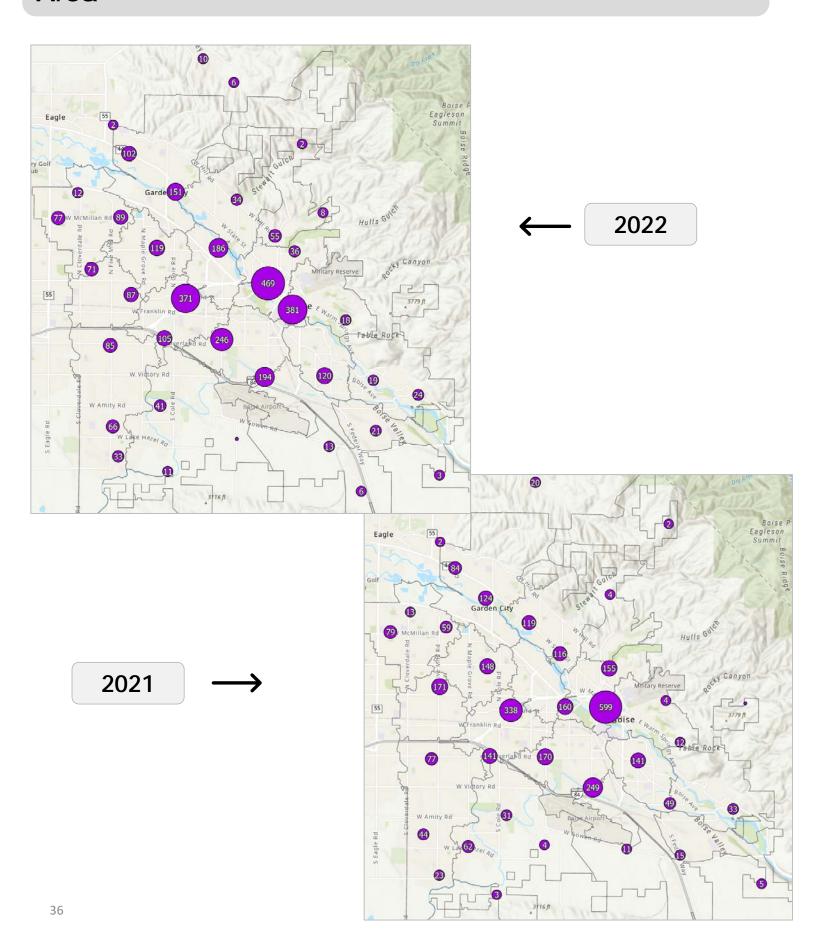
# NFIRS 600s (Good Intent) Incidents - Boise Response Area



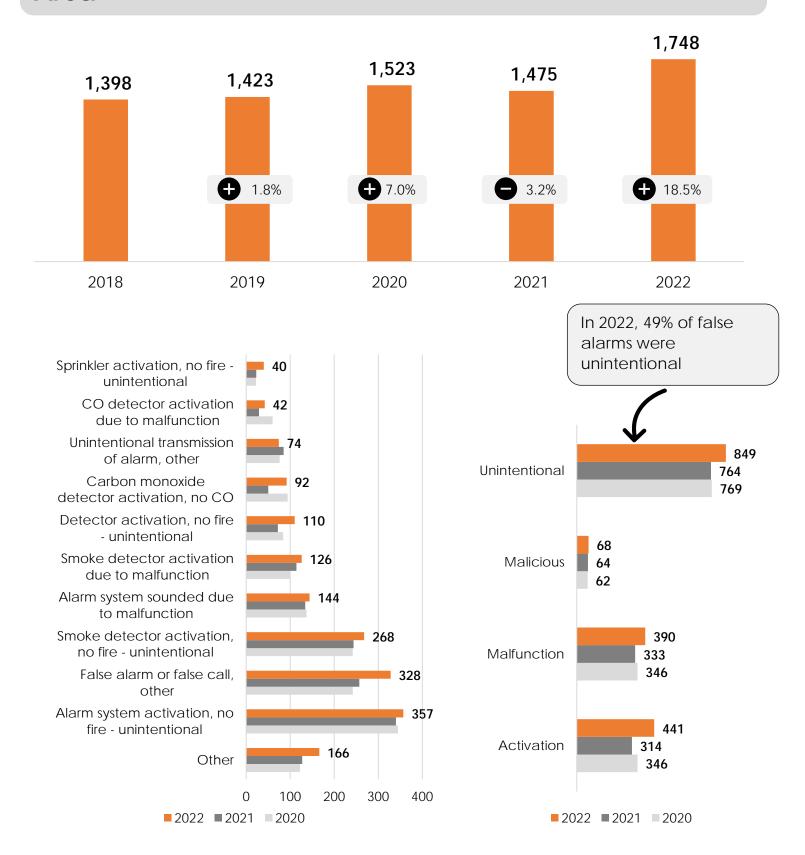




### NFIRS 600s (Good Intent) Incidents - Boise Response Area



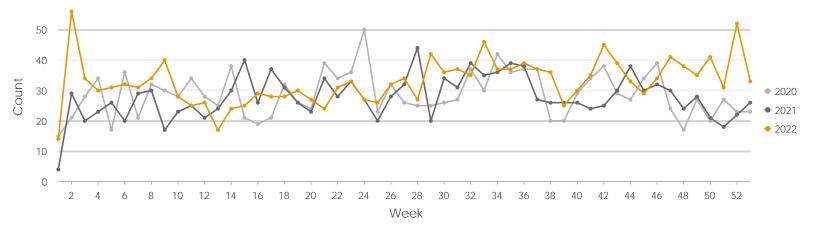
# NFIRS 700s (False Alarm) Incidents - Boise Response Area



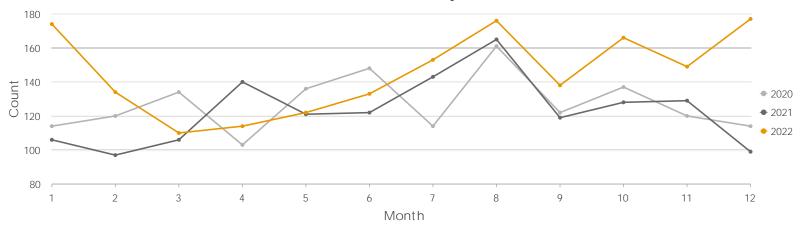
From 2018 to 2022 there was a 25% increase in false alarms

# NFIRS 700s (False Alarm) Incidents - Boise Response Area

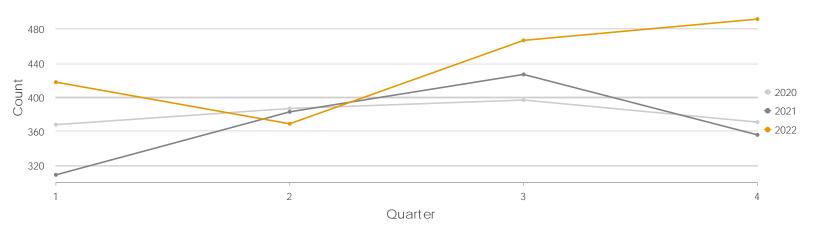




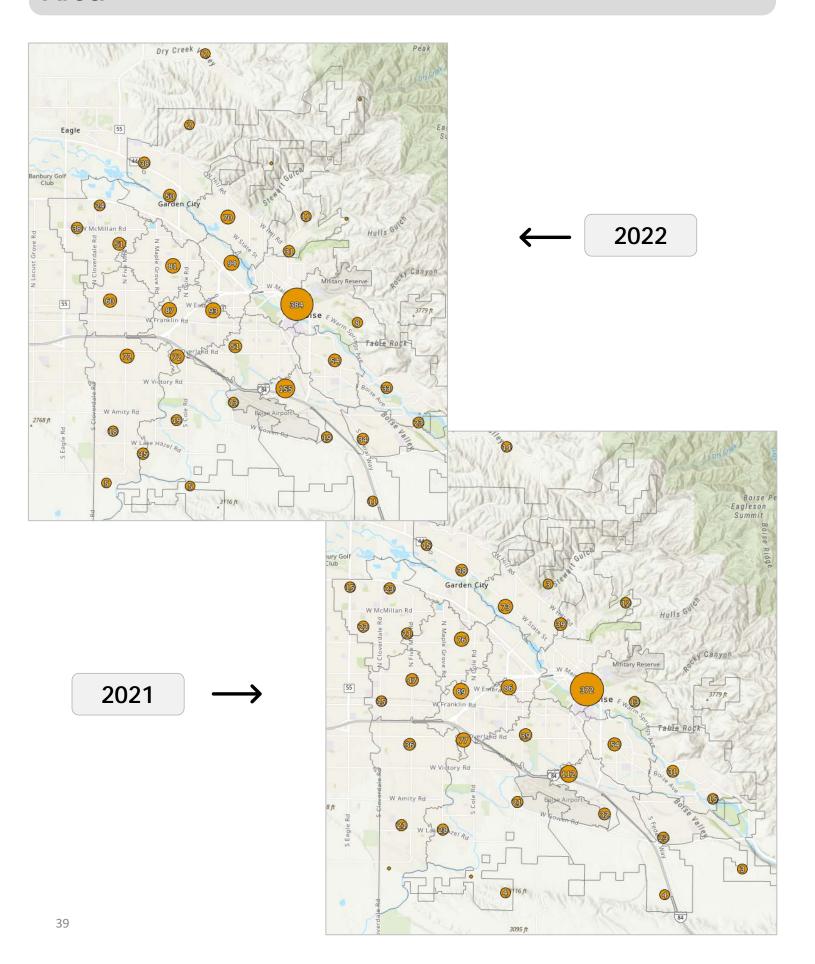
#### NFIRS 700 False Alarms by Month



#### NFIRS 700 False Alarms by Quarter

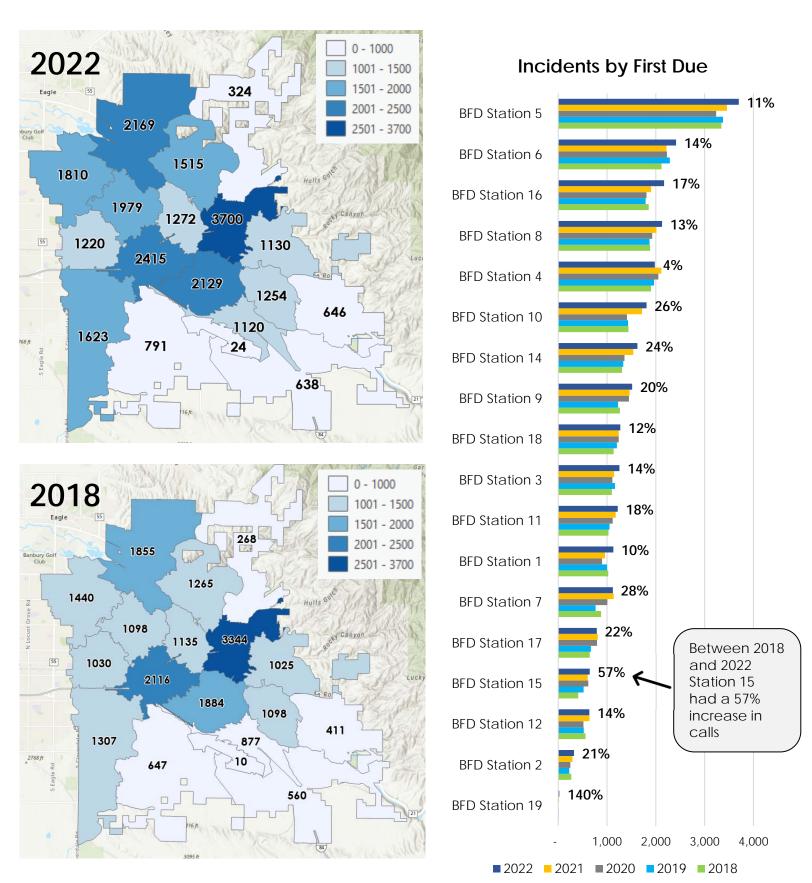


# NFIRS 700s (False Alarm) Incidents - Boise Response Area



# Call Volume by First Due Area

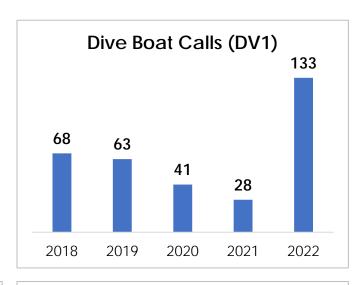
Between 2018 and 2022 the rank of stations by call volume has remained consistent. Every station's call volume has increased in those five years, some more than others. Notably station 15's call volume has increased by 57% and seven stations had an increase of 20% or more calls.

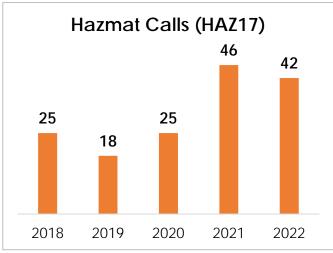


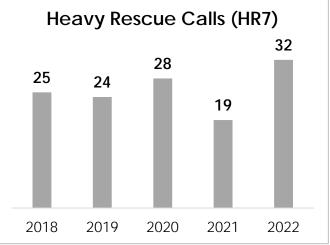
## **Specialty Teams**

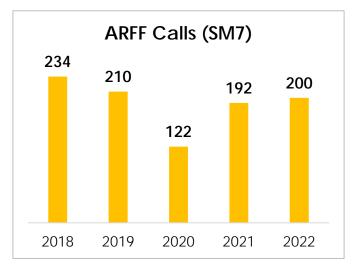
Specialty teams are defined by apparatus. The following charts compare responses in 2018 to 2022. Note apparatus SQ7 was replaced by TEC7 and is mostly unused. Calls for these apparatuses are counted together.

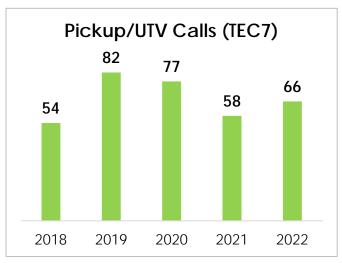
Dive boat calls have increased by over 100% from 2018 to 2022. This is due to the high flows observed in 2022 that allowed DV1 to be on the river more often, increased the number of incidents, particularly around the Broadway bridge abutments, and a more deliberate effort to get a run number for every rescue and assist on the river.



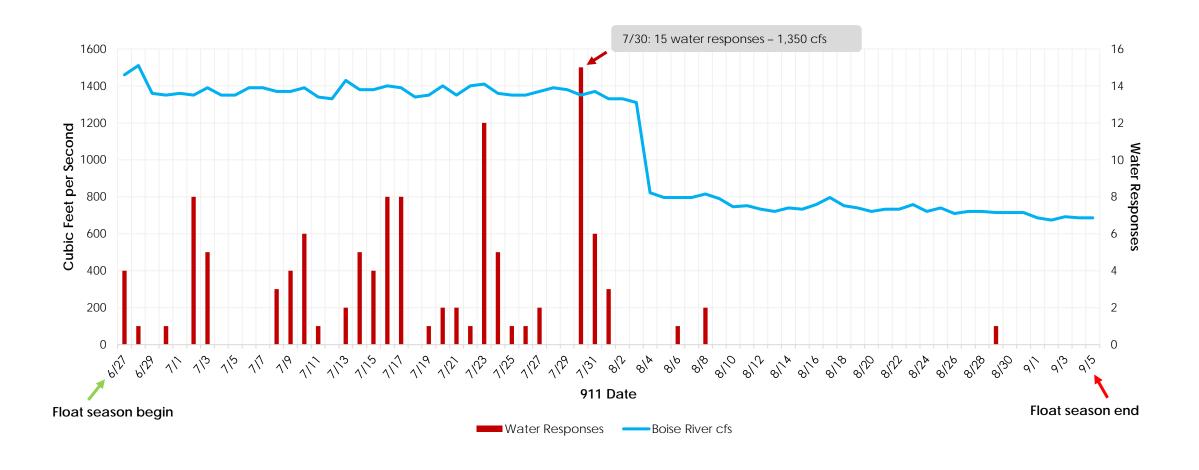


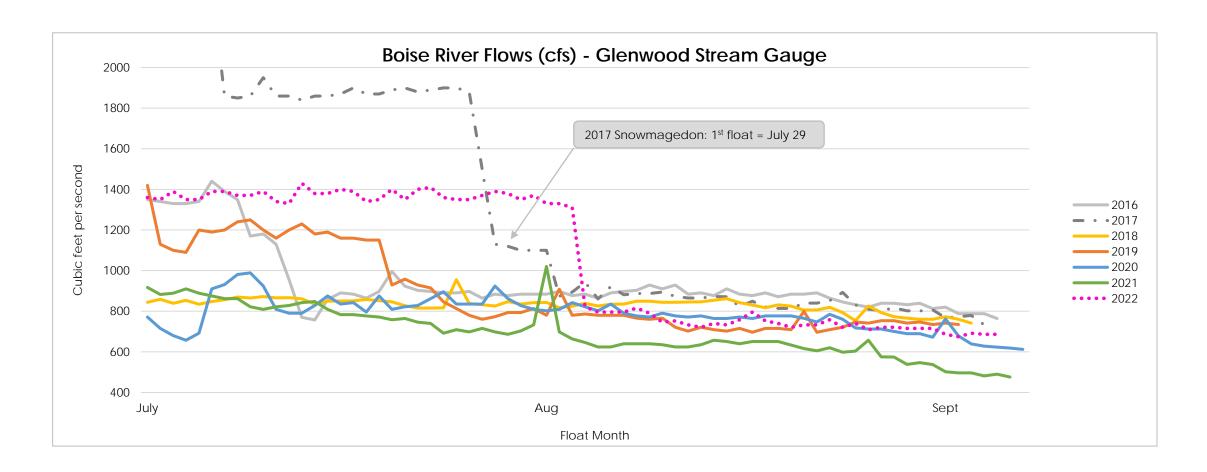






# 2022 Boise River Flows (cfs) vs. Boise River Water Responses



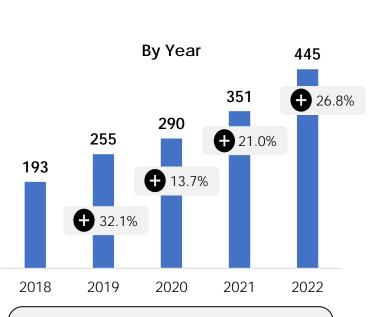


July 1 - Labor Day						
Float Year	# of Days > 1,200 cfs	Average CFS				
2016	8	942				
2017	27	1392				
2018	0	831				
2019	4	895				
2020	0	784				
2021	0	695				
2022	34	1058				

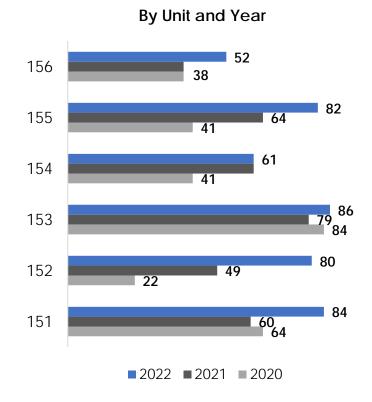
2017 float season began on July 29: Average cfs for float season = 870 cfs # of days > 1,200 cfs during float season = 0

## **Safety Officers**

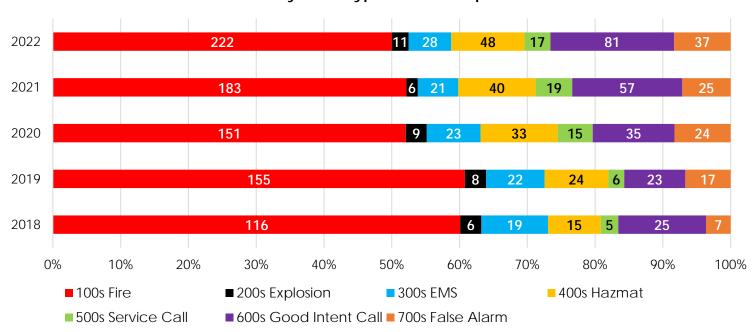
Boise Fire has 6 safety officers. They respond to a variety of calls from our Fire Training Center on 12142 Joplin Road during normal business hours and from their private residence outside of normal business hours.



Between 2018 and 2022 there has been a 130% increase in Safety Officer responses. From last year alone, there was a 27% increase.



#### By NFIRS Type Code Group



#### **Times**

It is an industry wide standard to measure turnout, travel and response times using 90<sup>th</sup> percentiles – **this means that 90 percent of incidents were reached by that time**. 90<sup>th</sup> percentiles are used by NFPA 1710 and ACCESS and are helpful when comparing ourselves to other agencies.

Times are calculated by using the CAD times for the <u>first arriving engine</u>, <u>truck</u>, <u>or fire command</u> (except for turnout times which do not require the unit to have arrived first) to the highest priority calls. High priority calls or emergent calls are:

- ✓ Fire, EMS, hazmat, and explosive incidents
- ✓ Priority code of P5 Delta, P6 DeltaPlus, or P7 Echo
- ✓ Traveled to with lights and sirens

For 90<sup>th</sup> percentiles and averages provided in this report, negative response times and response times longer than 60 minutes are filtered out.



Total Emergent Incidents 2022 - All Jurisdictions											
	Α		В		С		Total Emergent	Total	% Emergent		
Unit	first arriving	not first	first arriving	not first	first arriving	not first	Incidents	Incidents	Incidents		
E1	81	28	75	38	78	30	330	1,795	18%		
E2	22	5	22	11	30	6	96	566	17%		
E3	83	14	104	28	72	20	321	1,630	20%		
E4	183	37	191	37	166	42	656	2,646	25%		
E5	208	28	266	33	249	40	824	4,032	20%		
E6	159	30	137	44	144	30	544	2,627	21%		
E7	56	29	78	36	63	37	299	1,432	21%		
E8	163	29	158	47	157	20	574	2,622	22%		
E9	82	20	124	28	121	20	395	1,997	20%		
E10	131	21	125	24	98	27	426	1,903	22%		
E11	96	29	117	28	107	21	398	1,815	22%		
E12	50	11	61	15	55	7	199	840	24%		
E14	105	16	109	22	120	18	390	1,820	21%		
E15	49	10	42	7	43	11	162	823	20%		
E16	94	19	129	25	121	25	413	2,157	19%		
E17	64	16	90	22	67	11	270	1,404	19%		
L5	10	46	26	55	30	56	223	1,347	17%		
T4	23	40	22	73	16	58	232	1,102	21%		
T7	3	38	5	61	5	44	156	882	18%		

## Call Processing Time - Boise Response Area

Call processing time is the time from the 911 call to department notification.

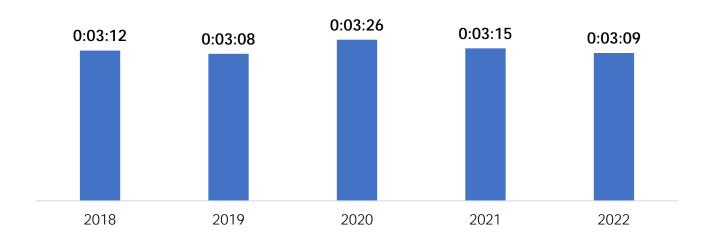
In 2022, a 90<sup>th</sup> percentile of 0:02:52 for emergent calls means 90% of calls were processed faster than 0:02:52.

Emergent call types for call processing time are defined by Fire, EMS, hazmat, and explosive incidents dispatched with Delta, DeltaPlus or Echo priority.

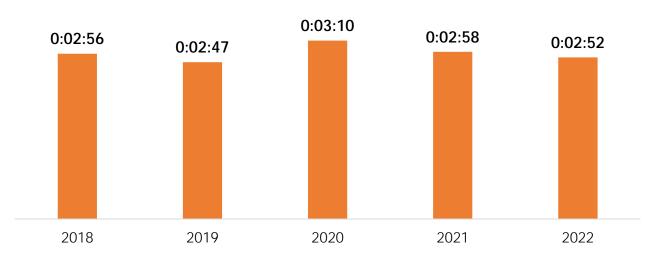
Call processing time is worth noting as it is part of Boise Fire Department's overall response time but is largely out of our control.



#### 90th Percentile - All Calls



#### 90th Percentile - Emergent Calls



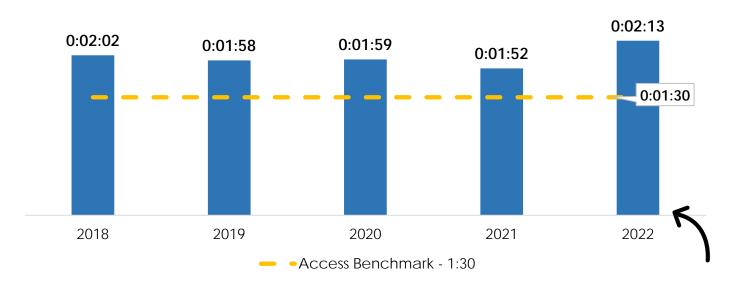
#### **Department Turnout Time**

Turnout time is the time from notification to when the apparatus is enroute. In 2022, 90% of the time, BFD turned out faster than 0:02:13 for all emergent calls for all calls regardless of the jurisdiction.

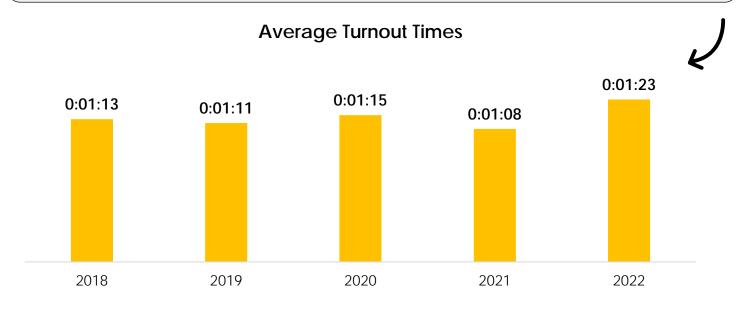




#### 90th Percentile Turnout Times



On 5/20/2022 the call acknowledge button went live on the MDTs. An increase in turnout times was an expected outcome of this change. The following pages also document a decrease in travel time, as expected. Ultimately the call acknowledge button produces more accurate data.



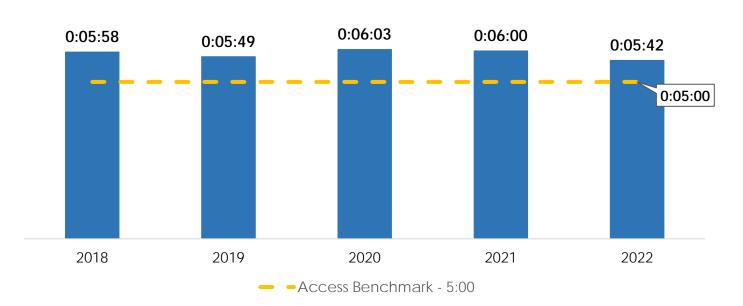
# **Department Travel Times – Boise City Limits**

Travel time is the time from enroute to when the apparatus arrives on scene. In 2022, 90% of the time, BFD traveled faster than 0:05:42 within Boise City limits.

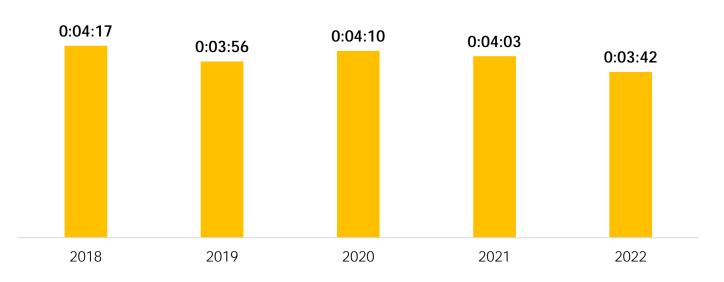




#### 90th Percentile Travel Times



#### **Average Travel Times**



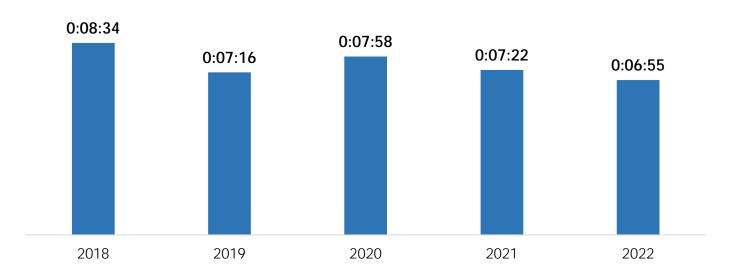
# **Department Travel Times - Contract Areas**

Travel time is the time from enroute to when the apparatus arrives on scene. In 2022, 90% of the time, BFD traveled faster than 0:06:55 within NACFR, Whitney, and Sunset districts.

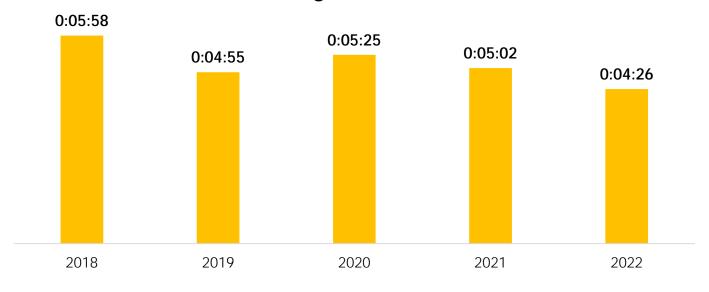




#### 90th Percentile Travel Times



#### **Average Travel Times**



## Department Response Times - Boise City Limits

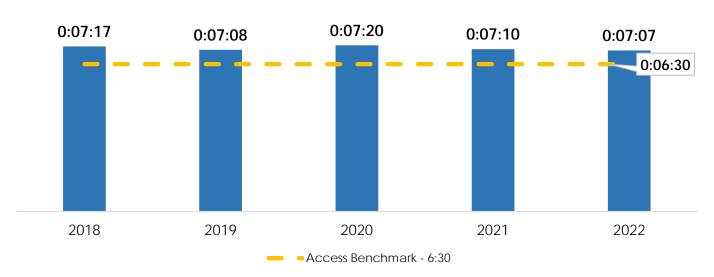
Response time is the time from notification to arrival on scene. In 2022, 90% of the time, BFD responded faster than 0:07:07 within Boise City limits.

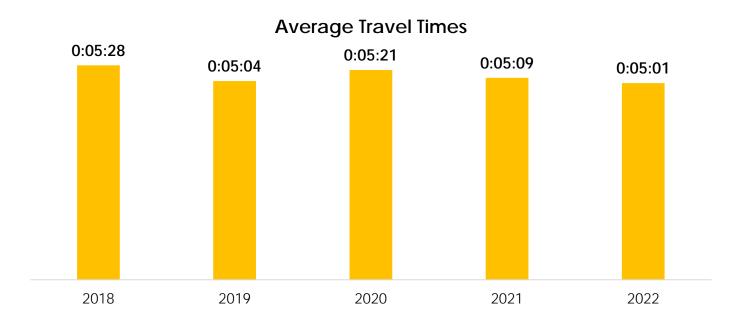






#### 90th Percentile Response Times





## Department Response Times - Contract Areas

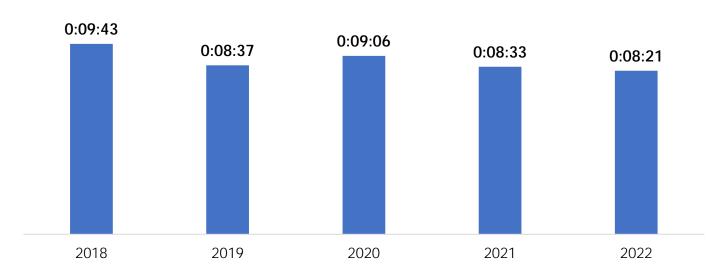
Response time is the time from notification to arrival on scene. In 2022, 90% of the time, BFD responded faster than 0:08:21 within NACFR, Whitney, and Sunset districts.



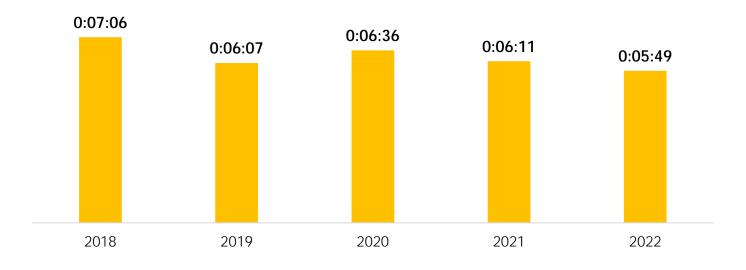




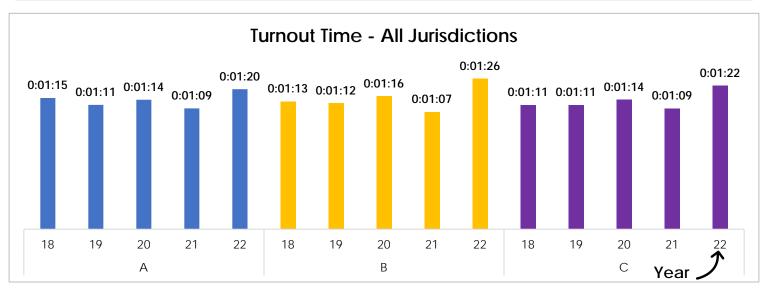
#### 90th Percentile Response Times

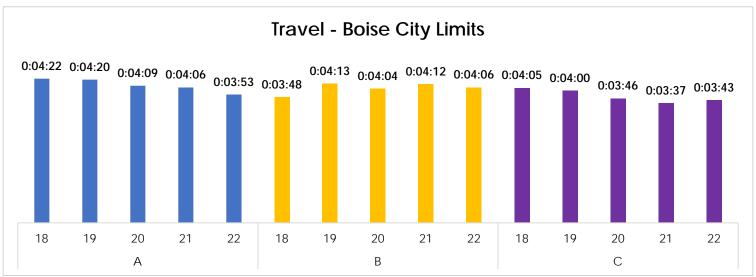


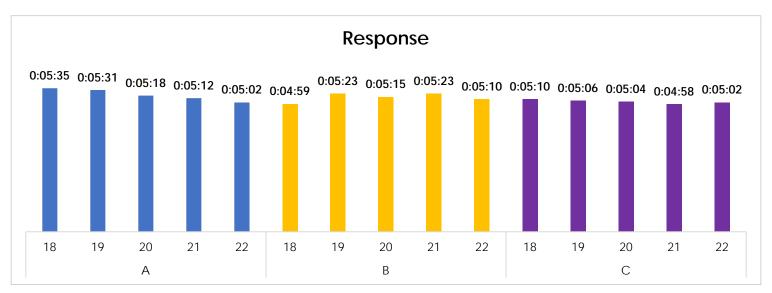
#### **Average Response Times**



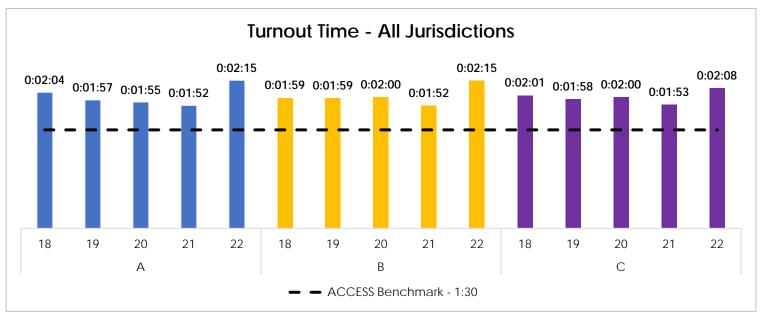
## **Average Times by Shift**

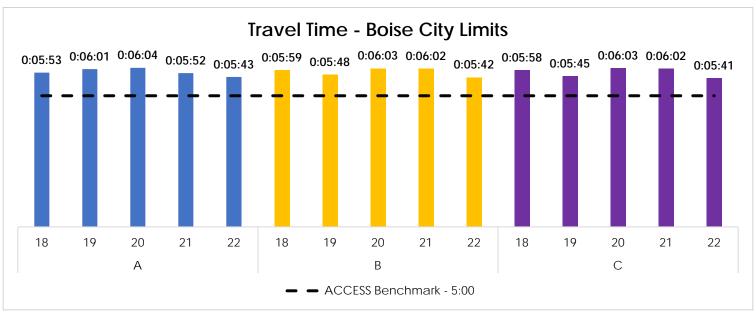


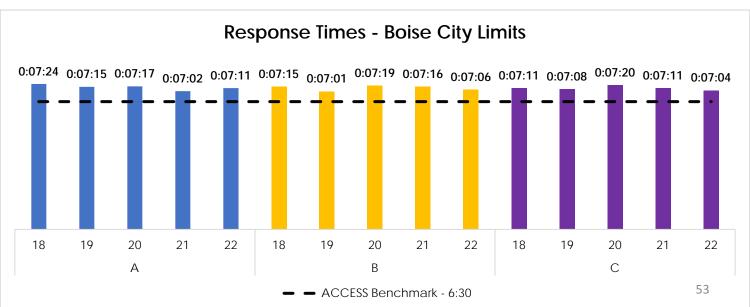




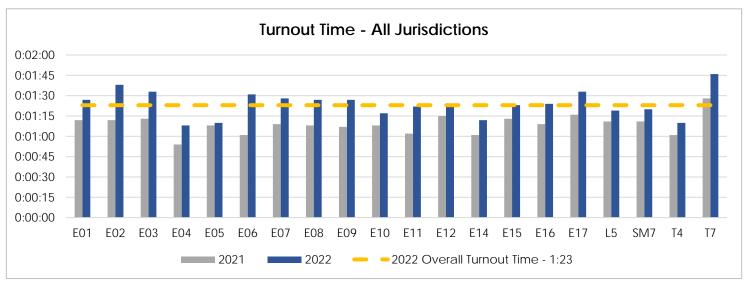
## 90th Percentile Times by Shift

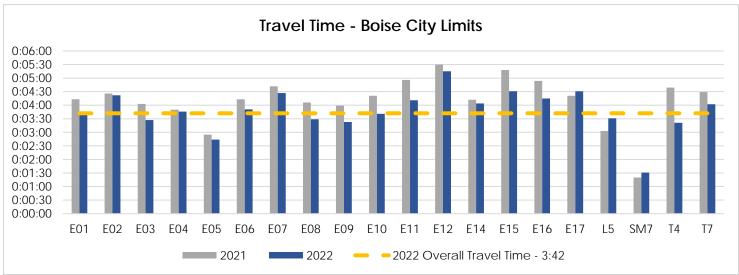


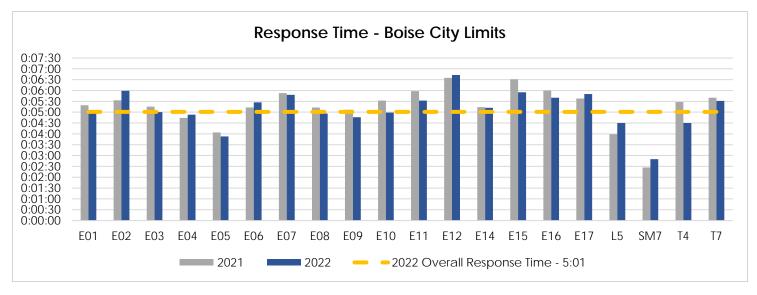




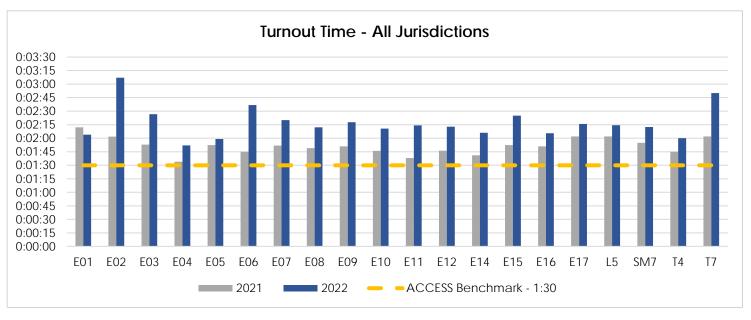
## **Average Times by Unit**

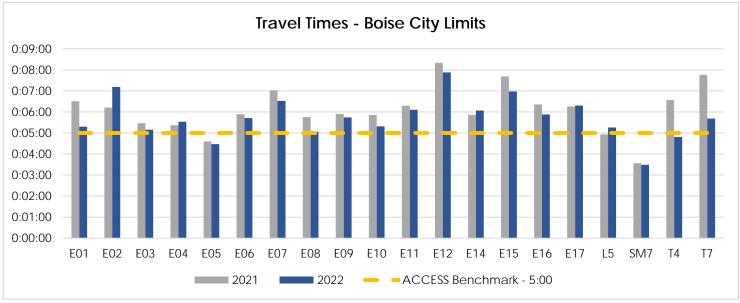


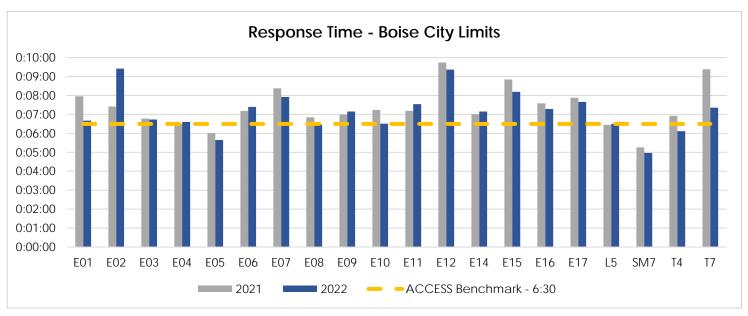




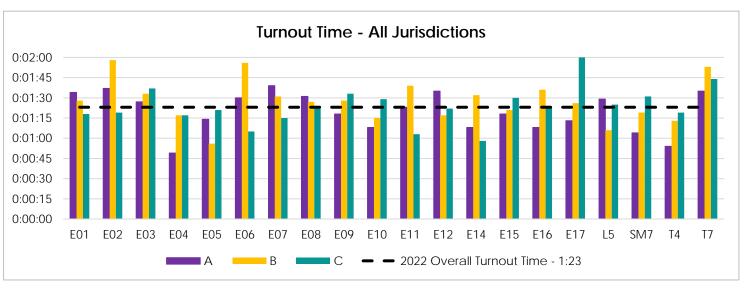
# 90th Percentile Times by Unit

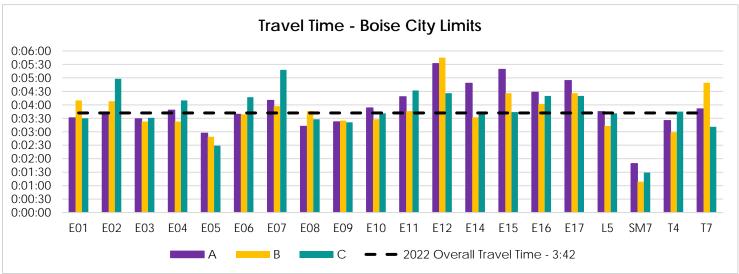


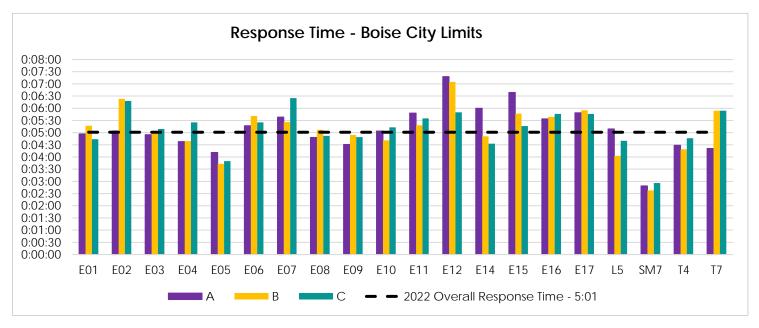




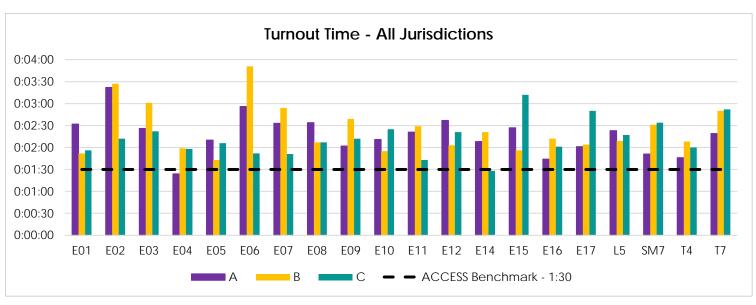
## 2022 Average Times by Unit & Shift

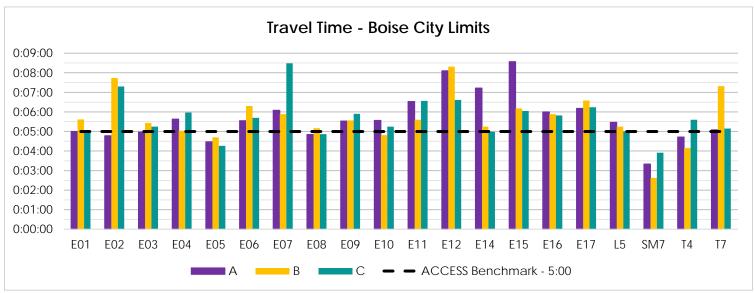


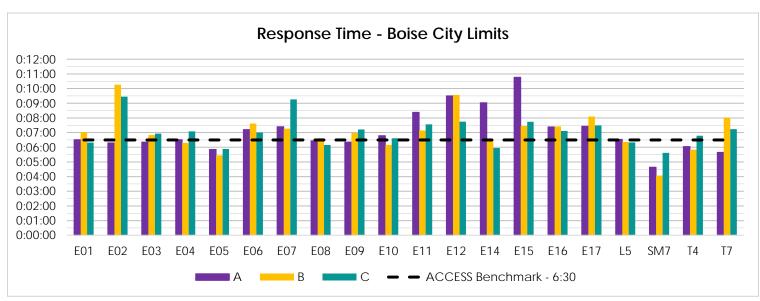




# 2022 90th Percentile Times by Unit & Shift







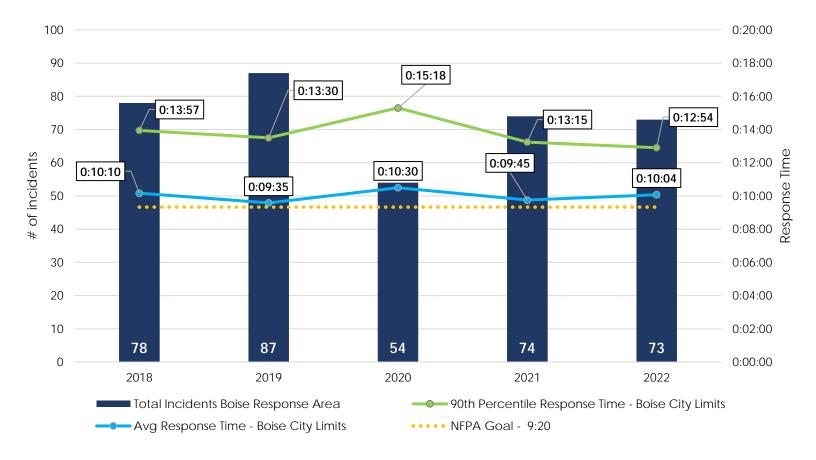
### **Effective Response Force**

The Effective Response Force (ERF) is the number of people and apparatus that are necessary for initial attack on a structure fire. Boise Fire has determined its ERF is three engines, one truck, one battalion chief, and one safety officer.

In calculating the 90<sup>th</sup> percentile for the Department's ERF arrival time, only structure fire incidents that meet the following criteria are included.

- ✓ Incident type codes: 111, 121, 122, 123, 120.
- ✓ priority code of P5 Delta, P6 DeltaPlus, or P7 Echo
- ✓ traveled to with lights and sirens (not upgraded or downgraded)

Response times for ERF incidents that meet these criteria are calculated from when dispatch notifies the first unit to when the fifth apparatus arrives on scene. The safety officer's response time is not included.



ERF incidents with response times greater than 60 minutes were not considered for response time calculations.

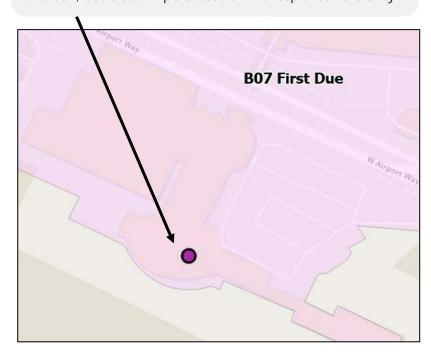
## **Response Reliability**

Response reliability is the **probability that the engine that is first due in an area will arrive first to incidents in that area.** It is a measure of availability and busyness of engine companies. Response reliability was calculated for all incidents and emergent incidents.

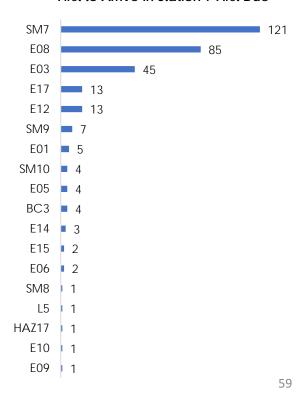
Response Reliability 2022								
First Due Area	All Incidents	Arrives First	Response Reliability	Change from Previous Year	% Difference 2022 - 2021	Emergent Incidents	Arrives First	Response Reliability Emergent Calls
BFD Station 2	284	255	89.8%	_	0.1%	112	100	89.3%
BFD Station 15	604	530	87.7%	▼	-2.3%	318	271	85.2%
BFD Station 12	582	497	85.4%	_	1.5%	323	273	84.5%
BFD Station 9	1,370	1,146	83.6%	_	1.3%	669	552	82.5%
BFD Station 17	700	585	83.6%	-	-1.3%	342	280	81.9%
BFD Station 4	1,820	1,517	83.4%	_	0.5%	994	842	84.7%
BFD Station 5	3,250	2,651	81.6%	~	-1.5%	1,575	1,287	81.7%
BFD Station 3	1,121	911	81.3%	▼	-1.9%	551	424	77.0%
BFD Station 8	1,884	1,517	80.5%	<b>A</b>	1.2%	957	763	79.7%
BFD Station 10	1,660	1,289	77.7%	_	1.0%	776	580	74.7%
BFD Station 11	1,117	856	76.6%	_	-2.0%	590	458	77.6%
BFD Station 14	1,467	1,091	74.4%	_	-2.7%	767	540	70.4%
BFD Station 1	970	717	73.9%	-	-2.2%	463	338	73.0%
BFD Station 16	1,936	1,399	72.3%	_	0.1%	888	602	67.8%
BFD Station 7	975	662	67.9%	~	-3.5%	510	313	61.4%
BFD Station 6	2,015	1,049	52.1%	-	-9.2%	1,115	567	50.9%
Total	21,755	16,672	76.6%	_	-1.6%	10,950	8,190	74.8%

Engine 6's crew responded from Station 18 from 9/24/2021 to 5/23/2022, which affected their response reliability. June through December of 2022 Engine 6 had an 79.8% response reliability.

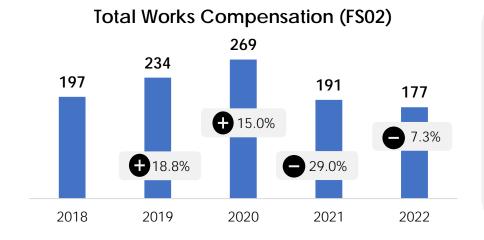
Smokey Units arrived at 3201 W Airport Way 133 times in 2022. This may not be the exact location of the incident since the general airport address was used to dispatch the call, but does impact Station 7's response reliability.



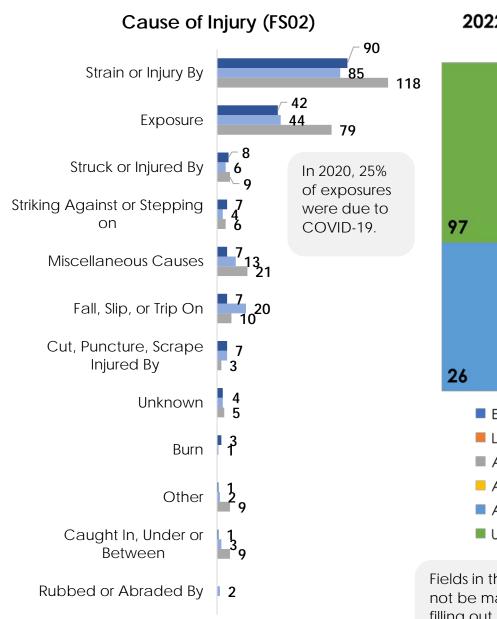
#### First to Arrive in Station 7 First Due



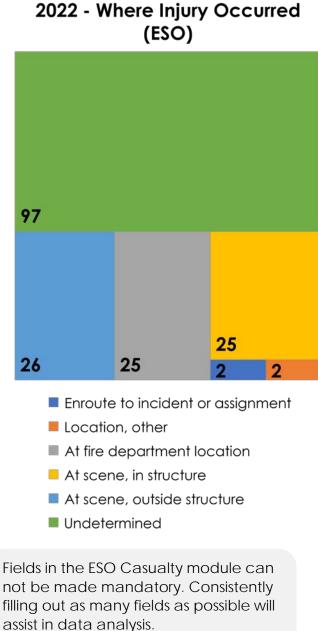
### **Firefighter Casualties**



The following data was pulled from the worker's compensation (FS02) database, except for where the injury occurred which is only available in ESO. When an injury occurs, an FS02 should be completed and a casualty should be added to the ESO record. BFD began entering casualty data into ESO more consistently in 2021.

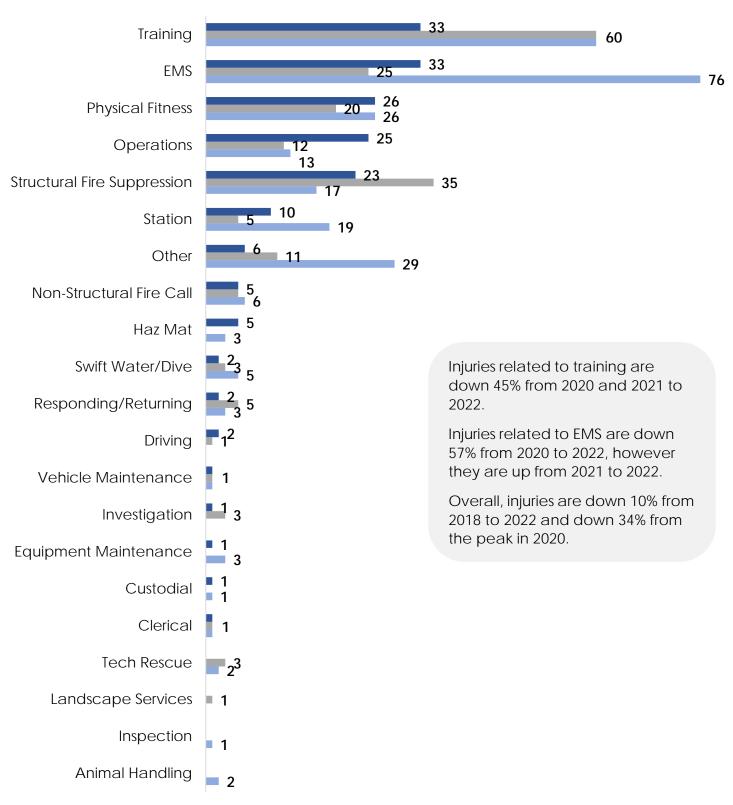


**■**2022 **■**2021 **■**2020



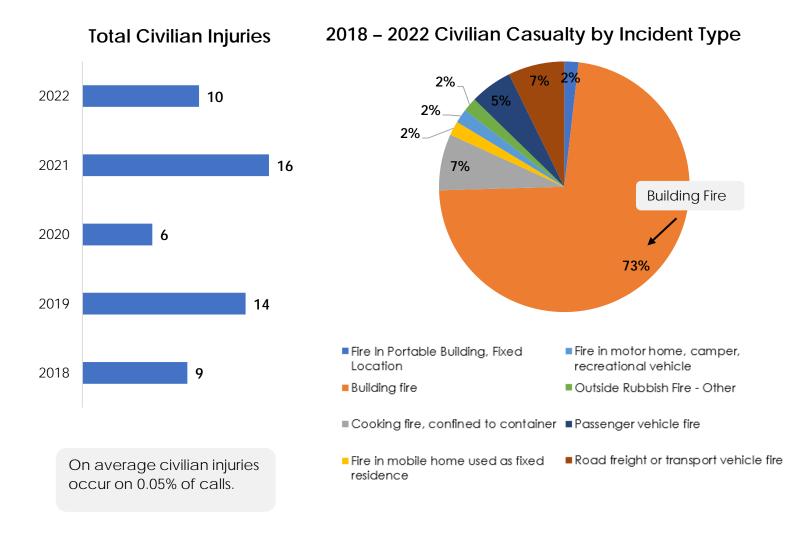
# **Firefighter Casualties**

#### Firefighter Activity at Time of Injury (FS02)



**■**2022 **■**2021 **■**2020

### **Civilian Casualties**



#### Civilian Injuries by Severity

