



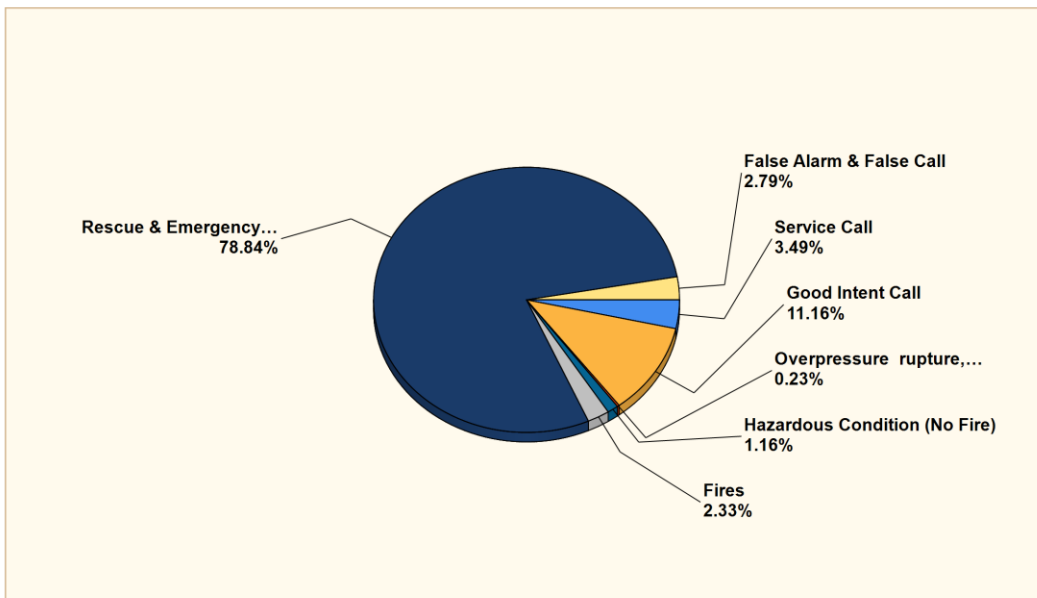
Burlington Fire Department Monthly Report December 2017

“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

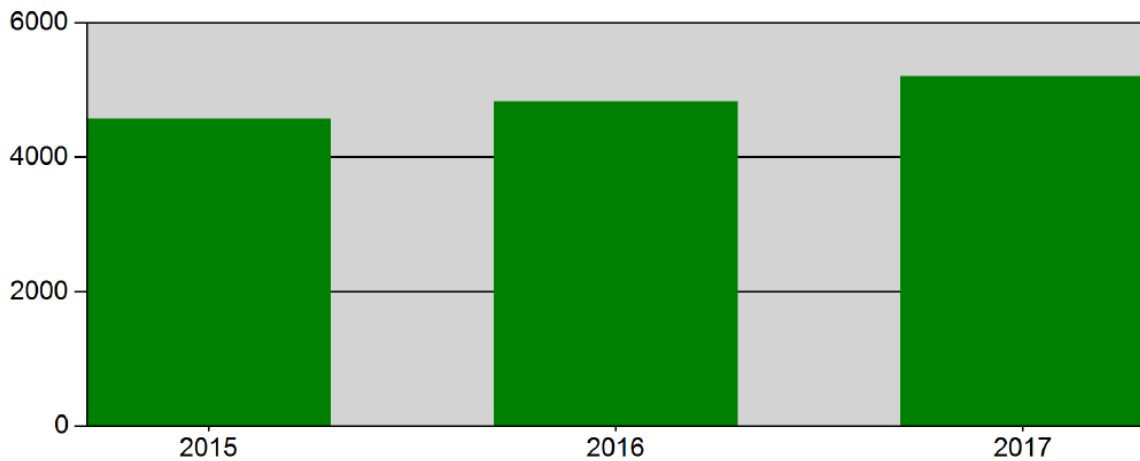
We had 430 calls for service in December, including 292 calls in the City of Burlington. The average response time for all calls was 6 minutes and 28 seconds. 158 calls were overlapping. There were 5201 calls for service in 2017.

Figure 1 - Major Incident Types (Dec. 2017)



Incidents by Year for Year Range

StartYear: 2015 | EndYear: 2017



YEAR	COUNT
2015	4570
2016	4826
2017	5201

Fire Prevention

Crews installed 18 smoke detectors in 11 homes in December. All but one of the homes was owner occupied. In all there were 14 adults and 5 children living in these homes that now have working smoke alarms. Iowa had 51 fire deaths in 2017, many of which could have been prevented had the homes had working smoke alarms.

December 1st marked the 59th anniversary of the Our Lady of Angels School fire in Chicago that claimed the lives of 92 children and 3 nuns. Coincidentally, Fire Marshal Crooks spent great deal of time in December inspecting schools, including the Burlington Community High School, Aldo Leopold Middle School, and Edward Stone Middle School. Many of the items he inspects for today (including clear exits, fire alarms, sprinkler systems, and good housekeeping) come directly as a result of the Our Lady of Angels School fire.

Training

Training at the shift level continues to focus on recruit training. We currently have 9 firefighters that are still considered recruit or probationary firefighters (less than 1 year on the job). An EMS report writing class was given to all three shifts. Good report writing is essential for reimbursement and quality assurance purposes. We also had an EMS class on the basics- airway, breathing, and circulation. All personnel are EMS certified and require a certain number of training hours during each 2-year recertification period.

Paramedic L. Smith with Superior Ambulance provided IV pump training on all three shifts. Some medications need to be mixed with fluid and can only be delivered via the IV pump. GRMC has agreed to loan us the pumps so we may now deliver these medications in the field.

Other Activities

- Firefighter Recruit interviews were conducted at Central Station.
- Explorer Matt Erhart finished his first trimester of interning at the Department.
- Crews helped the Hamilton Walters Detachment of the Marine Corps League with several Toys for Tots activities.
- The Department took possession of the new Battalion Chief command vehicle.
- Chief Trexel attended the Civil Service Commission meeting.
- Firefighter Van Scoy and Chief Trexel attended an active shooter roundtable discussion at the Des Moines County Sheriff's Office.
- Dr. Shan Gao rode a shift on the ambulance with Shift 1.
- Chief Trexel attended the Des Moines County budget preparation meeting at Starr's Cave Nature Center.
- Fire Crews assisted families with shopping for Christmas at the Salvation Army.

US fire statistics for 2017

- 2094 civilians killed in residential structure fires
- 93 firefighters died in the line of duty

Respectfully Submitted,

Matt Trexel

Fire Chief

Burlington Fire Department

Burlington, IA

This report was generated on 1/8/2018 3:32:25 PM



Incident Statistics

Start Date: 12/01/2017 | End Date: 12/31/2017

INCIDENT COUNT			
INCIDENT TYPE		# INCIDENTS	
EMS		339	
FIRE		91	
TOTAL		430	
TOTAL TRANSPORTS (N2 and N3)			
APPARATUS	# of APPARATUS TRANSPORTS	# of PATIENT TRANSPORTS	TOTAL # of PATIENT CONTACTS
0	0	0	0
721	0	1	1
751	100	138	138
752	7	11	11
753	59	77	77
754	15	17	17
755	70	97	98
TOTAL	251	341	342
PRE-INCIDENT VALUE		LOSSES	
\$13,873,000.00		\$40,020.00	
CO CHECKS			
736 - CO detector activation due to malfunction		1	
746 - Carbon monoxide detector activation, no CO		2	
TOTAL		3	
MUTUAL AID			
Aid Type		Total	
Aid Given		7	
Aid Received		3	
OVERLAPPING CALLS			
# OVERLAPPING		% OVERLAPPING	
158		36.74	
LIGHTS AND SIREN - AVERAGE RESPONSE TIME (Dispatch to Arrival)			
Station	EMS	FIRE	
Station 1	0:06:19	0:07:09	
Station 2	0:05:36	0:05:17	
Station 3 (Public Works)	0:10:00	0:08:46	
Station 3 (WBFD)	0:07:02	0:03:20	

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.

AVERAGE FOR ALL CALLS		0:06:28
LIGHTS AND SIREN - AVERAGE TURNOUT TIME (Dispatch to Enroute)		
Station	EMS	FIRE
Station 1	0:01:32	0:02:57
Station 2	0:01:21	0:01:44
Station 3 (Public Works)	0:01:47	0:02:34
Station 3 (WBFD)	0:01:13	0:00:56
AVERAGE FOR ALL CALLS		0:01:43
AGENCY	AVERAGE TIME ON SCENE (MM:SS)	
Burlington Fire Department	19:51	

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

This report was generated on 1/8/2018 3:33:52 PM



Incident Statistics

Start Date: 01/01/2017 | End Date: 12/31/2017

INCIDENT COUNT			
INCIDENT TYPE		# INCIDENTS	
EMS		4101	
FIRE		1100	
TOTAL		5201	
TOTAL TRANSPORTS (N2 and N3)			
APPARATUS	# of APPARATUS TRANSPORTS	# of PATIENT TRANSPORTS	TOTAL # of PATIENT CONTACTS
0	0	0	0
721	0	4	4
736	0	1	1
751	1025	1373	1376
752	83	109	109
753	286	376	376
754	45	57	57
755	619	851	854
TOTAL	2058	2771	2777
PRE-INCIDENT VALUE		LOSSES	
\$109,605,050.00		\$405,220.00	
CO CHECKS			
424 - Carbon monoxide incident		12	
736 - CO detector activation due to malfunction		16	
746 - Carbon monoxide detector activation, no CO		6	
TOTAL		34	
MUTUAL AID			
Aid Type		Total	
Aid Given		32	
Aid Received		38	
OVERLAPPING CALLS			
# OVERLAPPING		% OVERLAPPING	
2432		46.76	
LIGHTS AND SIREN - AVERAGE RESPONSE TIME (Dispatch to Arrival)			
Station	EMS	FIRE	
	0:06:25		
Station 1	0:06:41	0:06:34	
Station 2	0:05:56	0:06:05	

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.

Station 3 (Public Works)	0:09:55	0:07:16
Station 3 (WBFD)	0:06:49	0:03:26
AVERAGE FOR ALL CALLS		0:06:29
LIGHTS AND SIREN - AVERAGE TURNOUT TIME (Dispatch to Enroute)		
Station	EMS	FIRE
	0:01:47	
Station 1	0:01:38	0:02:24
Station 2	0:01:26	0:01:58
Station 3 (Public Works)	0:02:37	0:02:29
Station 3 (WBFD)	0:01:13	0:01:00
AVERAGE FOR ALL CALLS		0:01:43
AGENCY	AVERAGE TIME ON SCENE (MM:SS)	
Burlington Fire Department	26:27	

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

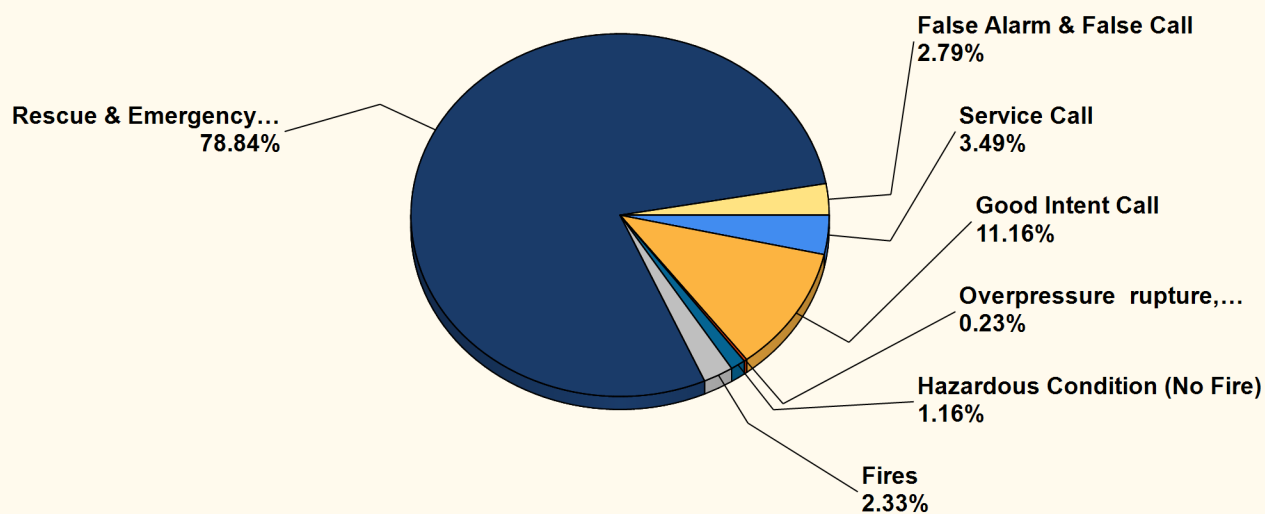
Burlington, IA

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Breakdown by Major Incident Types for Date Range

Zone(s): All Zones | Start Date: 12/01/2017 | End Date: 12/31/2017



MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	10	2.33%
Overpressure rupture, explosion, overheating - no fire	1	0.23%
Rescue & Emergency Medical Service	339	78.84%
Hazardous Condition (No Fire)	5	1.16%
Service Call	15	3.49%
Good Intent Call	48	11.16%
False Alarm & False Call	12	2.79%
TOTAL	430	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	3	0.70%
113 - Cooking fire, confined to container	1	0.23%
118 - Trash or rubbish fire, contained	1	0.23%
137 - Camper or recreational vehicle (RV) fire	1	0.23%
141 - Forest, woods or wildland fire	3	0.70%
162 - Outside equipment fire	1	0.23%
251 - Excessive heat, scorch burns with no ignition	1	0.23%
321 - EMS call, excluding vehicle accident with injury	322	74.88%
322 - Motor vehicle accident with injuries	9	2.09%
323 - Motor vehicle/pedestrian accident (MV Ped)	1	0.23%
324 - Motor vehicle accident with no injuries.	6	1.40%
352 - Extrication of victim(s) from vehicle	1	0.23%
411 - Gasoline or other flammable liquid spill	1	0.23%
412 - Gas leak (natural gas or LPG)	2	0.47%
445 - Arcing, shorted electrical equipment	2	0.47%
551 - Assist police or other governmental agency	1	0.23%
553 - Public service	3	0.70%
561 - Unauthorized burning	11	2.56%
611 - Dispatched & cancelled en route	21	4.88%
622 - No incident found on arrival at dispatch address	23	5.35%
631 - Authorized controlled burning	1	0.23%
651 - Smoke scare, odor of smoke	1	0.23%
652 - Steam, vapor, fog or dust thought to be smoke	2	0.47%
731 - Sprinkler activation due to malfunction	1	0.23%
733 - Smoke detector activation due to malfunction	2	0.47%
735 - Alarm system sounded due to malfunction	2	0.47%
736 - CO detector activation due to malfunction	1	0.23%
740 - Unintentional transmission of alarm, other	1	0.23%
743 - Smoke detector activation, no fire - unintentional	1	0.23%
744 - Detector activation, no fire - unintentional	1	0.23%
745 - Alarm system activation, no fire - unintentional	1	0.23%
746 - Carbon monoxide detector activation, no CO	2	0.47%
TOTAL INCIDENTS:	430	100.00%

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

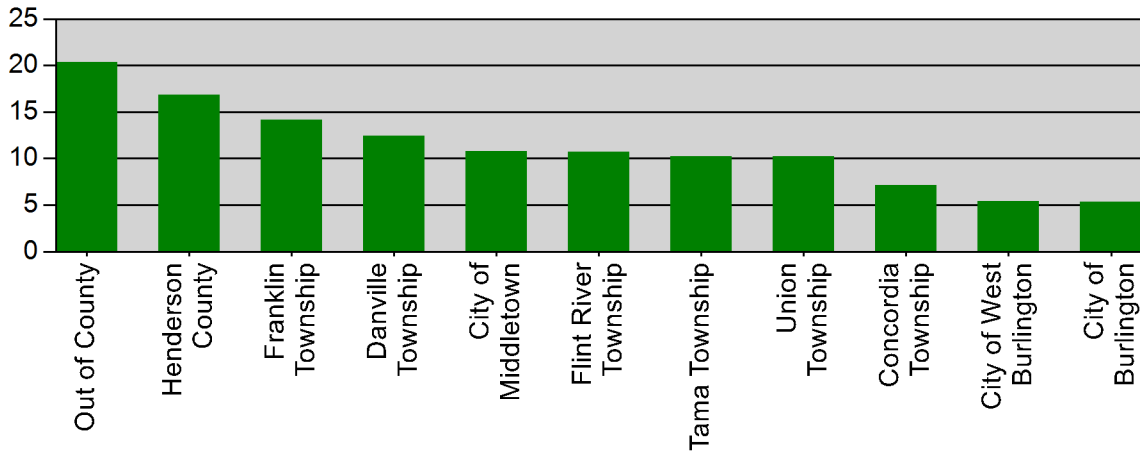
Burlington Fire Department

Burlington, IA

This report was generated on 1/10/2018 8:00:37 AM



Response Mode: Lights and Sirens | Start Date: 12/01/2017 | End Date: 12/31/2017



Zone	AVERAGE RESPONSE TIME (in minutes)
Out of County	20.35
Henderson County	16.86
Franklin Township	14.15
Danville Township	12.44
City of Middletown	10.80
Flint River Township	10.72
Tama Township	10.25
Union Township	10.20
Concordia Township	7.14
City of West Burlington	5.38
City of Burlington	5.37

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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Page # 1 of 1

Burlington Fire Department

Burlington, IA

This report was generated on 1/9/2018 4:35:16 PM



Incident Type per Zone for Incident Status for Date Range

Incident Status(s): All Incident Statuses | Start Date: 12/01/2017 | End Date: 12/31/2017

INCIDENT TYPE	Incident Status	# INCIDENTS
Zone: C-Burlington - City of Burlington		
111 - Building fire	Reviewed	3
113 - Cooking fire, confined to container	Reviewed	1
118 - Trash or rubbish fire, contained	Reviewed	1
137 - Camper or recreational vehicle (RV) fire	Reviewed	1
141 - Forest, woods or wildland fire	Reviewed	2
162 - Outside equipment fire	Reviewed	1
251 - Excessive heat, scorch burns with no ignition	Reviewed	1
321 - EMS call, excluding vehicle accident with injury	Reviewed	238
322 - Motor vehicle accident with injuries	Reviewed	2
324 - Motor vehicle accident with no injuries.	Reviewed	4
411 - Gasoline or other flammable liquid spill	Reviewed	1
412 - Gas leak (natural gas or LPG)	Reviewed	1
445 - Arcing, shorted electrical equipment	Reviewed	1
553 - Public service	Reviewed	3
561 - Unauthorized burning	Reviewed	10
611 - Dispatched & cancelled en route	Reviewed	13
622 - No incident found on arrival at dispatch address	Reviewed	20
631 - Authorized controlled burning	Reviewed	1
651 - Smoke scare, odor of smoke	Reviewed	1
652 - Steam, vapor, fog or dust thought to be smoke	Reviewed	2
731 - Sprinkler activation due to malfunction	Reviewed	1
733 - Smoke detector activation due to malfunction	Reviewed	2
735 - Alarm system sounded due to malfunction	Reviewed	2
736 - CO detector activation due to malfunction	Reviewed	1
740 - Unintentional transmission of alarm, other	Reviewed	1
743 - Smoke detector activation, no fire - unintentional	Reviewed	1
744 - Detector activation, no fire - unintentional	Reviewed	1
745 - Alarm system activation, no fire - unintentional	Reviewed	1
746 - Carbon monoxide detector activation, no CO	Reviewed	1

This report gives a count of each incident type for the Incident Status or Statuses selected.

INCIDENT TYPE	Incident Status	# INCIDENTS
Zone: C-Danville - City of Danville		
321 - EMS call, excluding vehicle accident with injury	Reviewed	1
Zone: C-Middletown - City of Middletown		
321 - EMS call, excluding vehicle accident with injury	Reviewed	3
Zone: C-West Burlington - City of West Burlington		
321 - EMS call, excluding vehicle accident with injury	Reviewed	41
322 - Motor vehicle accident with injuries	Reviewed	2
324 - Motor vehicle accident with no injuries.	Reviewed	1
445 - Arcing, shorted electrical equipment	Reviewed	1
611 - Dispatched & cancelled en route	Reviewed	5
622 - No incident found on arrival at dispatch address	Reviewed	2
Zone: Henderson - Henderson County		
321 - EMS call, excluding vehicle accident with injury	Reviewed	16
322 - Motor vehicle accident with injuries	Reviewed	1
352 - Extrication of victim(s) from vehicle	Reviewed	1
551 - Assist police or other governmental agency	Reviewed	1
611 - Dispatched & cancelled en route	Reviewed	1
Zone: Out of County - Out of County		
321 - EMS call, excluding vehicle accident with injury	Reviewed	1
Zone: T-Con Township - Concordia Township		
321 - EMS call, excluding vehicle accident with injury	Reviewed	1
412 - Gas leak (natural gas or LPG)	Reviewed	1
Zone: T-Dan Township - Danville Township		
321 - EMS call, excluding vehicle accident with injury	Reviewed	1
322 - Motor vehicle accident with injuries	Reviewed	1
324 - Motor vehicle accident with no injuries.	Reviewed	1
611 - Dispatched & cancelled en route	Reviewed	2
Zone: T-Flt Riv Township - Flint River Township		
321 - EMS call, excluding vehicle accident with injury	Reviewed	6
322 - Motor vehicle accident with injuries	Reviewed	3
323 - Motor vehicle/pedestrian accident (MV Ped)	Reviewed	1

This report gives a count of each incident type for the Incident Status or Statuses selected.

INCIDENT TYPE	Incident Status	# INCIDENTS
Zone: T-Fran Township - Franklin Township		
321 - EMS call, excluding vehicle accident with injury	Reviewed	1
Zone: T-Tama Township - Tama Township		
141 - Forest, woods or wildland fire	Reviewed	1
321 - EMS call, excluding vehicle accident with injury	Reviewed	5
561 - Unauthorized burning	Reviewed	1
622 - No incident found on arrival at dispatch address	Reviewed	1
Zone: T-Union Township - Union Township		
321 - EMS call, excluding vehicle accident with injury	Reviewed	8
746 - Carbon monoxide detector activation, no CO	Reviewed	1

This report gives a count of each incident type for the Incident Status or Statuses selected.

Burlington Fire Department

Burlington, IA

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

Start Date: 12/01/2017 | End Date: 12/31/2017

HOSPITAL DESTINATION	# TRANSPORTS
	1
Community Health Center of SE Iowa	2
Great River Medical Center	235
Henry County Health Center	1
Klein Unit	1
OSF Family Medical Center	4
Sunnybrook Assisted Living	1
University of Iowa Hospital & Clinic	9

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, January 01, 2018 2:32 AM
To: Matt Trexel
Subject: LIFENET System: Transmission Summary Report is available (12/1/2017 - 1/1/2018)

LIFENET® System



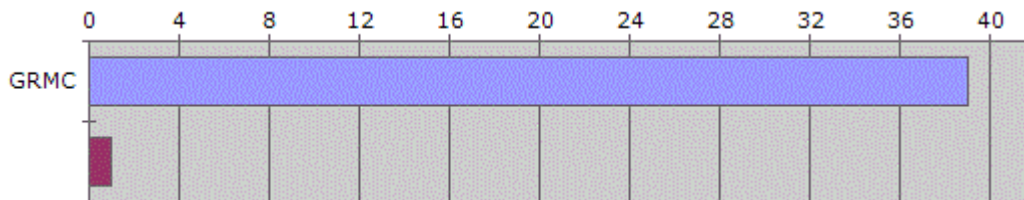
LIFENET Monthly Transmission Summary

12/1/2017 - 1/1/2018

Account Name: Burlington Fire Department (Burlington, IA)

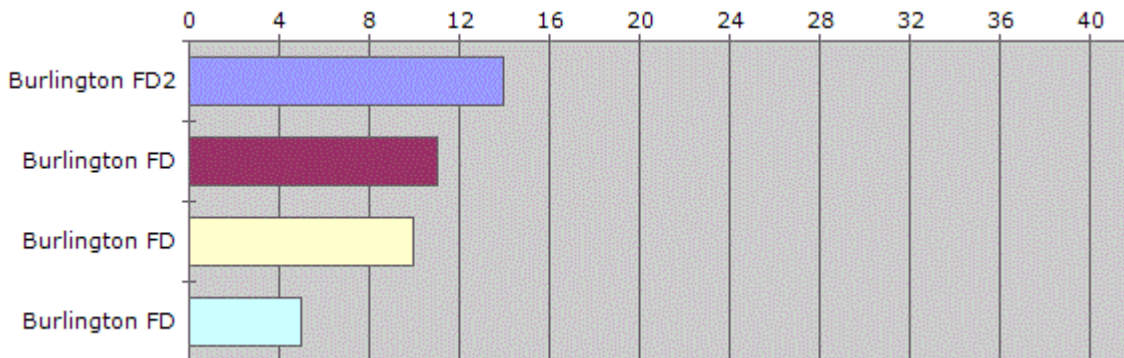
Total Transmissions in December: 40

Transmissions to Site: GRMC 39
Transmissions to Site: **Unknown** 1

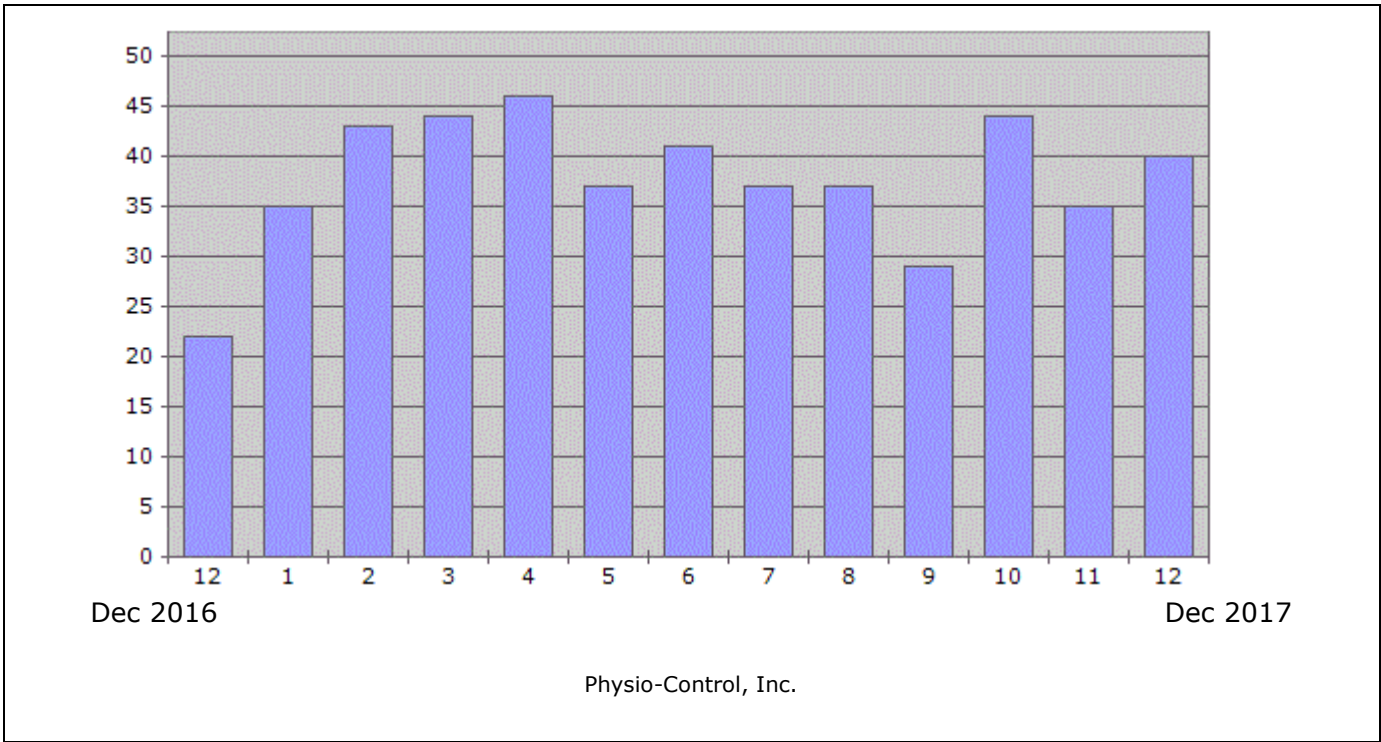


Transmissions by Device/Gateway: 40

LIFEPAK 15 S/N 42595992 Burlington FD2 14
LIFEPAK 15 S/N 45039298 Burlington FD 11
LIFEPAK 15 S/N 45037513 Burlington FD 10
LIFEPAK 15 S/N 42592232 Burlington FD 5



13 Month Transmission History:



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Notification occurred: 1/1/2018 2:31:33 AM (UTC-06:00)

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