



# **Burlington Fire Department Monthly Report April 2019**

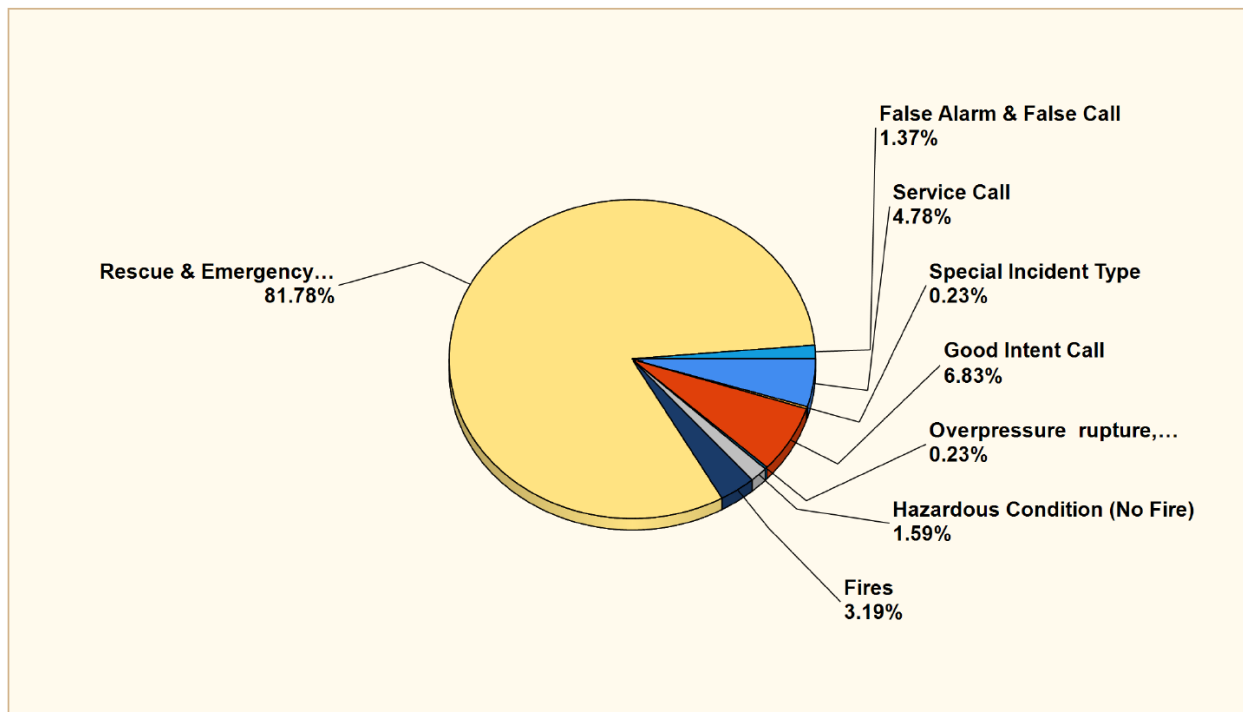
**“The Mission of the Burlington Fire Department is to provide for the fire and life safety needs of the community in the most professional, courteous, and efficient manner possible.”**

## Operations

The Burlington Fire Department responded to 439 calls for service in April including 317 calls within the city limits of Burlington. 359 calls were EMS related. 266 patients were transported to Great River Medical Center, and 10 patients were transported to other destinations. 45% of the calls were overlapping meaning we had two or more calls in progress at the same time. The average response time for all emergency calls was 7 minutes and 5 seconds. While this time may seem longer than usual, only 72% of the calls were in Burlington. 24 calls for service were outside of Des Moines County.



**Calls for Service "Heat" Map (April 2019)**



**Major Incident Types (April 2019)**

### **Fire Prevention**

Crews installed nine smoke alarms and three carbon monoxide alarms in April. Fire Marshal Crooks completed 20 inspections including several related to liquor licenses. He also attended 3-day class on our records management system (RMS) where he focused on using the new platform to complete inspections.

### **Training**

Crews completed over 400 hours of training in April. Iowa Fire Service Training Bureau Instructor and retired Burlington Fire Department Battalion Chief Ken Morris provided three days of instruction on confined space rescue. Each shift had 8 hours of training that included classroom and hands-on skills.

Crews also completed air management training. Firefighter Griesman instructed the shifts on the importance of managing their “air” while using a self-contained breathing apparatus (SCBA). There was some classroom instruction followed by hands-on practical application in which firefighters in full turnout gear and SCBA completed a series of tasks to see how long they could work on one full tank of air.



**Air Management Training (April 2019)**

### **Other Activities**

- Fire Training Committee met to discuss objectives for the upcoming live burn training.
- Chief Trexel attended the Iowa Professional Fire Chief's Conference.
- Crews worked on completing the annual hose testing process.
- 8 members of the Fire Department attended the Fire Department Instructor's Conference (FDIC) in Indianapolis.
- Battalion Chief Workman and Chief Trexel attended a professional development seminar in Ames.
- EMT students from Southeastern Community College began completing their field experience with our ambulance crews.
- A "lighting audit" was completed at Central Station and Station 2 in an effort to determine the most cost effective and efficient way to provide lighting.
- Deputy Chief Ryan and Chief Trexel attended the Des Moines County Firefighter's Association meeting in West Burlington.

**2019 US fire statistics (through 5/14/2019):**

- 911 civilians have been killed in residential structure fires including 20 in Iowa.
- 15 firefighters died in the line of duty (US Fire Administration).

Respectfully Submitted,

Matt Trexel

Fire Chief

# Burlington Fire Department

Burlington, IA

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## Incident Statistics

Start Date: 04/01/2019 | End Date: 04/30/2019

INCIDENT COUNT			
INCIDENT TYPE		# INCIDENTS	
EMS		359	
FIRE		80	
<b>TOTAL</b>		<b>439</b>	
TOTAL TRANSPORTS (N2 and N3)			
APPARATUS	# of APPARATUS TRANSPORTS	# of PATIENT TRANSPORTS	TOTAL # of PATIENT CONTACTS
0	0	0	0
751	93	114	114
752	20	36	36
753	101	128	128
754	5	8	8
755	58	70	70
<b>TOTAL</b>	<b>277</b>	<b>356</b>	<b>356</b>
PRE-INCIDENT VALUE		LOSSES	
<b>\$324,314.00</b>		<b>\$115,514.00</b>	
CO CHECKS			
424 - Carbon monoxide incident		1	
736 - CO detector activation due to malfunction		1	
746 - Carbon monoxide detector activation, no CO		1	
<b>TOTAL</b>		<b>3</b>	
MUTUAL AID			
Aid Type		Total	
Aid Given		4	
Aid Received		1	
OVERLAPPING CALLS			
# OVERLAPPING		% OVERLAPPING	
196		44.65	
LIGHTS AND SIREN - AVERAGE RESPONSE TIME (Dispatch to Arrival)			
Station	EMS	FIRE	
Station 1	0:06:45	0:10:01	
Station 2	0:05:29	0:07:25	
Station 3 - Bakers Pride	0:07:04	0:06:35	
<b>AVERAGE FOR ALL CALLS</b>		<b>0:07:05</b>	

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)**

<b>Station</b>	<b>EMS</b>	<b>FIRE</b>
Station 1	0:01:44	0:02:54
Station 2	0:01:36	0:02:06
Station 3 - Bakers Pride	0:01:18	0:01:17
<b>AVERAGE FOR ALL CALLS</b>		<b>0:01:49</b>
<b>AGENCY</b>		<b>AVERAGE TIME ON SCENE (MM:SS)</b>
Burlington Fire Department		22:47

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

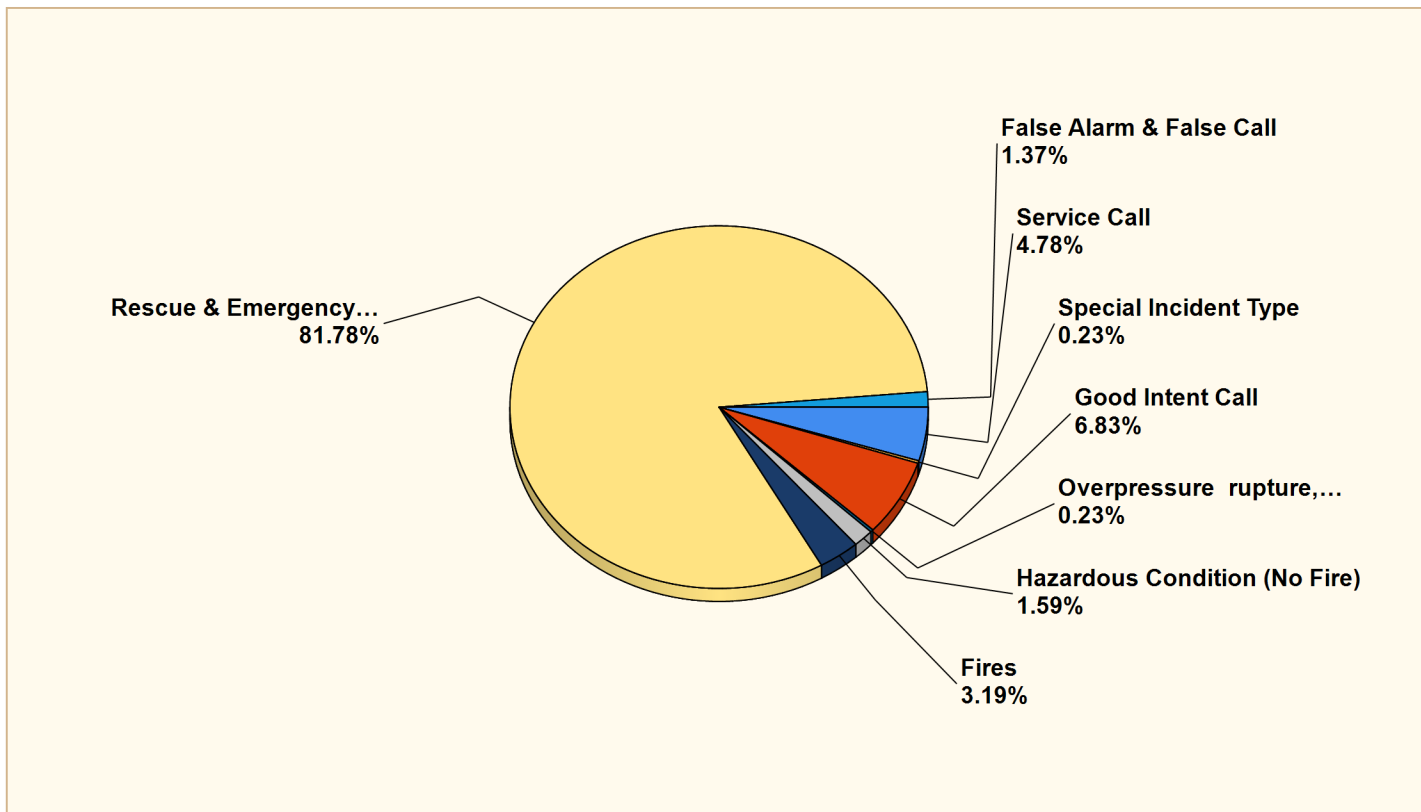
Burlington, IA

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## Breakdown by Major Incident Types for Date Range

Zone(s): All Zones | Start Date: 04/01/2019 | End Date: 04/30/2019



MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	14	3.19%
Overpressure rupture, explosion, overheating - no fire	1	0.23%
Rescue & Emergency Medical Service	359	81.78%
Hazardous Condition (No Fire)	7	1.59%
Service Call	21	4.78%
Good Intent Call	30	6.83%
False Alarm & False Call	6	1.37%
Special Incident Type	1	0.23%
<b>TOTAL</b>	<b>439</b>	<b>100.00%</b>

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	4	0.91%
130 - Mobile property (vehicle) fire, other	1	0.23%
140 - Natural vegetation fire, other	1	0.23%
141 - Forest, woods or wildland fire	1	0.23%
142 - Brush or brush-and-grass mixture fire	2	0.46%
143 - Grass fire	4	0.91%
151 - Outside rubbish, trash or waste fire	1	0.23%
251 - Excessive heat, scorch burns with no ignition	1	0.23%
321 - EMS call, excluding vehicle accident with injury	343	78.13%
322 - Motor vehicle accident with injuries	12	2.73%
323 - Motor vehicle/pedestrian accident (MV Ped)	1	0.23%
324 - Motor vehicle accident with no injuries.	1	0.23%
350 - Extrication, rescue, other	1	0.23%
351 - Extrication of victim(s) from building/structure	1	0.23%
412 - Gas leak (natural gas or LPG)	2	0.46%
413 - Oil or other combustible liquid spill	1	0.23%
422 - Chemical spill or leak	1	0.23%
424 - Carbon monoxide incident	1	0.23%
444 - Power line down	1	0.23%
463 - Vehicle accident, general cleanup	1	0.23%
550 - Public service assistance, other	1	0.23%
553 - Public service	4	0.91%
554 - Assist invalid	2	0.46%
561 - Unauthorized burning	12	2.73%
571 - Cover assignment, standby, moveup	2	0.46%
600 - Good intent call, other	1	0.23%
611 - Dispatched & cancelled en route	10	2.28%
622 - No incident found on arrival at dispatch address	13	2.96%
631 - Authorized controlled burning	3	0.68%
651 - Smoke scare, odor of smoke	1	0.23%
671 - HazMat release investigation w/no HazMat	2	0.46%
721 - Bomb scare - no bomb	1	0.23%
730 - System malfunction, other	1	0.23%
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%
746 - Carbon monoxide detector activation, no CO	1	0.23%
911 - Citizen complaint	1	0.23%
<b>TOTAL INCIDENTS:</b>	<b>439</b>	<b>100.00%</b>

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



# Burlington Fire Department

Burlington, IA

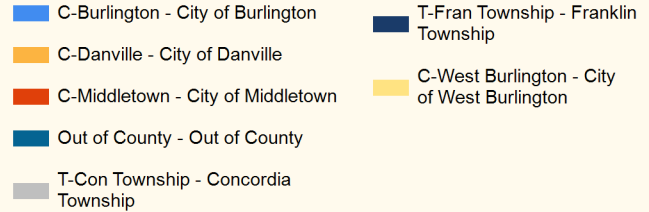
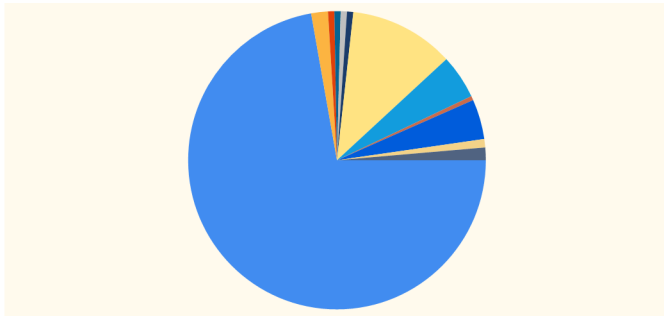
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## Count of Incidents by Incident Type per Zone

Incident Status: Reviewed | Start Date: 04/01/2019 | End Date: 04/30/2019

% of Incidents per Zone



INCIDENT TYPE	# INCIDENTS	% of TOTAL
<b>C-Burlington - City of Burlington</b>		
111 - Building fire	2	0.46%
141 - Forest, woods or wildland fire	1	0.23%
143 - Grass fire	1	0.23%
321 - EMS call, excluding vehicle accident with injury	250	56.95%
322 - Motor vehicle accident with injuries	9	2.05%
323 - Motor vehicle/pedestrian accident (MV Ped)	1	0.23%
324 - Motor vehicle accident with no injuries.	1	0.23%
350 - Extrication, rescue, other	1	0.23%
412 - Gas leak (natural gas or LPG)	2	0.46%
413 - Oil or other combustible liquid spill	1	0.23%
422 - Chemical spill or leak	1	0.23%
424 - Carbon monoxide incident	1	0.23%
444 - Power line down	1	0.23%
463 - Vehicle accident, general cleanup	1	0.23%
550 - Public service assistance, other	1	0.23%
553 - Public service	3	0.68%
554 - Assist invalid	2	0.46%
561 - Unauthorized burning	11	2.51%
571 - Cover assignment, standby, moveup	1	0.23%
600 - Good intent call, other	1	0.23%
611 - Dispatched & cancelled en route	6	1.37%
622 - No incident found on arrival at dispatch address	8	1.82%
631 - Authorized controlled burning	1	0.23%
651 - Smoke scare, odor of smoke	1	0.23%
671 - HazMat release investigation w/no HazMat	2	0.46%
721 - Bomb scare - no bomb	1	0.23%
730 - System malfunction, other	1	0.23%
736 - CO detector activation due to malfunction	1	0.23%

Report shows count of incidents for Status selected.



740 - Unintentional transmission of alarm, other	1	0.23%
743 - Smoke detector activation, no fire - unintentional	1	0.23%
746 - Carbon monoxide detector activation, no CO	1	0.23%
911 - Citizen complaint	1	0.23%
<b>Zone: C-Burlington - City of Burlington Total Incident:</b>	<b>317</b>	<b>72.21%</b>
<b>C-Danville - City of Danville</b>		
321 - EMS call, excluding vehicle accident with injury	7	1.59%
622 - No incident found on arrival at dispatch address	1	0.23%
<b>Zone: C-Danville - City of Danville Total Incident:</b>	<b>8</b>	<b>1.82%</b>
<b>C-Middletown - City of Middletown</b>		
321 - EMS call, excluding vehicle accident with injury	3	0.68%
<b>Zone: C-Middletown - City of Middletown Total Incident:</b>	<b>3</b>	<b>0.68%</b>
<b>C-West Burlington - City of West Burlington</b>		
111 - Building fire	1	0.23%
151 - Outside rubbish, trash or waste fire	1	0.23%
251 - Excessive heat, scorch burns with no ignition	1	0.23%
321 - EMS call, excluding vehicle accident with injury	44	10.02%
351 - Extrication of victim(s) from building/structure	1	0.23%
553 - Public service	1	0.23%
622 - No incident found on arrival at dispatch address	1	0.23%
<b>Zone: C-West Burlington - City of West Burlington Total Incident:</b>	<b>50</b>	<b>11.39%</b>
<b>Henderson - Henderson County</b>		
321 - EMS call, excluding vehicle accident with injury	17	3.87%
611 - Dispatched & cancelled en route	3	0.68%
622 - No incident found on arrival at dispatch address	1	0.23%
<b>Zone: Henderson - Henderson County Total Incident:</b>	<b>21</b>	<b>4.78%</b>
<b>Out of County - Out of County</b>		
321 - EMS call, excluding vehicle accident with injury	3	0.68%
<b>Zone: Out of County - Out of County Total Incident:</b>	<b>3</b>	<b>0.68%</b>
<b>T-Con Township - Concordia Township</b>		
143 - Grass fire	1	0.23%
561 - Unauthorized burning	1	0.23%
622 - No incident found on arrival at dispatch address	1	0.23%
<b>Zone: T-Con Township - Concordia Township Total Incident:</b>	<b>3</b>	<b>0.68%</b>
<b>T-Dan Township - Danville Township</b>		
321 - EMS call, excluding vehicle accident with injury	1	0.23%
322 - Motor vehicle accident with injuries	1	0.23%
<b>Zone: T-Dan Township - Danville Township Total Incident:</b>	<b>2</b>	<b>0.46%</b>
<b>T-Flt Riv Township - Flint River Township</b>		
111 - Building fire	1	0.23%
130 - Mobile property (vehicle) fire, other	1	0.23%
142 - Brush or brush-and-grass mixture fire	2	0.46%
143 - Grass fire	1	0.23%

Report shows count of incidents for Status selected.



321 - EMS call, excluding vehicle accident with injury	12	2.73%
611 - Dispatched & cancelled en route	1	0.23%
622 - No incident found on arrival at dispatch address	1	0.23%
Zone: T-Flt Riv Township - Flint River Township Total Incident	19	4.33%
<b>T-Fran Township - Franklin Township</b>		
143 - Grass fire	1	0.23%
322 - Motor vehicle accident with injuries	1	0.23%
571 - Cover assignment, standby, moveup	1	0.23%
Zone: T-Fran Township - Franklin Township Total Incident	3	0.68%
<b>T-Tama Township - Tama Township</b>		
140 - Natural vegetation fire, other	1	0.23%
321 - EMS call, excluding vehicle accident with injury	2	0.46%
631 - Authorized controlled burning	1	0.23%
Zone: T-Tama Township - Tama Township Total Incident	4	0.91%
<b>T-Union Township - Union Township</b>		
321 - EMS call, excluding vehicle accident with injury	4	0.91%
322 - Motor vehicle accident with injuries	1	0.23%
631 - Authorized controlled burning	1	0.23%
Zone: T-Union Township - Union Township Total Incident	6	1.37%
<b>TOTAL INCIDENTS FOR ALL ZONES:</b>	<b>439</b>	<b>100%</b>

Report shows count of incidents for Status selected.



# Burlington Fire Department

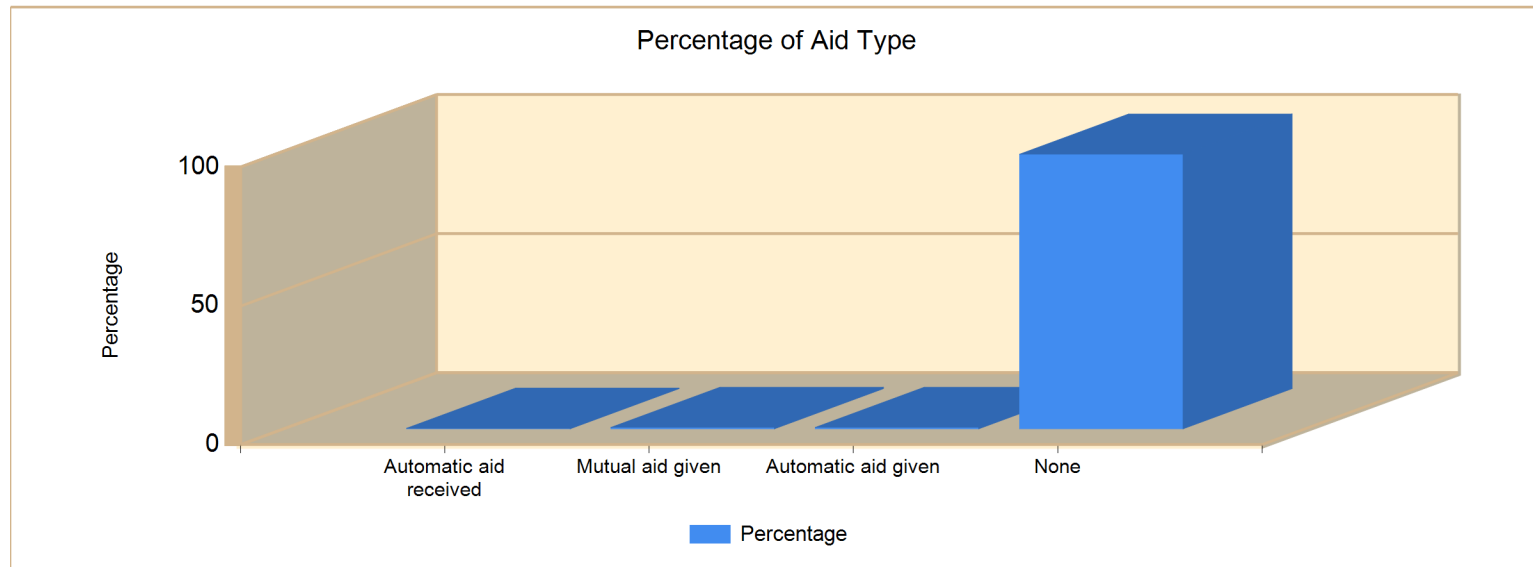
Burlington, IA

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## Count of Aid Given and Received for Incidents for Date Range

Start Date: 04/01/2019 | End Date: 04/30/2019



AID TYPE	TOTAL	% of TOTAL
Automatic aid received	1	0.2%
Mutual aid given	2	0.5%
Automatic aid given	2	0.5%
None	434	98.9%

Only REVIEWED incidents included



# Burlington Fire Department

Burlington, IA

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

Start Date: 04/01/2019 | End Date: 04/30/2019

COMPLAINT REPORTED BY DISPATCH	# INCIDENTS
Abdominal Pain/Problems	8
Allergic Reaction/Stings	1
Assault	8
Back Pain (Non-Traumatic)	4
Breathing Problem	41
Burns/Explosion	1
Cardiac Arrest/Death	1
Chest Pain (Non-Traumatic)	23
Choking	2
Convulsions/Seizure	7
Diabetic Problem	3
Falls	72
Headache	1
Heart Problems/AICD	3
Hemorrhage/Laceration	2
Medical Alarm	3
No Other Appropriate Choice	36
Overdose/Poisoning/Ingestion	10
Pregnancy/Childbirth/Miscarriage	1
Psychiatric Problem/Abnormal Behavior/Suicide Attempt	12
Sick Person	30
Stab/Gunshot Wound/Penetrating Trauma	1
Stroke/CVA	6
Traffic/Transportation Incident	12
Transfer/Interfacility/Palliative Care	15
Traumatic Injury	7
Unconscious/Fainting/Near-Fainting	27
Unknown Problem/Person Down	11
Well Person Check	4

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: 04/01/2019 | End Date: 04/30/2019

HOSPITAL DESTINATION	# TRANSPORTS
Care Initiatives	1
Great River Hospice	1
Great River Medical Center	266
University of Iowa Hospital & Clinic	7
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:** Wednesday, May 01, 2019 12:37 AM  
**To:** Matt Trexel  
**Subject:** LIFENET System: Transmission Summary Report is available (4/1/2019 - 5/1/2019)

**LIFENET® System**



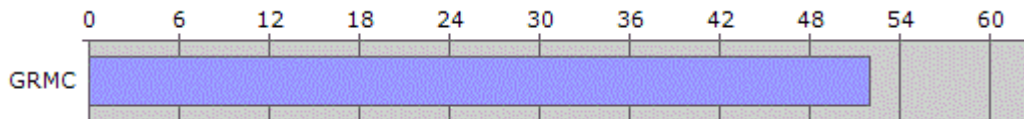
## LIFENET Monthly Transmission Summary

4/1/2019 - 5/1/2019

**Account Name: Burlington Fire Department (Burlington, IA)**

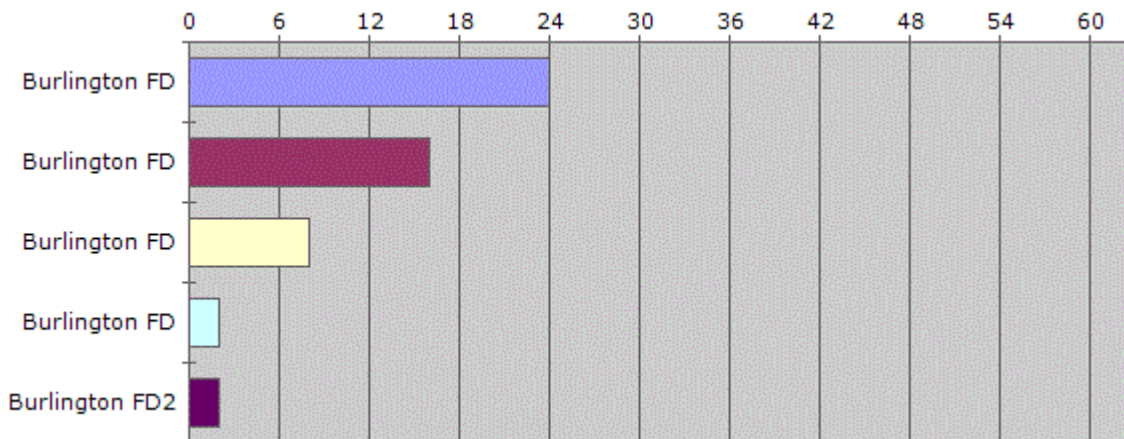
**Total Transmissions in April: 52**

Transmissions to Site: GRMC 52



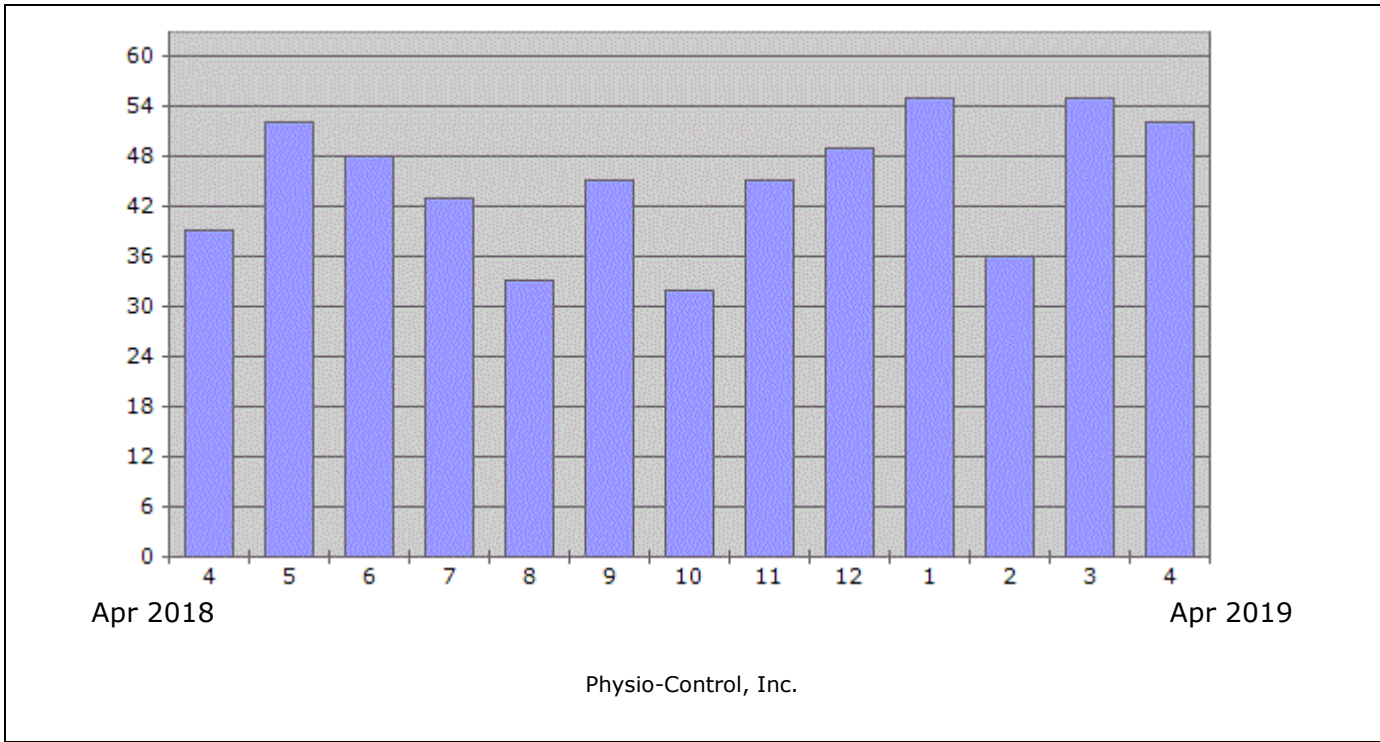
**Transmissions by Device/Gateway: 52**

LIFEPAK 15	S/N 45037513	Burlington FD	24
LIFEPAK 15	S/N 45039298	Burlington FD	16
LIFEPAK 15	S/N 45036207	Burlington FD	8
LIFEPAK 15	S/N 42592232	Burlington FD	2
LIFEPAK 15	S/N 42595992	Burlington FD2	2



**13 Month Transmission History:**





Log on to LIFENET System website to view this report and other associated information:  
[https://www.lifenetsystems.com/system\\_reports.aspx](https://www.lifenetsystems.com/system_reports.aspx)

*Notification occurred: 5/1/2019 12:37:23 AM (UTC-05:00)*

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