



Bondurant Emergency Services Annual Report

FY 2017

Presented by Chief Aaron Kreuder



Bondurant Emergency Services State of the Department (2016 – 2017)

I am pleased to provide you with this Bondurant Emergency Services Annual Report. This report includes statistics regarding the type and number of calls, response times, staffing, apparatus conditions and performance measures utilized to deliver services to our customers.

As an emergency department responding to all types of situations, we continually look to the potential emergencies that await us. Our most valuable resource is our people. Full-time members who are instrumental in everything they do and our part-time and volunteer members who are at a premium due to the large amount of daytime hour calls and the training required to stay current for all emergencies. The demands are greater today than what they were yesterday and will be even greater tomorrow.

Bondurant Emergency Services responds to emergencies in Bondurant and throughout Eastern Polk County with minimal personnel who get the job done. Per the National Fire Protection Association (NFPA), we are to have, at a minimum, ten members in ten minutes 80% of the time for fire emergencies and two members in four minutes 90% of the time for medical emergencies. We hit the average for medical emergency calls but our times and numbers of people are very dismal for fire calls. When we get a fire emergency call, we have to call for mutual aid assistance during the week day, daytime hours when volunteers are not available. We also need to request assistance from other departments for second out emergencies during the week day. This is something that is happening more frequently as our community continues to grow.

We have come a long way from protecting our small town of yesterday to protecting the larger city of today. We need to implement pro-active procedures through additional public education, prevention programs, fire codes and safety procedures. Our occupational response has always been one of reactionary response and this trend needs to change. We need to educate citizens to construct and maintain safer homes and work environments as well as enforce the technology that is available today and will be in the future.

In closing, the volunteer, part-time and full-time members of Bondurant Emergency Services are professionals in every aspect of what they do. The dangerous environment that they work in gets deadlier every day. The preparation, training, and leadership ensure that every one of them returns home safely after every emergency response.

I hope this report is useful and informative. I encourage you to please email, call or stop in for additional information or to make any suggestions you may have.

Respectfully,

Aaron Kreuder

Aaron Kreuder, Fire Chief

Bondurant Emergency Services Apparatus:

		<i>Mileage - Hours</i>
414 / 4181	2006 Med-Tech Advance Life Support Ambulance 2X4 E-450	71,862 - 67,916
413 / 4180	2012 Lifeline (Remount) Advance Life Support Ambulance 4X4 F-450	27,484 - 1,410
417 / 4125	2006 Silverado Brush / Grass Truck 4X4	9,680 - 308
427 / Bus	1994 Mini Bus Scene Support / Basic Life Support	103,369 - N/A
428 / Boat	V bottom boat with outboard Mercury used for water rescue	N/A - N/A
429 / Gator	John Deere Gator All Terrain 4X6 (Off Road Rescue)	N/A - 915
411 / 4130	1995 Spartan / Welch Rescue - Engine (Primary Rescue Truck)	18,701 - 1,934
412 / 4140	2006 HME / Custom Fabrication Pumper - Tender (Primary Pumper)	8,630 - 1,126
416 / 4145	1993 Spartan / Welch Pumper - Tender (Primary Tender)	73,115 - 5,174
415 / 4160	1991 Sutphen Mini Tower - Ladder (Primary elevated waterway)	98,978 - 48,978
419 / 4110	2014 Chevy Tahoe 4X4 Command Center (Duty Vehicle)	13,471 - 1,039
410 / 4111	2014 Chevy Silverado 4X4 Utility / Rescue Truck	15,640 - 1,934

Incidents by Districts:

Baxter	1	0.21 %
Altoona	77	16.45 %
Delaware Township	12	2.56 %
Maxwell	4	0.85 %
Mitchellville	40	8.53 %
Pleasant Hill	6	1.28 %
Bondurant	318	67.98 %
Ankeny	2	0.42 %
Berwick	1	0.21 %
Colfax	1	0.21 %
Des Moines (east side)	4	0.85 %
Mingo	2	0.42 %



BONDURANT

Monthly Incident Counts By Station

Alarm Date Between {07/01/2016} And {07/01/2017}

Station #	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Percent
BNF	37	33	37	37	30	51	51	42	29	34	31	56	468	100.00%

Total Runs by Month											
Jan	37	Feb	33	Mar	37	Apr	37	May	30	Jun	51
Jul	51	Aug	42	Sep	29	Oct	34	Nov	31	Dec	56

Grand Total Runs: 468



BONDURANT

Average Turnout per Incident

Alarm Date Between {07/01/2016} And {07/01/2017}

Total Number of Incidents	468	Total Number of Responding Personnel	3256
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Average Turnout per Incident	7
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BONDURANT

Aid Responses by Department (Summary)

Alarm Date Between {07/01/2016} And {07/01/2017}

Type of Aid	Count	Type of Aid	Count
00021 Ankeny		COL Colfax	
Mutual aid received	4	Mutual aid given	1
	4		1
2500 Altoona Fire		MAX Maxwell Fire Dept	
Mutual aid received	28	Mutual aid received	1
Automatic aid received	1		1
Mutual aid given	50		
Automatic aid given	12	POLKCOUNTY POLK COUNTY DEPUTY	
	91	Other aid given	1
			1
3300 DELWARE			
Mutual aid received	4	RUNN Runnell's	
Mutual aid given	19	Mutual aid received	1
Automatic aid given	1		1
	24		
3500 Elkart			
Mutual aid received	1		
	1		
4100 Bondurant			
Mutual aid given	2		
	2		
4300 Pleasant Hill			
Mutual aid received	1		
Mutual aid given	5		
	6		
50168 Mingo			
Mutual aid given	1		
	1		
5700 Mitchellville			
Mutual aid received	4		
Mutual aid given	28		
	32		



BONDURANT

EMS To-Scene (Response) Time Analysis

Alarm Date Between {07/01/2016} And {07/01/2017}

To Scene (Response)			
Hrs	Mins	Count	Percent
	<	10	4.46 %
	01	29	12.94 %
	02	45	20.08 %
	03	42	18.75 %
	04	22	9.82 %
	05	22	9.82 %
	06	18	8.03 %
	07	9	4.01 %
	08	4	1.78 %
	09	7	3.12 %
	10	3	1.33 %
	11	5	2.23 %
	13	1	0.44 %
	14	1	0.44 %
	17	1	0.44 %
	18	1	0.44 %
	20	1	0.44 %
	22	1	0.44 %
	29	2	0.89 %



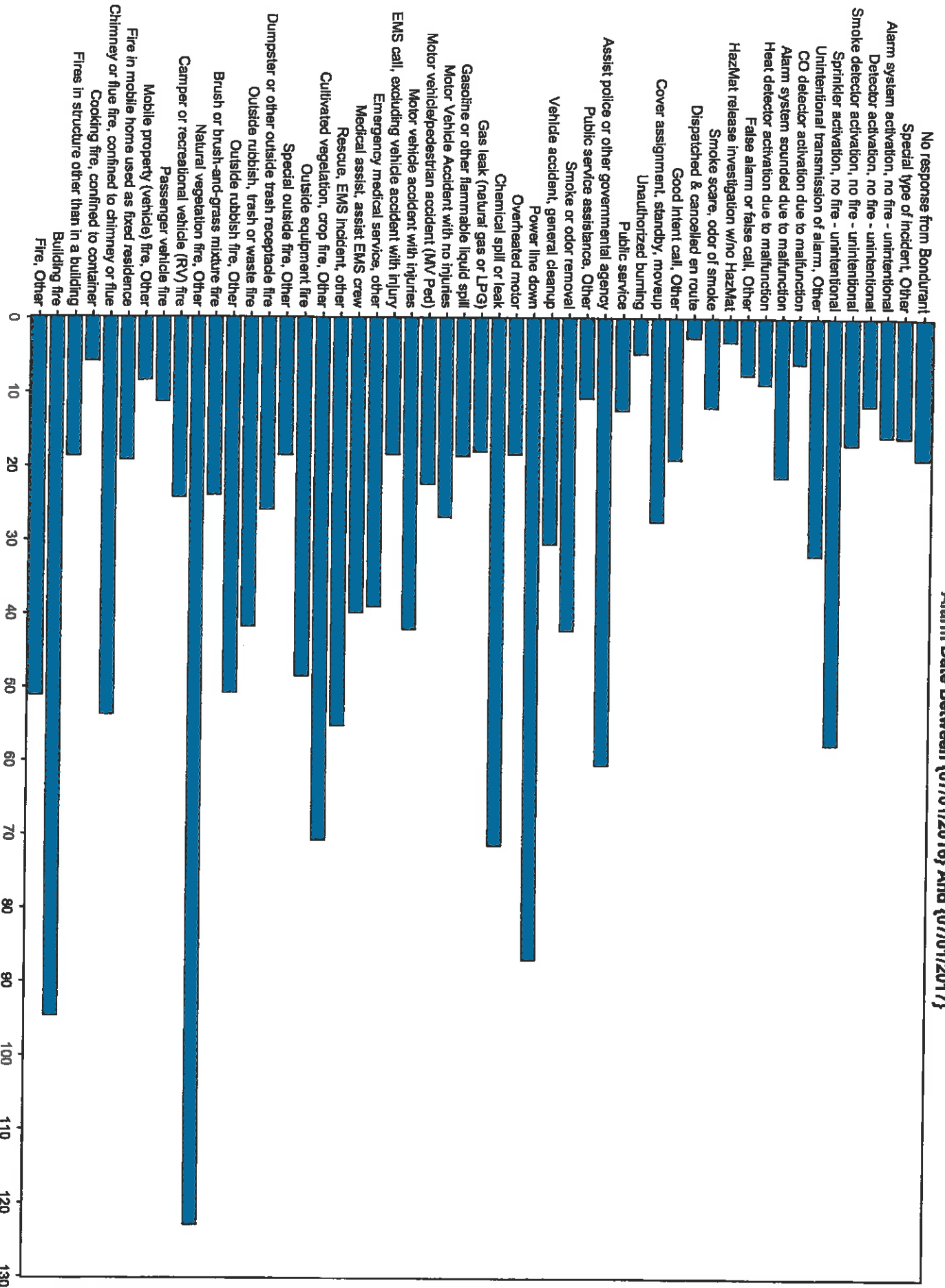
To-Scene (Response) time calculate from unit enroute to arrival at scene

07/26/2017 12:32

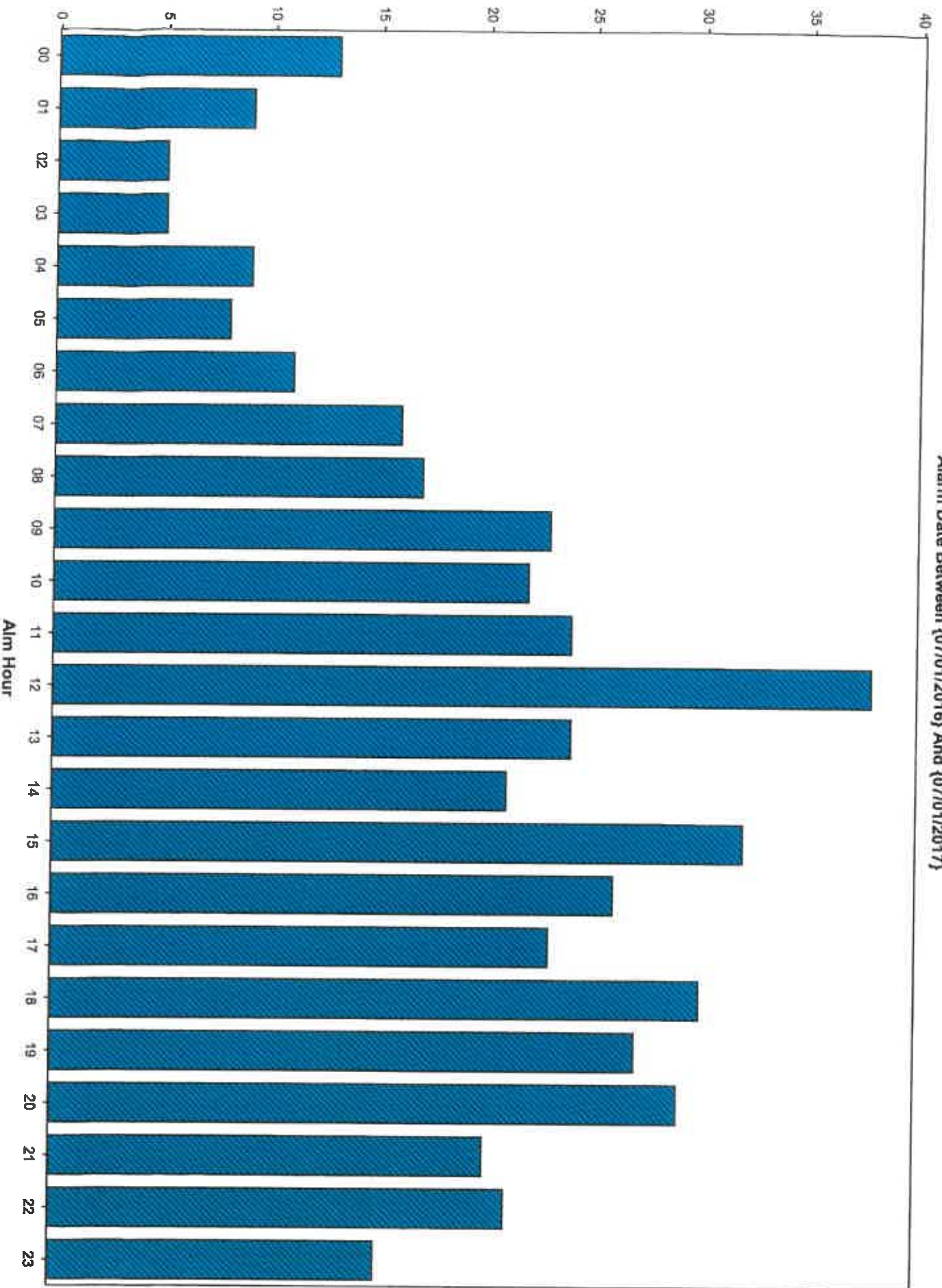
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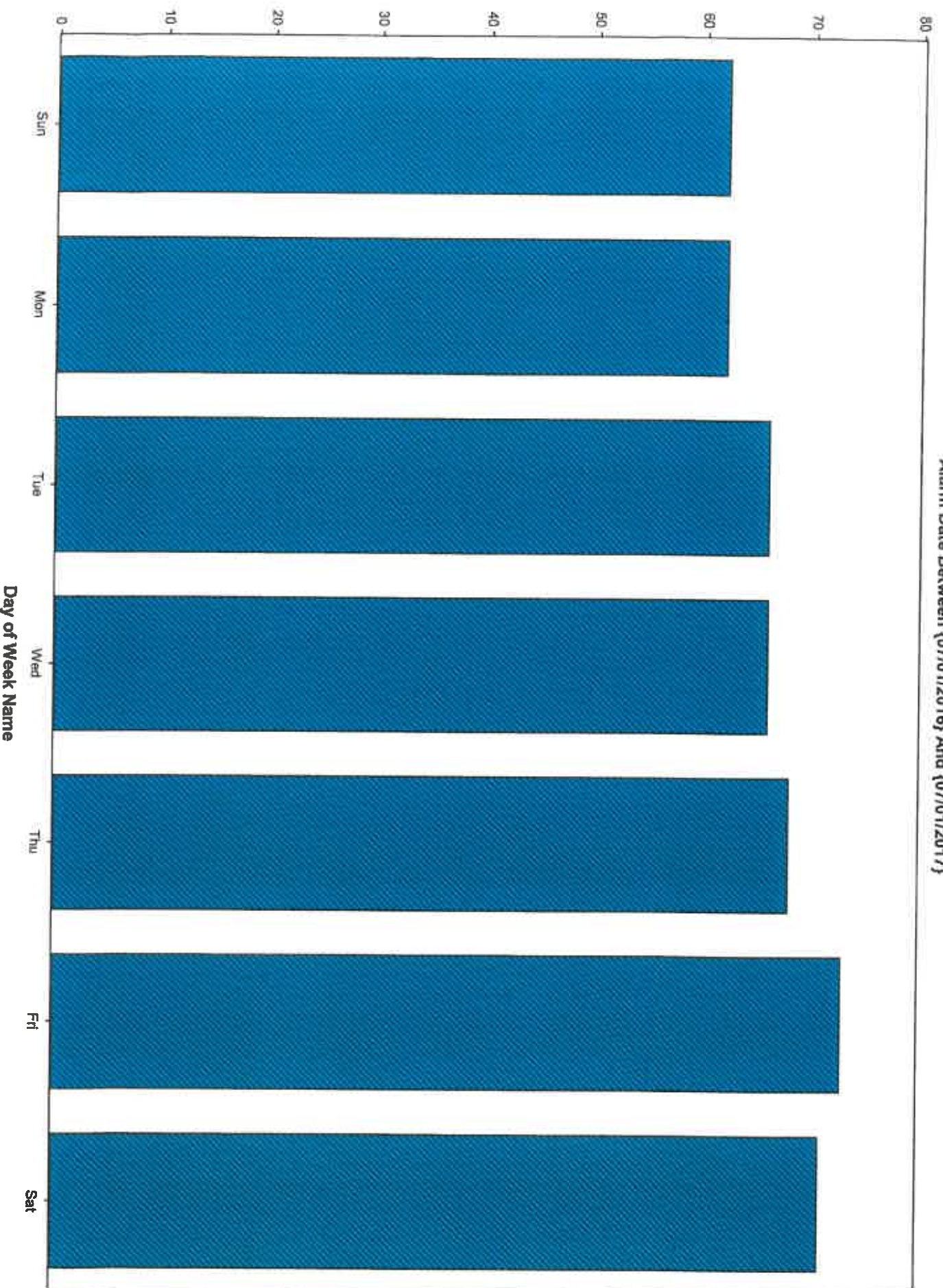
Average Minutes on Scene by Incident Type
Alarm Date Between {07/01/2016} And {07/01/2017}



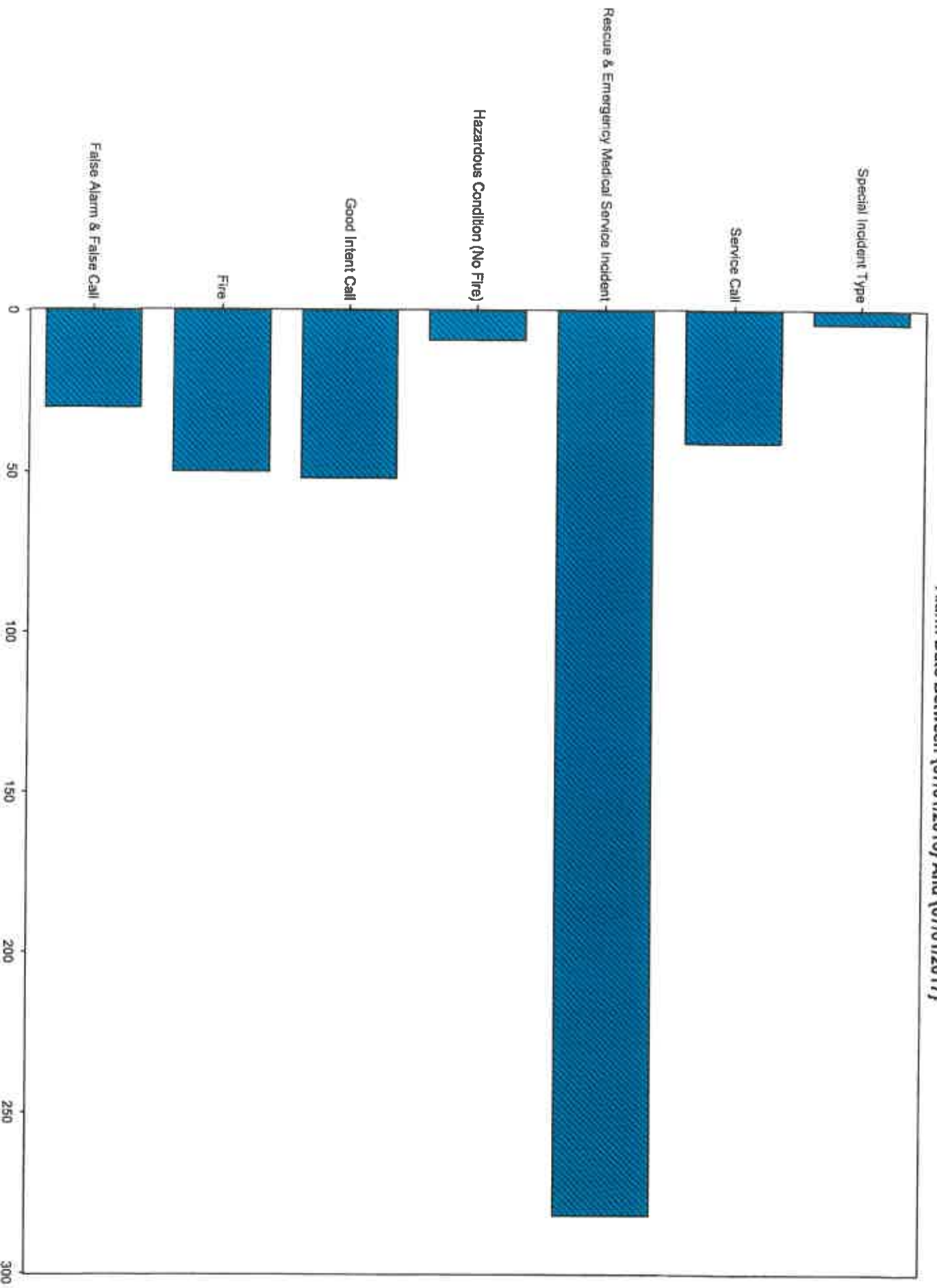
Count of Incidents by Alarm Hour
Alarm Date Between {07/01/2016} And {07/01/2017}



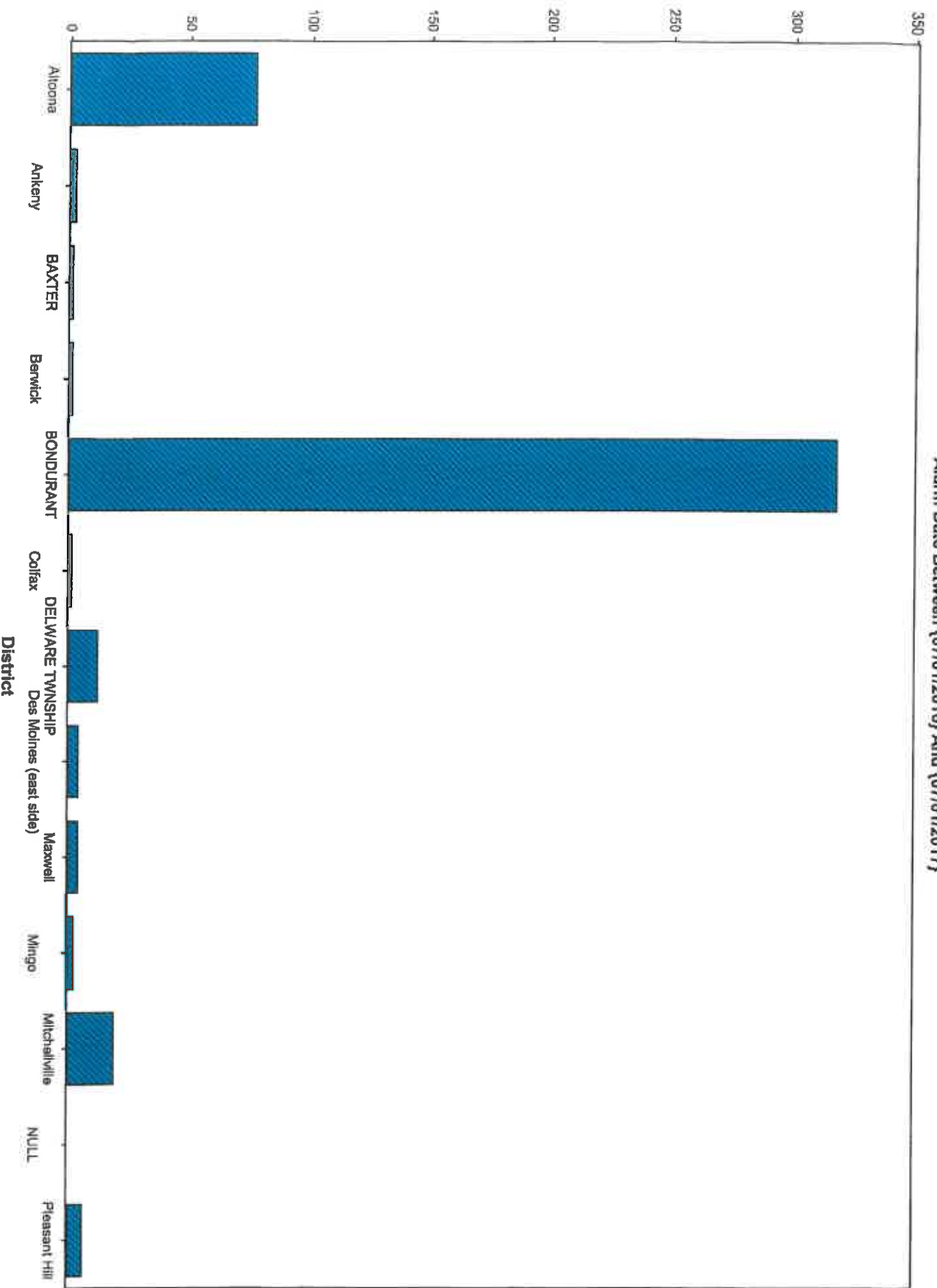
Incident Responses by Day of Week
Alarm Date Between {07/01/2016} And {07/01/2017}



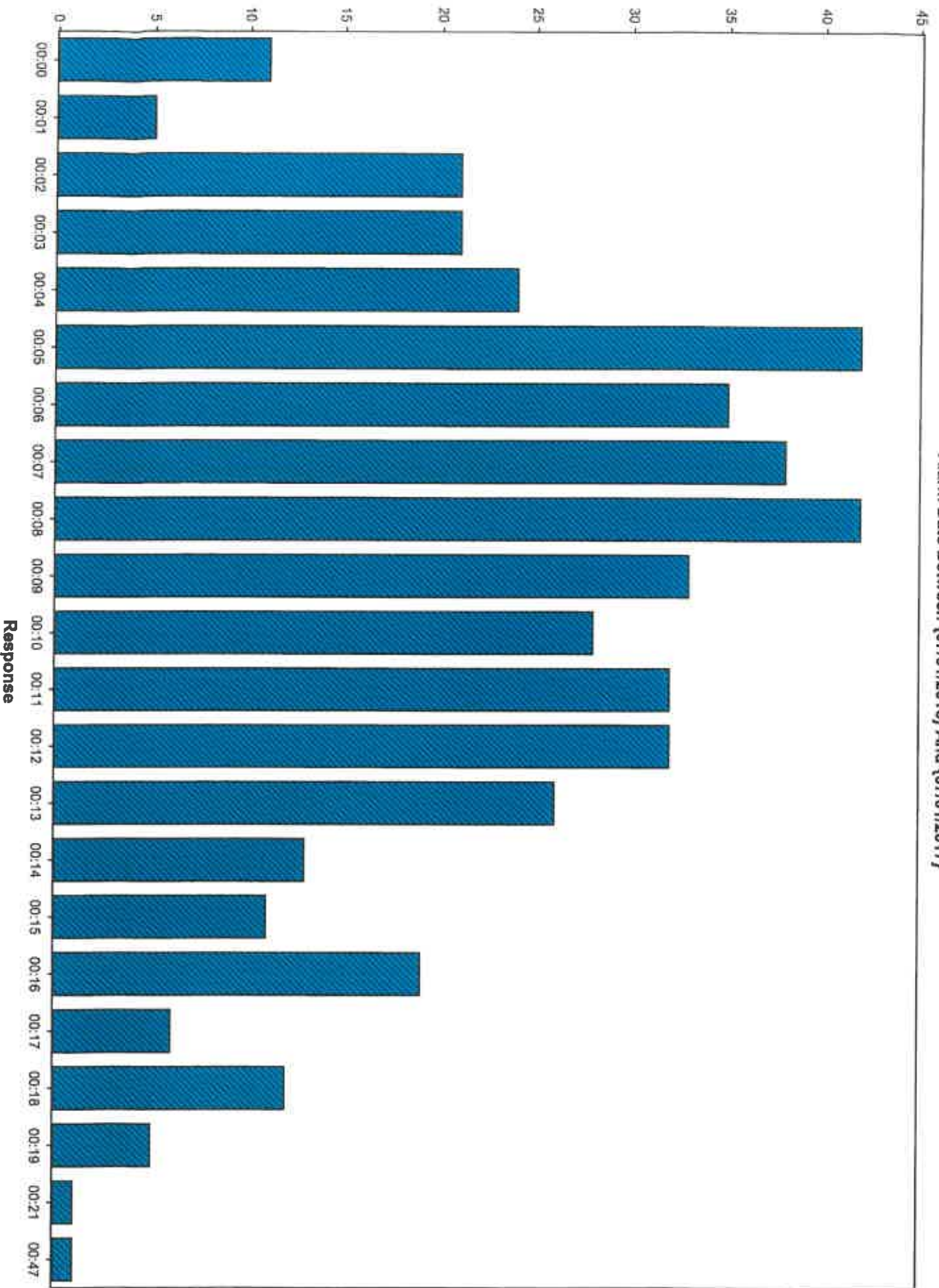
Incident Type Summary
Alarm Date Between (07/01/2016) And (07/01/2017)



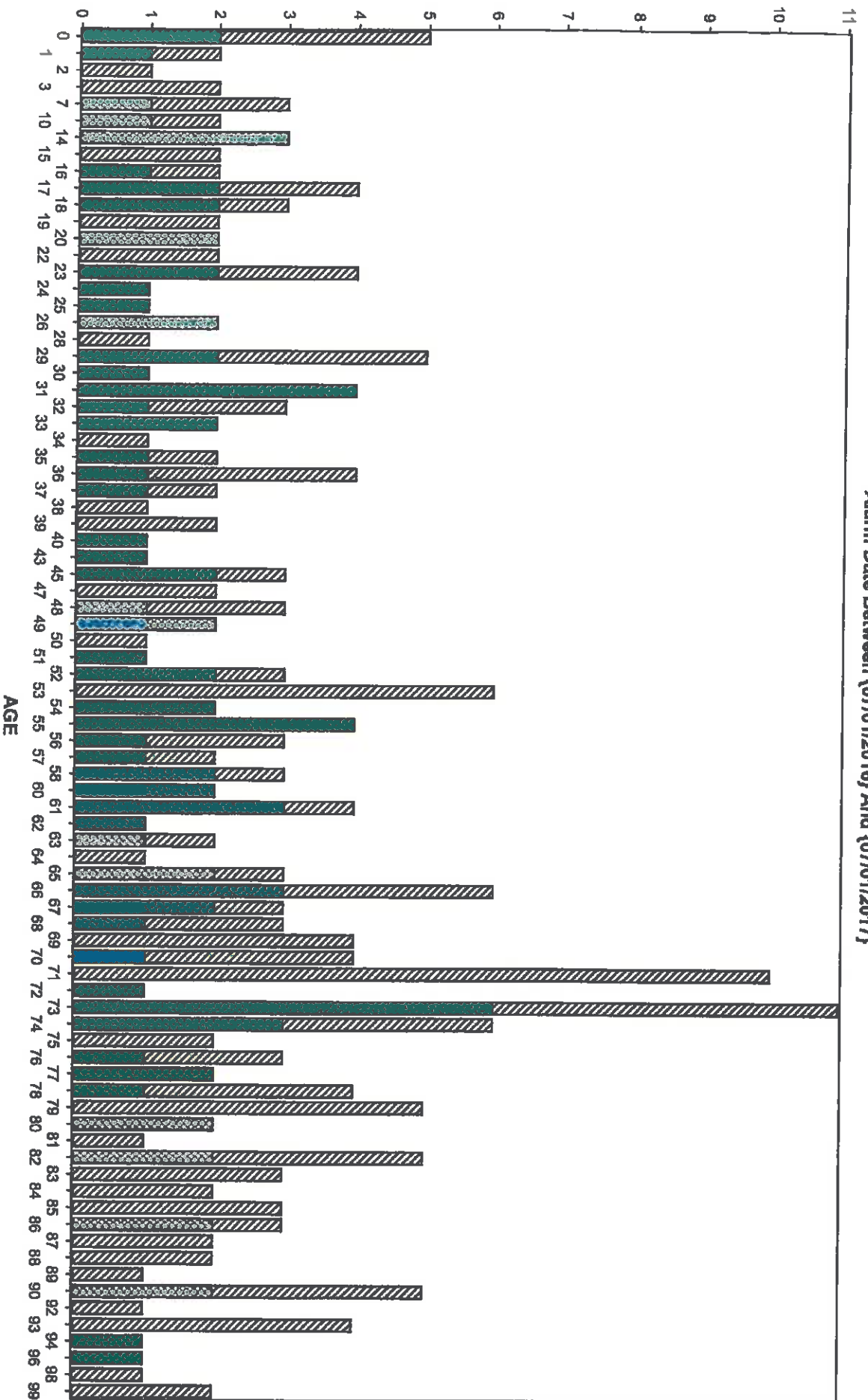
Incidents by District
Alarm Date Between {07/01/2016} And {07/01/2017}



NFIRS Incidents by Response Time (in minutes)
Alarm Date Between (07/01/2016) And (07/01/2017)

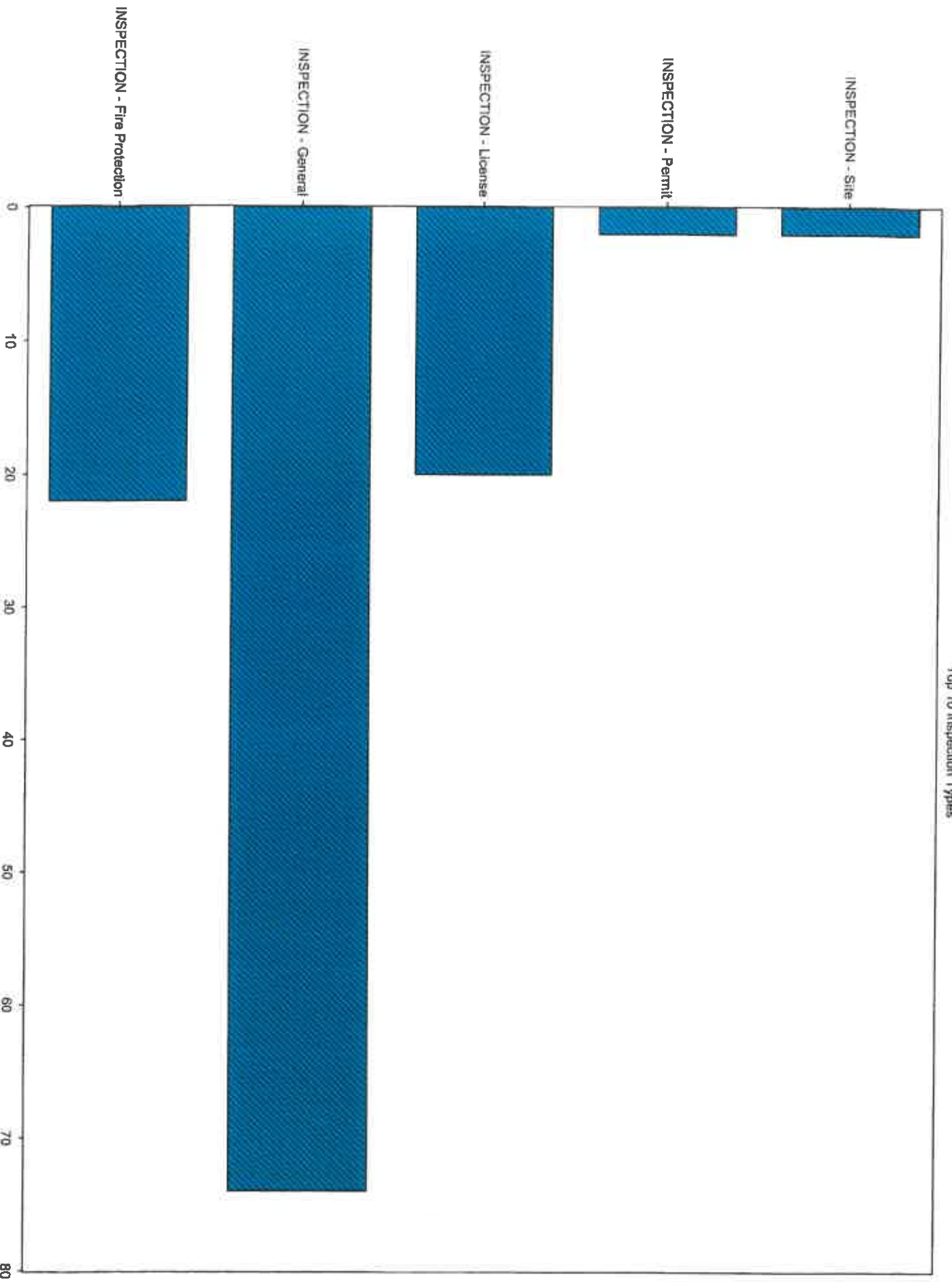


Patients by Age, Gender
Alarm Date Between {07/01/2016} And {07/01/2017}

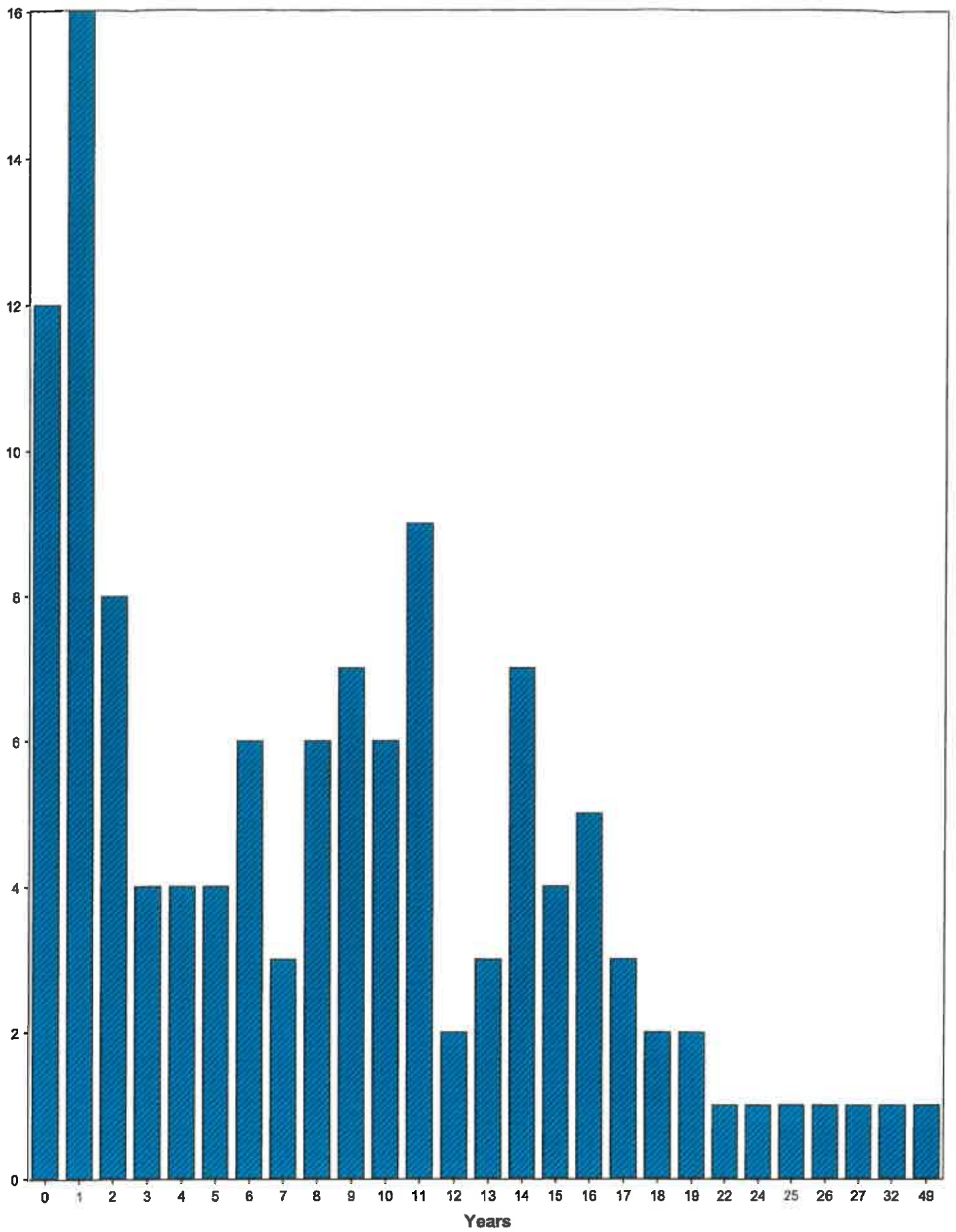


C_NULL
MALE
FEMALE

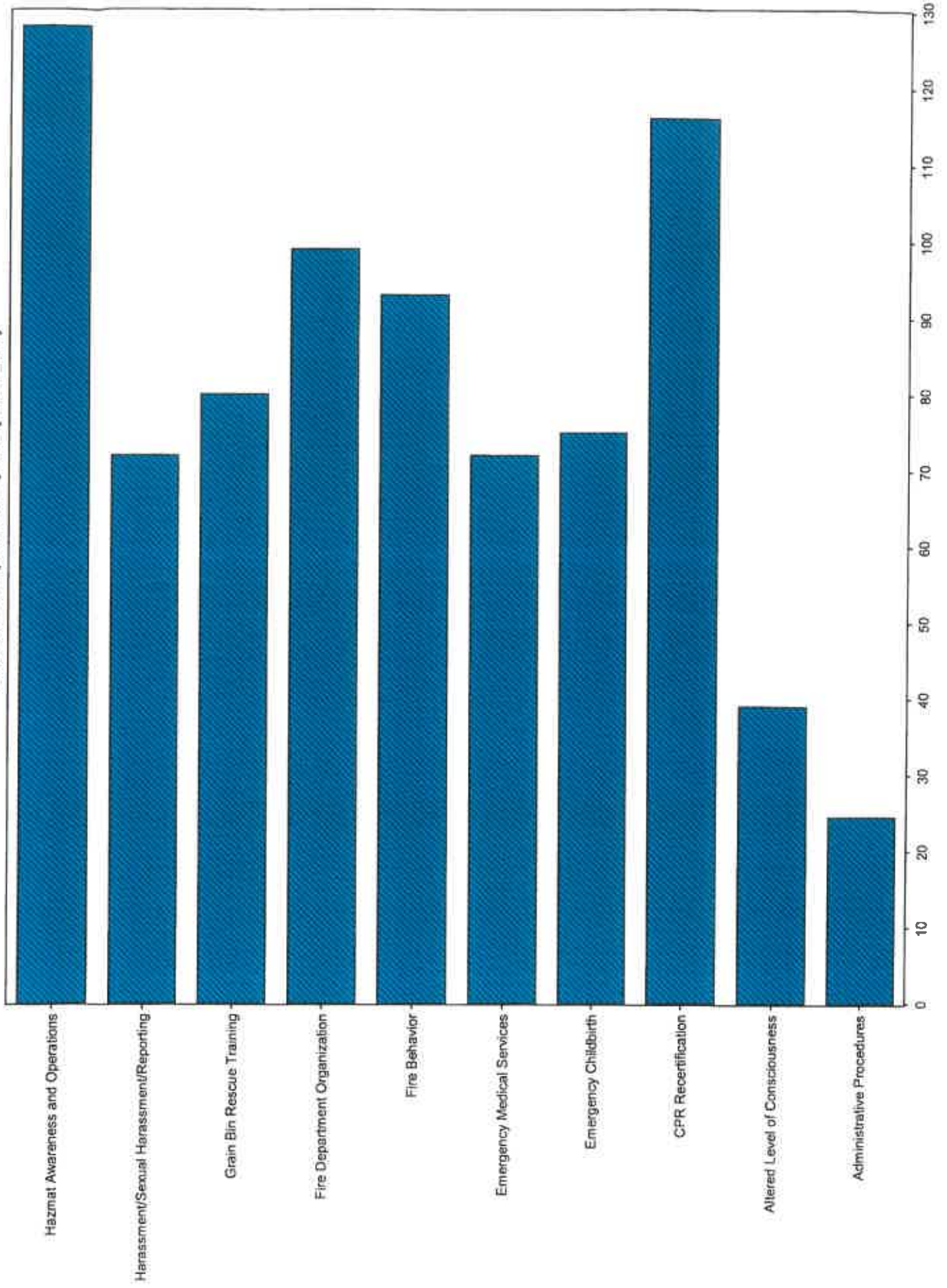
Top 10 Inspection Types



Years of Service



Total Staff Hours by Training Category
Date Between {07/01/2016} And {07/01/2017}



Fire vs EMS by Month
 Fire Alarm Date Between {07/01/2016} And {07/01/2017}
 EMS Alarm Date Between {07/01/2016} And {07/01/2017}

