

Star Fire District

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INCIDENT SUMMARY

Star Fire District provides fire/first responder (career) services for our community. Through September 30, 2014, a total of 503 emergency incidents have been responded on. Below is a breakdown of the responses by Star Fire District.

	2014
FIRES	49
Building Fires	18
Vehicle Fires	2
Other Fires	29
OVERPRESSURE, RUPTURES	0
RESCUE CALLS	295
Emergency Medical	226
Auto Accidents	32
All Other Rescue	37
HAZARDOUS CONDITIONS	22
SERVICE CALLS	54
GOOD INTENT CALLS	65
FALSE CALLS	18
Malicious False Calls	0
Other False Calls	18
OTHER CALLS	0
TOTAL CALLS	503
TOTAL FIRE DOLLAR LOSS	\$750,030
TOTAL PROPERTY VALUE	\$750,030

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Suppression Division Benchmarks - 2014

Star Fire District provides fire/first responder (career) services for our community. Through September 30, 2014, a total of 503 emergency incidents have been responded on. Below is a breakdown of the suppression division activities.

Suppression Employees 12
Staff Employees 1

DAILY STAFFING LEVELS

Daily Staffing Levels at 3 154
Daily Staffing Levels at 4 119

EMERGENCY RESPONSE TIMES

Average Number of Responses/Day 1.4
Average Dispatch Time 365.6 minutes

Average En Route Time (Fire) 0.9 minutes
Average Response Time (Fire) 5.4 minutes

Average En Route Time (EMS) 1.1 minutes
Average Response Time (EMS) 12.3 minutes
Average Time to Reach Patient 0.9 minute

FIRE PREVENTION / SUPPRESSION DIVISION

Fire Safety Inspections/Preplans 0

Education Programs Delivered 12
Education Program Attendees 319

Smoke Detectors Installed/Inspected 11

Car Seat Technicians 0
Car Seats Installed/Inspected 0

Juvenile Firesetter Program Members 0
Juvenile Firesetter Interviews 0

Hydrants Inspected/Flushed 205

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Response Time Analysis - 2014

Response times are one method of measuring the emergency response capabilities of a fire department. In suburban/rural areas, the NFPA 1720 standard calls for a volunteer department to mount a fire attack within 10 minutes of dispatch with a staff of 10 or more personnel, 80% of the time. Star Fire District met this standard during the previous year.

	En Route	Response
Average	01:08	04:39
Longest	04:57	22:55
Quickest	00:00	00:00

	Number of Incidents	
< 4 Minutes	109	140
4 - 5 Minutes	134	44
5 - 6 Minutes	28	17
6 - 7 Minutes	6	20
7 - 8 Minutes	1	20
8 - 9 Minutes	0	14
9 - 10 Minutes		7
> 10 Minutes		16

En route times are calculated from the time of fire department notification to the time the first department unit checks en route with dispatch

Response times are calculated from the time the first fire apparatus checks en route to the time of the first arriving fire department unit

Time calculations based on unit emergency response (lights/sirens)

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Suppression Division Benchmarks - 2014

Monthly Incident Responses			Incident Responses By Day	
Month	Count	Percentage	Hour	Count
January	47	9.34%	Sunday	63
February	45	8.95%	Monday	79
March	52	10.34%	Tuesday	71
April	50	9.94%	Wednesday	78
May	57	11.33%	Thursday	65
June	55	10.93%	Friday	75
July	80	15.90%	Saturday	72
August	60	11.93%		
September	57	11.33%		
October				
November				
December				

Incident Responses By Hour

Hour	Count	Hour	Count
00:00	16	12:00	19
01:00	16	13:00	28
02:00	15	14:00	16
03:00	15	15:00	27
04:00	7	16:00	31
05:00	12	17:00	39
06:00	19	18:00	24
07:00	17	19:00	29
08:00	18	20:00	18
09:00	18	21:00	28
10:00	22	22:00	28
11:00	26	23:00	15

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BENCHMARK STATISTICS - 2014 ***SUPPRESSION DIVISION***

TEN BUSIEST DAYS BY SHIFT

A Shift

<u>Date</u>	<u>Count</u>
09/23/2014	6
09/04/2014	4
06/07/2014	4
06/30/2014	4
07/01/2014	3
07/07/2014	3
07/18/2014	3
07/19/2014	3
07/30/2014	3
08/06/2014	3

B Shift

<u>Date</u>	<u>Count</u>
03/17/2014	6
08/20/2014	5
03/11/2014	4
02/09/2014	4
07/09/2014	4
08/08/2014	4
08/14/2014	3
07/21/2014	3
07/27/2014	3
07/15/2014	3

C Shift

<u>Date</u>	<u>Count</u>
01/06/2014	5
06/29/2014	5
07/11/2014	5
07/04/2014	4
07/29/2014	4
04/06/2014	4
05/24/2014	4
06/17/2014	4
03/19/2014	4
04/12/2014	3

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Cancelled En Route Incidents - 2014

As part of incident response analysis, a fire department should look at the number of times it is dispatched and cancelled en route Through December 31, 2013

Star Fire District was cancelled 50 times, which accounts for 9.94% of the run volume. Below is a breakdown of these incidents.

Incident Type	Count	%
611 Dispatched & cancelled en route	1	2.00
611B Dispatched & UTL - Grass Fire	1	2.00
611E Dispatched & cancelled en route - Fire	18	36.00
611F Dispatched & cancelled en route - EMS	14	28.00
611G Dispatched & cancelled en route - Auto Accident	3	6.00
611H Dispatched & cancelled en route - Auto Alarm	1	2.00
611K Dispatched & cancelled en route - Other Reason	12	24.00

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Incident Counts by Station & Shift - 2014

<u>Star Fire District Station 51</u>				
<u>Incident Type</u>	<u>A Shift</u>	<u>B Shift</u>	<u>C Shift</u>	<u>Total</u>
Fire	13	16	18	47
Overpressure Rupture, Explosion, Overheat	0	0	0	0
Rescue & Emergency Medical Service	81	107	107	295
Hazardous Condition	7	12	3	22
Service Call	21	13	20	54
Good Intent Call	28	21	16	65
False Alarm & False Call	8	5	5	18
Severe Weather & Natural Disaster	0	0	0	0
Special Incident Type	0	0	0	0
Station S51 Total	158	174	169	501
Station S51 Average Incidents/Day	1.3	1.4	1.4	1.4
Shift Total	159	175	169	503
Average Incidents/Day/Shift	1.3	1.4	1.4	1.4
Total Dollar Loss	\$600,000	\$30	\$150,000	\$750,030

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Apparatus Responses by Incident Type - 2014

NFIRS Incident Type Groups

Apparatus	100	200	300	400	500	600	700	800	900	Total
Staff Vehicle	5									5
Brush 51	20			1		10	2			33
Engine 51	25		293	21	54	49	16			458
Engine 52						1				1
Water Tender 51	8					7				15

NFIRS Incident Type Groups (Descriptions)

100 - Fires

200 - Rupture, Overpressure

300 - EMS

400 - Hazardous Conditions

500 - Service Calls

600 - Good Intent

700 - False Calls

800 - Severe Weather

900 - Special Incidents

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EMS Data Analysis - 2014

Star Fire District provides emergency medical services to a diverse population within our community, having responded on 322 emergency medical incidents in 2014.

The demographics below reflect how often Star Fire District had patient contact, the types of incidents and the locations we responded to last year.

EMS Incident Demographics

Total EMS Calls	322
Total Patients	275
% EMS Calls with Patients	85.40%
Total Patients	275
# Patients Transported	257
% of Total Patients Transported	93.45%

NFIRS Incident Types

EMS, No Patient	2
Public Assist	14
Paramedic Assist	26
EMS, excluding vehicle accident	226
Vehicle Accidents	34
Cancelled En Route	17
Rescue Calls	1
EMS Standby	2
Medical Alarm Activations	1

NEMSIS Location of Call

Home/Residence	184
Farm	2
Mine or Quarry	0
Industrial Place or Premise	0
Place of Recreation or Sport	0
Street or Highway	43
Public Building (schools, govt office)	4
Trade/Service (business, bars, restaurants, etc)	11
Health Care Facility (Doctors Office, Clinics, etc.)	25
Residential Institution (nursing home, jail/prison, etc.)	26
Lake, River, Ocean	1
Other Location	10
Undetermined	4

** Incident type 554A - Medical Alarm Activation was added in late 2013 to the incident type list.*

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EMS Data Analysis - 2014

Star Fire District provides emergency medical services to a diverse population within our community, having responded on 322 emergency medical incidents in 2014.

Below is a list of the medical calls that Star Fire District responded on last year.

Complaint Reported by Dispatch

Abdominal Pain	14	Industrial Accident	0
Allergies	4	Ingestion/Poisoning	1
Altered Mental Status	1	Intercept	0
Animal Bites	0	Invalid/Lift Assist	3
Assault	5	Machine/Equipment Injury	0
Assault - Sexual	0	Man Down	0
Auto vs Pedestrian	2	MCI (Mass Casualty Incident)	0
Back Pain	7	Medical Alarm	5
Breathing Problems	30	Medical Transport	2
Burns	0	Other	15
CO Poisoning/Hazmat	0	Overdose	12
Cardiac Arrest	6	Pain	3
Chest Pain	18	Possible DOA	0
Choking	1	Pregnancy/Childbirth	2
Convulsions/Seizure	5	Psychiatric Problems	0
Diabetic Problem	3	Respiratory Arrest	0
Drowning	1	Sick Person	39
Electrocution	0	Stab/Gunshot Wound	1
Eye Problem	0	Standby	0
Fall Victim	0	Stroke/CVA	14
Fire Standby	0	Traffic Accident	34
Hazmat Standby	0	Transfer/Palliative Care	0
Headache	2	Traumatic Injury	6
Heart Problems	0	Unconscious/Fainting	15
Heat/Cold Exposure	0	Unknown Problem	0
Hemorrhage/Laceration	44	Not Available	0

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EMS Data Analysis - 2014

Star Fire District provides emergency medical services to a diverse population within our community, having responded on 275 patients in 2013. Some of the patient demographics for these responses are listed below.

Patient Demographics

Gender

Male 104
Female 148

Age (in years)

0 - 10 9
11 - 20 22
21 - 30 15
31 - 40 25
41 - 50 21
51 - 60 20
61 - 70 41
71 - 80 32
81 - 90 52
91 & older 15

Patient Disposition

Cancelled 1
Dead at Scene 2
No Patient Found 2
No Treatment Required 21
Patient Refused Care 11
Treated and Released 29
Treated, Transferred Care 203
Treated, Transported by EMS 4
Treated, Transported by Law Enforcement 0
Treated, Transported by Private Vehicle 1

** NOTE - Some data fields for non-transport patient records were not collected in 2013, which will account for differences in totals*

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Mutual Aid Summary - 2014

Response times are one method of measuring the emergency response capabilities of a fire department. The use of mutual aid by a fire department can help it meet the manning standards set for fire ground operations in the NFPA 1710/1720 standards.

Type of Aid	Count	Type of Aid	Count
<u>BUREAU OF LAND MANAGEMENT</u>		Total for Department	23
Mutual aid given	1	<u>STAR FIRE DISTRICT</u>	
Total for Department	1	Automatic aid received	2
<u>BOISE FIRE DEPARTMENT</u>		Total for Department	2
Mutual aid given	1		
Automatic aid given	1		
Total for Department	2		
<u>CALDWELL FIRE DEPARTMENT</u>			
Mutual aid received	4		
Automatic aid received	2		
Other aid given	1		
Total for Department	7		
<u>EAGLE FIRE DEPARTMENT</u>			
Mutual aid received	3		
Automatic aid received	4		
Mutual aid given	13		
Automatic aid given	38		
Total for Department	58		
<u>MERIDIAN CITY FIRE</u>			
Mutual aid received	5		
Automatic aid received	1		
Mutual aid given	7		
Automatic aid given	14		
Total for Department	27		
<u>MERIDIAN RURAL FIRE</u>			
Automatic aid given	1		
Other aid given	1		
Total for Department	2		
<u>MIDDLETON FIRE & RESCUE</u>			
Mutual aid received	9		
Mutual aid given	6		
Automatic aid given	8		

**In the context of this report mutual received indicates that the Star Fire District provided aid to the listed agency, while mutual given indicates that the Star Fire District requested aid from the listed agency*

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Training Benchmarks - 2014

Star Fire District trains its personnel to nationally recognized standards to provide the best service possible for our community. Below is a breakdown of the training division activities through December 31, 2013.

Hours of Training Delivered This Year	2778
Training Classes Delivered This Year	368
Training Hours per Staff Member	231.46

Training Hours By Category

Firefighter I	51
Firefighter II	0
Driver/Operator	49
Fire Officer	0
Fire Inspector	6
Fire Investigator	0
Fire Instructor	0
Rapid Intervention Team	28
Technical Rescue	31
Personal Protective Equipment	6
Hazardous Materials	0
EMS	59
General Company Operations	100
Wildland/Urban Interface	268
Physical Fitness	149
Engine Company Standards	120
Truck Company Standards	4
Multi-Company Standards	141
Step-up Position Training	1389
Idaho Emergency Services Classes	14