



Burlington Fire Department Monthly Report September 2018

“The Mission of the Burlington Fire Department is to provide for the fire and life safety needs of the community in the most professional, courteous, and efficient manner possible.”

Operations

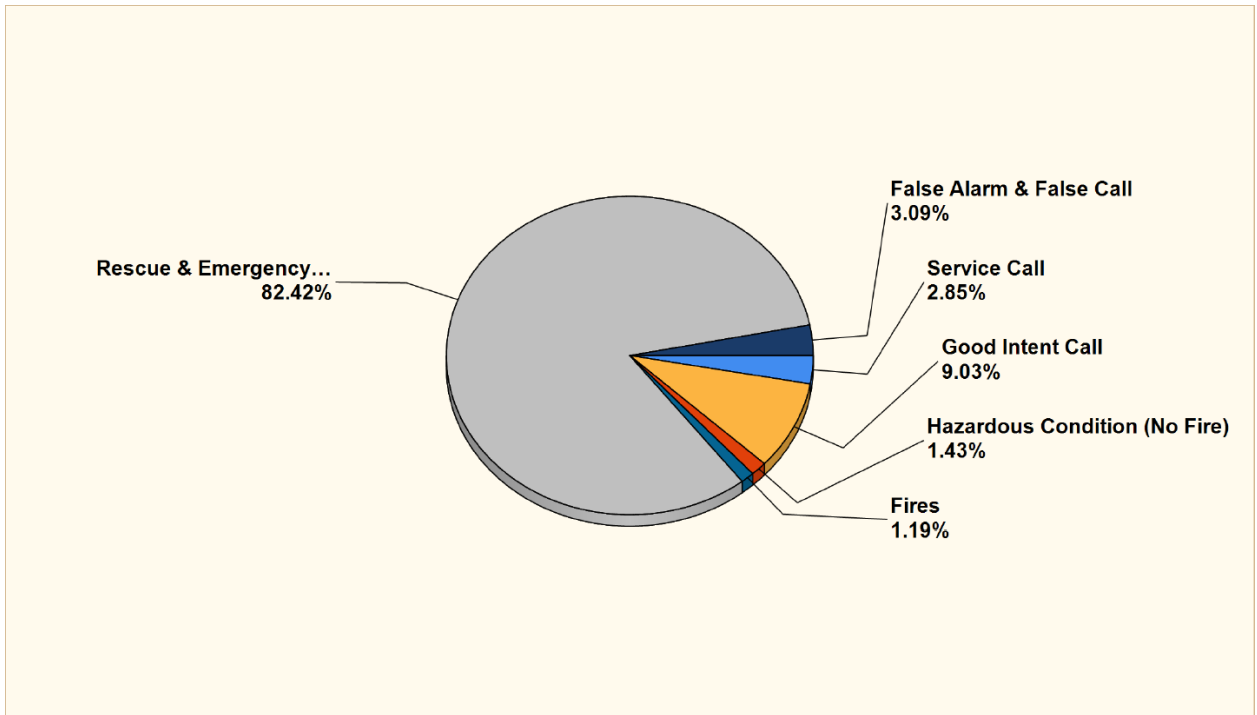
The Burlington Fire Department responded to 421 calls for service in September. 297 calls were in the city limits of Burlington. 35% of the calls were overlapping. The average response time for all emergency calls was 6 minutes and 29 seconds. The average response time for emergency calls in Burlington was 5 minutes and 6 seconds. This time starts when we are dispatched and ends when we arrive on the scene.

Several members of the Burlington Fire Department volunteered their time to organize the fire service component of the Hero Camporee which was held at the Southeast Iowa Regional Airport on Saturday, September 29th. They set up demonstrations, hands-on activities, and static displays. The demonstrations included an extrication exercise and an airport Crash Fire Rescue (CFR) simulated response. The Hero Camporee is a Scouting event that highlights 4 “hero” groups that include the military, EMS, law enforcement, and fire.





Figure 1 - Major Incident Types (September 2018)



Fire Prevention

Crews installed 50 smoke alarms and 4 carbon monoxide alarms in September. These alarms will protect 38 adults and 17 children in Burlington. Crews completed 12 home inspections. Pre-plans were completed on 7 area schools in September. Fire Marshal Crooks completed 31 inspections in September including several related to liquor licenses, permit required facilities, and daycare facilities.



Other Activities

- Firefighter Rosson and Fire Marshal Crooks received their 30-year tenure awards.
- The 9-11 Remembrance Ceremony was held at Central Fire Station.
- Crews participated in Heritage Days.
- Chief Trexel attended the DESCOM Advisory Board meeting and the Des Moines County EMS Association meeting.
- Fire Marshal Crooks attended the Iowa Association of Arson Investigators Conference.
- Deputy Chief Ryan attended the Henderson County EMS Association meeting and the Des Moines County Firefighter's Association meeting in Mediapolis.

- Crews participated in several events related to the Burlington Community High School Homecoming.
- Tiffany Siefken presented “The Physical Impacts of Trauma” on all three shifts.
- Lieutenant promotional testing was held at Central Fire Station.

2018 US fire statistics through October 8, 2018

- 1824 civilians have been killed in residential structure fires including 19 in Iowa
- 70 firefighters have died in the line of duty

Respectfully Submitted,

Matt Trexel

Fire Chief

Burlington Fire Department

Burlington, IA

This report was generated on 10/5/2018 1:31:31 PM



Incident Statistics

Start Date: 09/01/2018 | End Date: 09/30/2018

INCIDENT COUNT			
INCIDENT TYPE		# INCIDENTS	
EMS		347	
FIRE		74	
TOTAL		421	
TOTAL TRANSPORTS (N2 and N3)			
APPARATUS	# of APPARATUS TRANSPORTS	# of PATIENT TRANSPORTS	TOTAL # of PATIENT CONTACTS
0	0	0	0
751	112	160	160
752	30	41	41
753	39	50	51
754	10	12	12
755	69	83	83
TOTAL	260	346	347
PRE-INCIDENT VALUE		LOSSES	
\$25,500.00		\$15,500.00	
CO CHECKS			
736 - CO detector activation due to malfunction		2	
TOTAL		2	
MUTUAL AID			
Aid Type		Total	
Aid Given		1	
Aid Received		1	
OVERLAPPING CALLS			
# OVERLAPPING		% OVERLAPPING	
147		34.92	
LIGHTS AND SIREN - AVERAGE RESPONSE TIME (Dispatch to Arrival)			
Station	EMS	FIRE	
Station 1	0:06:18	0:06:27	
Station 2	0:06:02	0:05:30	
Station 3 (Public Works)	0:10:20	0:05:11	
Station 3 (WBFD)	0:07:41		
AVERAGE FOR ALL CALLS		0:06:29	

Only Reviewed Incidents included. CO Checks only includes Incident Types: 424, 736 and 734. # Apparatus Transports = # of incidents where apparatus transported. # Patient Transports = # of PCR with disposition "Treated, Transported by EMS". # Patient Contacts = # of PCR contacted by apparatus. This report now returns both NEMSIS 2 & 3 data as appropriate.

LIGHTS AND SIREN - AVERAGE TURNOUT TIME (Dispatch to Enroute)

Station	EMS	FIRE
Station 1	0:01:32	0:02:21
Station 2	0:02:02	0:02:01
Station 3 (Public Works)	0:02:01	0:01:55
Station 3 (WBFD)	0:01:09	
AVERAGE FOR ALL CALLS		0:01:48
AGENCY	AVERAGE TIME ON SCENE (MM:SS)	
Burlington Fire Department	19:55	

Only Reviewed Incidents included. CO Checks only includes Incident Types: 424, 736 and 734. # Apparatus Transports = # of incidents where apparatus transported. # Patient Transports = # of PCR with disposition "Treated, Transported by EMS". # Patient Contacts = # of PCR contacted by apparatus. This report now returns both NEMSIS 2 & 3 data as appropriate.

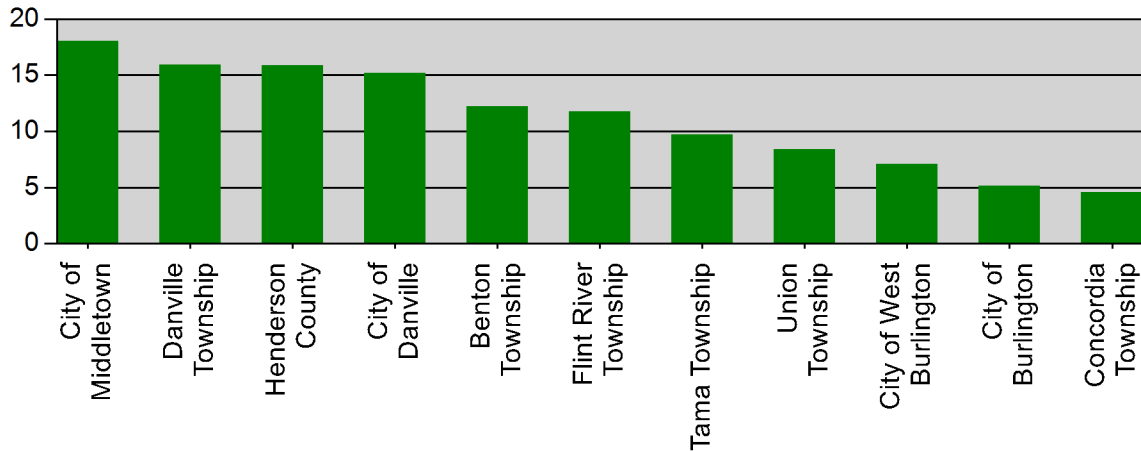
Burlington Fire Department

Burlington, IA

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Response Mode: Lights and Sirens | Start Date: 09/01/2018 | End Date: 09/30/2018



Zone	AVERAGE RESPONSE TIME (in minutes)
City of Middletown	18.02
Danville Township	15.95
Henderson County	15.86
City of Danville	15.20
Benton Township	12.22
Flint River Township	11.76
Tama Township	9.70
Union Township	8.41
City of West Burlington	7.07
City of Burlington	5.12
Concordia Township	4.58

Only REVIEWED incidents included. Response Time is Dispatched to Arrived. Includes all apparatus with arrival times. Excludes "Cancelled" apparatus.



EMERGENCY REPORTING

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Doc Id: 342

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Burlington Fire Department

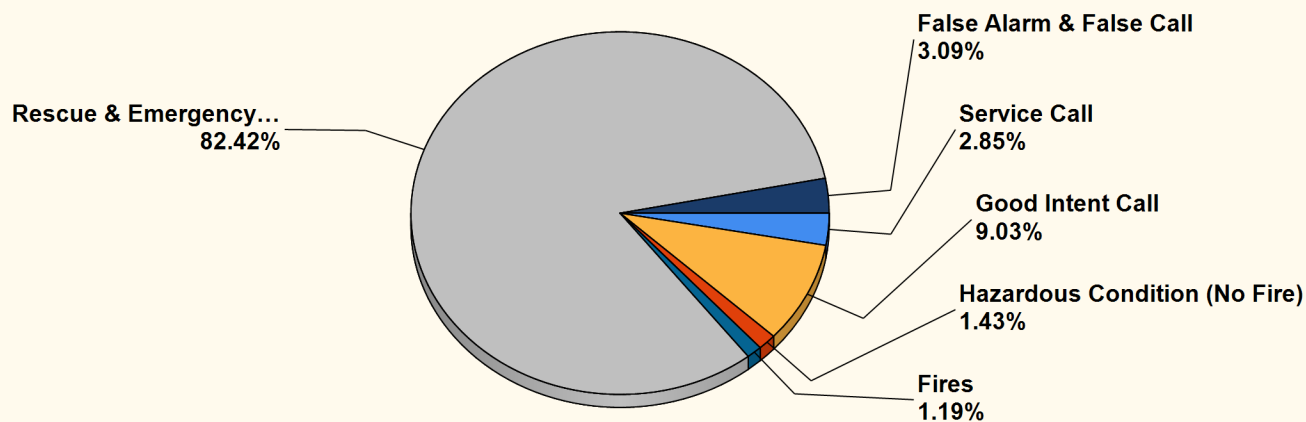
Burlington, IA

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Breakdown by Major Incident Types for Date Range

Zone(s): All Zones | Start Date: 09/01/2018 | End Date: 09/30/2018



MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	5	1.19%
Rescue & Emergency Medical Service	347	82.42%
Hazardous Condition (No Fire)	6	1.43%
Service Call	12	2.85%
Good Intent Call	38	9.03%
False Alarm & False Call	13	3.09%
TOTAL	421	100.00%

Only REVIEWED incidents included. Summary results for a major incident type are not displayed if the count is zero.

Detailed Breakdown by Incident Type

INCIDENT TYPE	# INCIDENTS	% of TOTAL
111 - Building fire	1	0.24%
116 - Fuel burner/boiler malfunction, fire confined	1	0.24%
118 - Trash or rubbish fire, contained	1	0.24%
131 - Passenger vehicle fire	2	0.48%
320 - Emergency medical service, other	1	0.24%
321 - EMS call, excluding vehicle accident with injury	329	78.15%
322 - Motor vehicle accident with injuries	10	2.38%
323 - Motor vehicle/pedestrian accident (MV Ped)	1	0.24%
324 - Motor vehicle accident with no injuries.	6	1.43%
411 - Gasoline or other flammable liquid spill	2	0.48%
412 - Gas leak (natural gas or LPG)	1	0.24%
440 - Electrical wiring/equipment problem, other	1	0.24%
442 - Overheated motor	1	0.24%
444 - Power line down	1	0.24%
553 - Public service	2	0.48%
555 - Defective elevator, no occupants	1	0.24%
561 - Unauthorized burning	8	1.90%
571 - Cover assignment, standby, moveup	1	0.24%
611 - Dispatched & cancelled en route	24	5.70%
622 - No incident found on arrival at dispatch address	10	2.38%
651 - Smoke scare, odor of smoke	3	0.71%
652 - Steam, vapor, fog or dust thought to be smoke	1	0.24%
731 - Sprinkler activation due to malfunction	1	0.24%
733 - Smoke detector activation due to malfunction	4	0.95%
735 - Alarm system sounded due to malfunction	2	0.48%
736 - CO detector activation due to malfunction	2	0.48%
743 - Smoke detector activation, no fire - unintentional	1	0.24%
744 - Detector activation, no fire - unintentional	1	0.24%
745 - Alarm system activation, no fire - unintentional	2	0.48%
TOTAL INCIDENTS:	421	100.00%

Only REVIEWED incidents included. Summary results for a major incident type are not displayed if the count is zero.

Burlington Fire Department

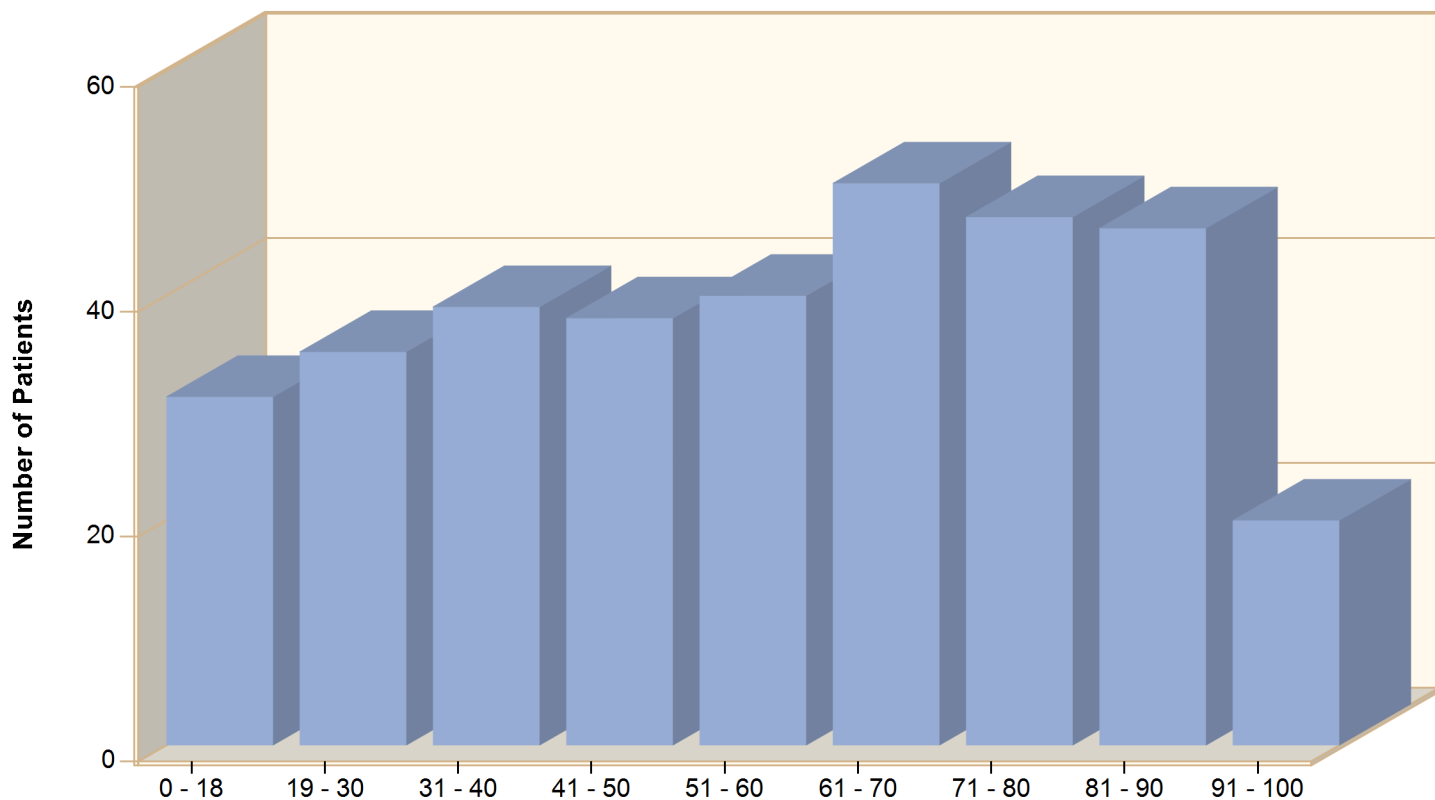
Burlington, IA

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Patient Age Breakdown for Date Range (NEMSIS 3 Incidents Only)

Start Date: 09/01/2018 | End Date: 09/30/2018



AGE RANGE	# PATIENTS
0 - 18	31
19 - 30	35
31 - 40	39
41 - 50	38
51 - 60	40
61 - 70	50
71 - 80	47
81 - 90	46
91 - 100	20

NEMSIS 3 Incidents only. Patient Age information pulls from the EMS Patient Info screen of a PCR. Incidents must be Completed or Reviewed.

Burlington Fire Department

Burlington, IA

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Count of Medications Given for Date Range (N2-N3)

Start Date: 09/01/2018 | End Date: 09/30/2018

MEDICATION	# TIMES ADMINISTERED
Adenosine	1
Albuterol	24
Aspirin	13
Atropine	1
Dextrose 50 % Injectable Solution	4
Diphenhydramine	2
Epinephrine 0.1 MG/ML	3
Etomidate	4
Fentanyl	39
Furosemide	2
Glucose	1
Lactated Ringer's Solution	2
Lorazepam	2
Midazolam	5
Morphine	5
Naloxone	14
Nitroglycerin	10
Norepinephrine	1
Normal saline	26
Ondansetron	25
Oxygen	49
Vecuronium	3
Zosyn	1

This report now returns both NEMSIS 2 & 3 data as appropriate. For Nemsis 2 Patients: report includes patient information where YES is selected for the WAS PATIENT TRANSPORTED BY THIS UNIT? question on the EMS Patient Questionnaire screen of a PCR. Only REVIEWED incidents included.

Burlington Fire Department

Burlington, IA

This report was generated on 10/5/2018 1:35:17 PM



Incident Count per Complaint Reported by Dispatch for Date Range (NEMSIS 3 Incidents Only)

Start Date: 09/01/2018 | End Date: 09/30/2018

COMPLAINT REPORTED BY DISPATCH	# INCIDENTS
Abdominal Pain/Problems	9
Allergic Reaction/Stings	3
Animal Bite	1
Assault	6
Back Pain (Non-Traumatic)	6
Breathing Problem	37
Chest Pain (Non-Traumatic)	21
Convulsions/Seizure	12
Diabetic Problem	7
Drowning/Diving/SCUBA Accident	1
Falls	54
Headache	2
Heart Problems/AICD	1
Hemorrhage/Laceration	10
Medical Alarm	4
No Other Appropriate Choice	21
Overdose/Poisoning/Ingestion	6
Pregnancy/Childbirth/Miscarriage	1
Psychiatric Problem/Abnormal Behavior/Suicide Attempt	15
Sick Person	30
Stab/Gunshot Wound/Penetrating Trauma	2
Stroke/CVA	4
Traffic/Transportation Incident	11
Transfer/Interfacility/Palliative Care	26
Traumatic Injury	9
Unconscious/Fainting/Near-Fainting	27
Unknown Problem/Person Down	11

Incidents included must be NEMSIS 3 and either Complete or Reviewed. COMPLAINT REPORTED BY DISPATCH is recorded on Basic Info 5. If looking for NEMSIS 2 Incidents, refer to Report #1041.

Burlington Fire Department

Burlington, IA

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Patient Transport Count per Destination for Date Range (N2-N3)

Start Date: 09/01/2018 | End Date: 09/30/2018

HOSPITAL DESTINATION	# TRANSPORTS
Blair House	1
Danville Care Center	1
Genesis East	1
Great River Medical Center	234
Klein Unit	1
Residence	1
Unity Point Trinity	1
University of Iowa Hospital & Clinic	11
Veterans Hospital	1

Only REVIEWED incidents included. This report now returns both NEMSIS 2 & 3 data as appropriate.

Matt Trexel

From: LIFENET Notifications Service <web@lifenetsystems.com>
Sent: Monday, October 01, 2018 1:36 AM
To: Matt Trexel
Subject: LIFENET System: Transmission Summary Report is available (9/1/2018 - 10/1/2018)

LIFENET® System



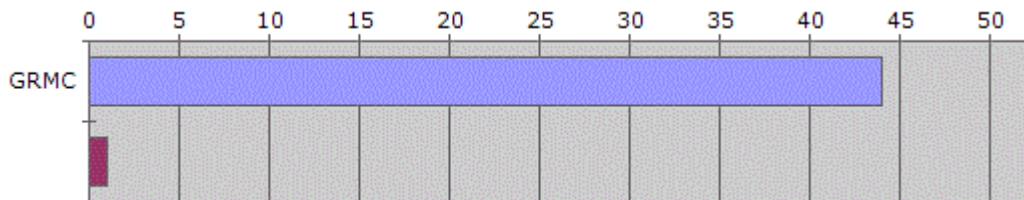
LIFENET Monthly Transmission Summary

9/1/2018 - 10/1/2018

Account Name: Burlington Fire Department (Burlington, IA)

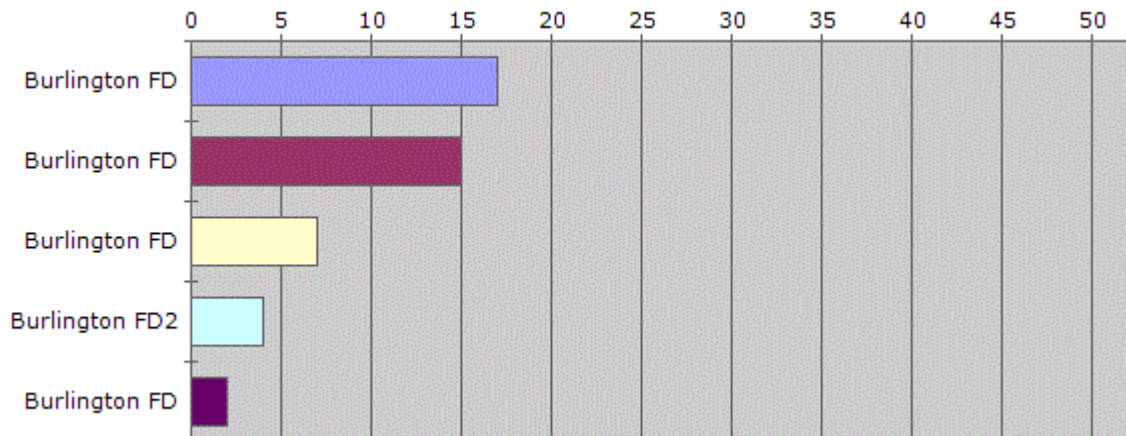
Total Transmissions in September: 45

Transmissions to Site: GRMC 44
Transmissions to Site: **Unknown** 1

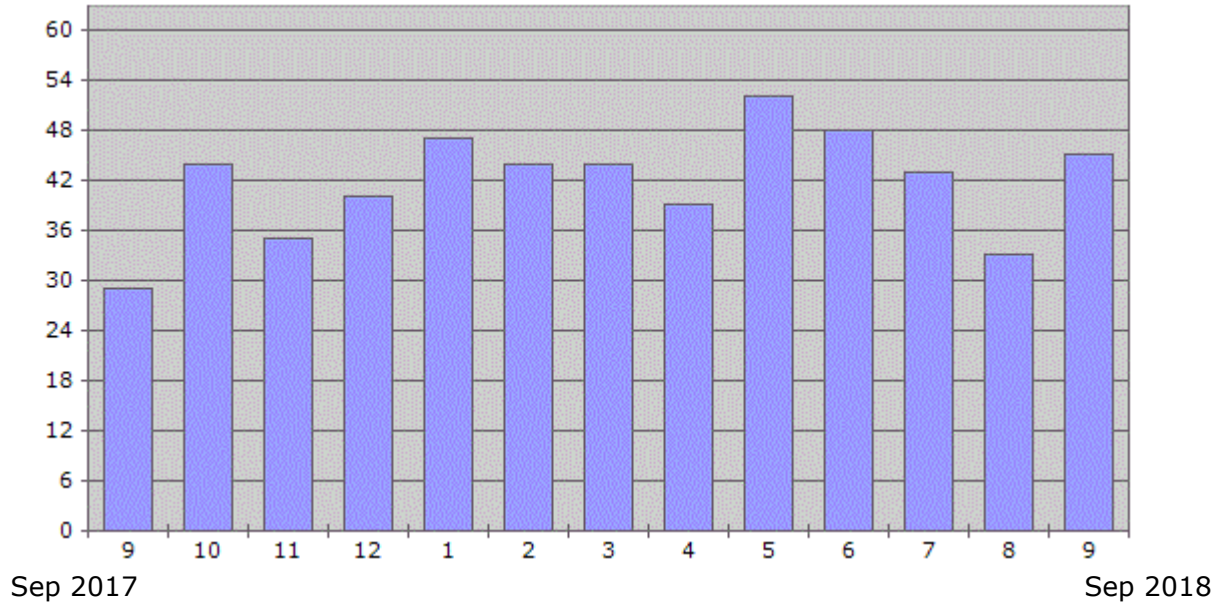


Transmissions by Device/Gateway: 45

LIFEPAK 15 S/N 42592232 Burlington FD 17
LIFEPAK 15 S/N 45036207 Burlington FD 15
LIFEPAK 15 S/N 45037513 Burlington FD 7
LIFEPAK 15 S/N 42595992 Burlington FD2 4
LIFEPAK 15 S/N 45039298 Burlington FD 2



13 Month Transmission History:



Physio-Control, Inc.

Log on to LIFENET System website to view this report and other associated information:

https://www.lifenetsystems.com/system_reports.aspx

Notification occurred: 10/1/2018 1:36:09 AM (UTC-05:00)

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