



# **Burlington Fire Department Monthly Report January 2021**

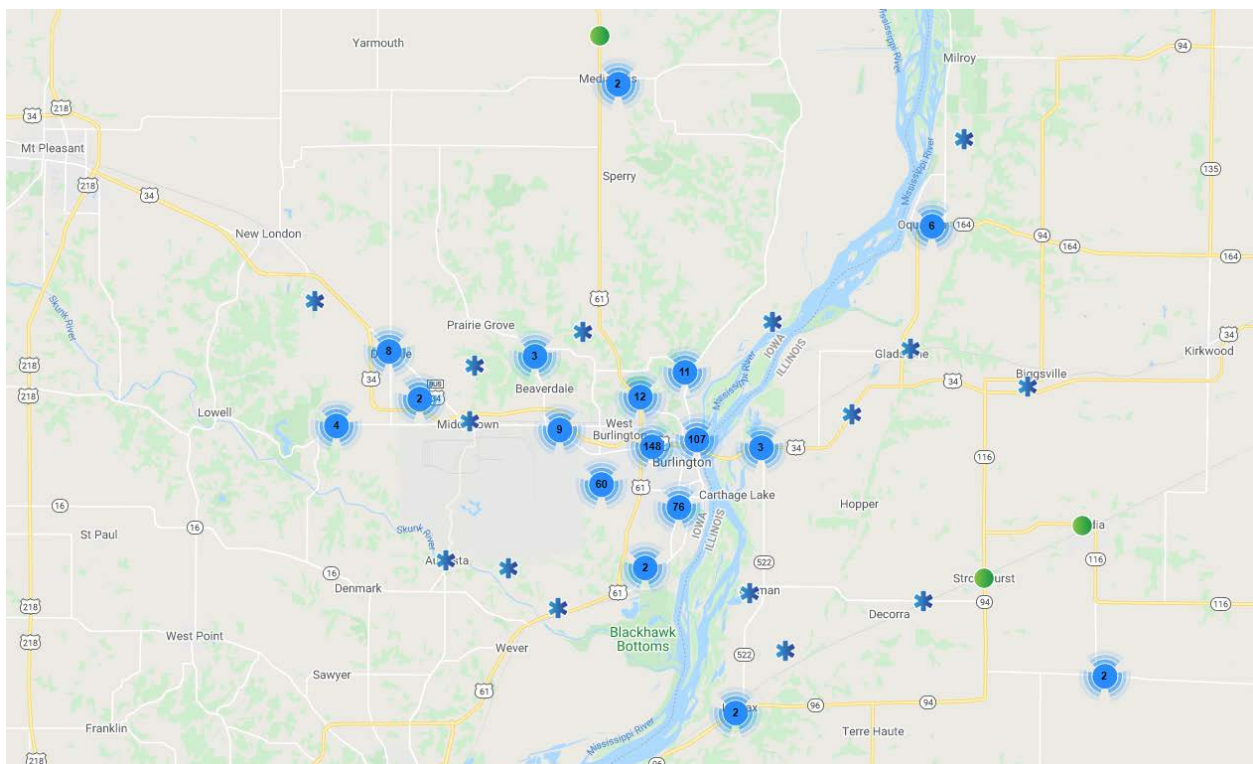
**“The Mission of the Burlington Fire Department is to provide for the fire and life safety needs of the community in the most professional, courteous, and efficient manner possible.”**

## Operations

The Burlington Fire Department responded to 470 calls for service in January. 342 calls were in the city limits of Burlington (73%). 42% of the calls were overlapping, meaning we had two or more calls in progress at the same time. In the city limits of Burlington, our average response time was 5 minutes and 12 seconds (this time starts when we receive the alarm and ends when we arrive on the scene). The average response time for all emergency calls (including those outside the city) was 6 minutes and 22 seconds.

361 calls were EMS-related (77%). 271 patients were transported (262 to Great River Medical Center). The Department responded to 67 calls related to falls, 45 calls for breathing issues, and 30 for unconscious patients.

Below is a “heat” map of the Burlington area that shows the general vicinity and number of calls in January.



**Heat Map (January 2021)**

## Training

The Department recorded over 400 hours of training in January. The major focus of training was skills training with the new MSA air packs. Other training types included:

- Officer/leadership development
- Recruit training
- EMS formal education
- Hazmat air monitoring



## Community Risk Reduction

- Crews installed 10 smoke alarms and 4 carbon monoxide alarms.
- Fire Marshal Crooks completed a fire investigation for structure fire on Ashmun Street.
- Fire Marshal Crooks attended the Quad Cities Area Fire Marshal's Association virtual meeting.
- Captain Howard conducted a fire safety presentation at Great River Christian School.

### **Other Activities**

- 12 members of the Department participated in promotional testing.
- All ambulances passed the annual Illinois EMS inspection.
- Chief Trexel attended the Des Moines County EMS Association meeting (virtual) and the Joint Safety Committee meeting.
- Deputy Chief Ryan and Chief Trexel attended the COVID-19 Emergency Operations Center briefings (virtual).

### January 2021 US fire statistics

- 239 civilians were killed in residential structure fires (5 in Iowa)
- 14 firefighters died in the line of duty

Respectfully Submitted,

Matt Trexel

Fire Chief

# Burlington Fire Department

Burlington, IA

This report was generated on 2/12/2021 10:29:34 AM



## Incident Statistics

Start Date: 01/01/2021 | End Date: 01/31/2021

| INCIDENT COUNT   |                           |                         |                             |
|--|---------------------------|-------------------------|-----------------------------|
| INCIDENT TYPE  |                           | # INCIDENTS             |                             |
| EMS  |                           | 361                     |                             |
| FIRE   |                           | 109                     |                             |
| <b>TOTAL</b>   |                           | <b>470</b>              |                             |
| TOTAL TRANSPORTS (N2 and N3)                                   |                           |                         |                             |
| APPARATUS  | # of APPARATUS TRANSPORTS | # of PATIENT TRANSPORTS | TOTAL # of PATIENT CONTACTS |
| 721  | 0                         | 1                       | 1                           |
| 727  | 0                         | 1                       | 1                           |
| 751  | 103                       | 123                     | 122                         |
| 752  | 5                         | 6                       | 6                           |
| 753  | 109                       | 137                     | 137                         |
| 754  | 6                         | 8                       | 8                           |
| 755  | 54                        | 79                      | 79                          |
| <b>TOTAL</b>   | <b>277</b>                | <b>355</b>              | <b>354</b>                  |
| PRE-INCIDENT VALUE   |                           | LOSSES                  |                             |
| <b>\$66,000.00</b>   |                           | <b>\$51,000.00</b>      |                             |
| CO CHECKS  |                           |                         |                             |
| 424 - Carbon monoxide incident                                 |                           | 2                       |                             |
| 736 - CO detector activation due to malfunction                |                           | 3                       |                             |
| <b>TOTAL</b>   |                           | <b>5</b>                |                             |
| MUTUAL AID   |                           |                         |                             |
| Aid Type   |                           | Total                   |                             |
| Aid Received   |                           | 2                       |                             |
| OVERLAPPING CALLS  |                           |                         |                             |
| # OVERLAPPING  |                           | % OVERLAPPING           |                             |
| 197  |                           | 41.91                   |                             |
| LIGHTS AND SIREN - AVERAGE RESPONSE TIME (Dispatch to Arrival) |                           |                         |                             |
| Station  | EMS                       | FIRE                    |                             |
| Station 1  | 0:06:16                   | 0:07:56                 |                             |
| Station 2  | 0:04:55                   | 0:05:03                 |                             |
| Station 3 - Bakers Pride                                       | 0:06:45                   | 0:07:11                 |                             |
| <b>AVERAGE FOR ALL CALLS</b>                                   |                           | <b>0:06:22</b>          |                             |

Only Reviewed Incidents included. EMS for Incident counts includes only 300 to 399 Incident Types. All other incident types are counted as FIRE. CO Checks only includes Incident Types: 424, 736 and 734. # Apparatus Transports = # of incidents where apparatus transported. # Patient Transports = All patients transported by EMS. # Patient Contacts = # of PCR contacted by apparatus. This report now returns both NEMSIS 2 & 3 data as appropriate. For overlapping calls that span over multiple days, total per month will not equal Total count for year.

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

| <b>Station</b>               | <b>EMS</b> | <b>FIRE</b>                          |
|------------------------------|------------|--------------------------------------|
| Station 1                    | 0:01:38    | 0:01:45                              |
| Station 2                    | 0:01:23    | 0:01:40                              |
| Station 3 - Bakers Pride     | 0:01:24    | 0:01:46                              |
| <b>AVERAGE FOR ALL CALLS</b> |            | <b>0:01:29</b>                       |
| <b>AGENCY</b>                |            | <b>AVERAGE TIME ON SCENE (MM:SS)</b> |
| Burlington Fire Department   |            | 18:41                                |

Only Reviewed Incidents included. EMS for Incident counts includes only 300 to 399 Incident Types. All other incident types are counted as FIRE. CO Checks only includes Incident Types: 424, 736 and 734. # Apparatus Transports = # of incidents where apparatus transported. # Patient Transports = All patients transported by EMS. # Patient Contacts = # of PCR contacted by apparatus. This report now returns both NEMSIS 2 & 3 data as appropriate. For overlapping calls that span over multiple days, total per month will not equal Total count for year.

# Burlington Fire Department

Burlington, IA

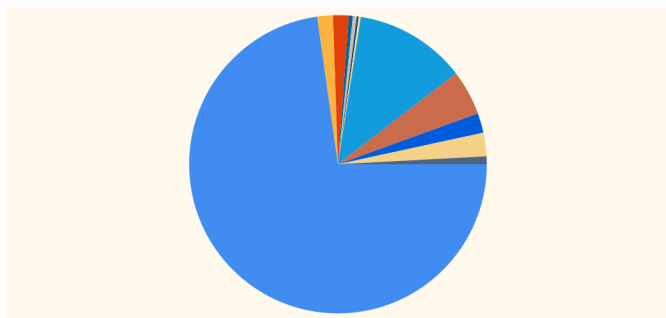
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## Count of Incidents by Incident Type per Zone

Incident Status: Reviewed | Start Date: 01/01/2021 | End Date: 01/31/2021

% of Incidents per Zone



| INCIDENT TYPE  | # INCIDENTS | % of TOTAL    |
|--|-------------|---------------|
| <b>C-Burlington - City of Burlington</b>                       |             |               |
| 111 - Building fire  | 1           | 0.21%         |
| 131 - Passenger vehicle fire                                   | 1           | 0.21%         |
| 311 - Medical assist, assist EMS crew                          | 1           | 0.21%         |
| 321 - EMS call, excluding vehicle accident with injury         | 243         | 51.70%        |
| 322 - Motor vehicle accident with injuries                     | 6           | 1.28%         |
| 324 - Motor vehicle accident with no injuries.                 | 6           | 1.28%         |
| 353 - Removal of victim(s) from stalled elevator               | 1           | 0.21%         |
| 381 - Rescue or EMS standby                                    | 1           | 0.21%         |
| 412 - Gas leak (natural gas or LPG)                            | 2           | 0.43%         |
| 424 - Carbon monoxide incident                                 | 2           | 0.43%         |
| 440 - Electrical wiring/equipment problem, other               | 1           | 0.21%         |
| 444 - Power line down  | 1           | 0.21%         |
| 550 - Public service assistance, other                         | 1           | 0.21%         |
| 551 - Assist police or other governmental agency               | 2           | 0.43%         |
| 553 - Public service   | 29          | 6.17%         |
| 561 - Unauthorized burning                                     | 3           | 0.64%         |
| 611 - Dispatched & cancelled en route                          | 10          | 2.13%         |
| 622 - No incident found on arrival at dispatch address         | 17          | 3.62%         |
| 651 - Smoke scare, odor of smoke                               | 1           | 0.21%         |
| 700 - False alarm or false call, other                         | 2           | 0.43%         |
| 730 - System malfunction, other                                | 1           | 0.21%         |
| 731 - Sprinkler activation due to malfunction                  | 1           | 0.21%         |
| 733 - Smoke detector activation due to malfunction             | 3           | 0.64%         |
| 735 - Alarm system sounded due to malfunction                  | 2           | 0.43%         |
| 736 - CO detector activation due to malfunction                | 3           | 0.64%         |
| 745 - Alarm system activation, no fire - unintentional         | 1           | 0.21%         |
| <b>Zone: C-Burlington - City of Burlington Total Incident:</b> | <b>342</b>  | <b>72.77%</b> |

Report shows count of incidents for Status selected.



| INCIDENT TYPE   | # INCIDENTS | % of TOTAL |
|---|-------------|------------|
| <b>C-Danville - City of Danville</b>                              |             |            |
| 321 - EMS call, excluding vehicle accident with injury            | 7           | 1.49%      |
| 622 - No incident found on arrival at dispatch address            | 1           | 0.21%      |
| Zone: C-Danville - City of Danville Total Incident:               | 8           | 1.70%      |
| <b>C-Mediapolis - City of Mediapolis</b>                          |             |            |
| 321 - EMS call, excluding vehicle accident with injury            | 1           | 0.21%      |
| 611 - Dispatched & cancelled en route                             | 1           | 0.21%      |
| Zone: C-Mediapolis - City of Mediapolis Total Incident:           | 2           | 0.43%      |
| <b>C-Middletown - City of Middletown</b>                          |             |            |
| 321 - EMS call, excluding vehicle accident with injury            | 1           | 0.21%      |
| Zone: C-Middletown - City of Middletown Total Incident:           | 1           | 0.21%      |
| <b>C-West Burlington - City of West Burlington</b>                |             |            |
| 321 - EMS call, excluding vehicle accident with injury            | 48          | 10.21%     |
| 322 - Motor vehicle accident with injuries                        | 2           | 0.43%      |
| 553 - Public service  | 1           | 0.21%      |
| 611 - Dispatched & cancelled en route                             | 4           | 0.85%      |
| 622 - No incident found on arrival at dispatch address            | 2           | 0.43%      |
| Zone: C-West Burlington - City of West Burlington Total Incident: | 57          | 12.13%     |
| <b>Henderson - Henderson County</b>                               |             |            |
| 321 - EMS call, excluding vehicle accident with injury            | 16          | 3.40%      |
| 322 - Motor vehicle accident with injuries                        | 1           | 0.21%      |
| 611 - Dispatched & cancelled en route                             | 6           | 1.28%      |
| Zone: Henderson - Henderson County Total Incident:                | 23          | 4.89%      |
| <b>T-Con Township - Concordia Township</b>                        |             |            |
| 321 - EMS call, excluding vehicle accident with injury            | 1           | 0.21%      |
| 553 - Public service  | 1           | 0.21%      |
| Zone: T-Con Township - Concordia Township Total Incident:         | 2           | 0.43%      |
| <b>T-Dan Township - Danville Township</b>                         |             |            |
| 321 - EMS call, excluding vehicle accident with injury            | 6           | 1.28%      |
| 611 - Dispatched & cancelled en route                             | 2           | 0.43%      |
| Zone: T-Dan Township - Danville Township Total Incident:          | 8           | 1.70%      |
| <b>T-Flt Riv Township - Flint River Township</b>                  |             |            |
| 321 - EMS call, excluding vehicle accident with injury            | 8           | 1.70%      |
| 412 - Gas leak (natural gas or LPG)                               | 1           | 0.21%      |
| 553 - Public service  | 1           | 0.21%      |
| Zone: T-Flt Riv Township - Flint River Township Total Incident:   | 10          | 2.13%      |
| <b>T-Tama Township - Tama Township</b>                            |             |            |
| 131 - Passenger vehicle fire                                      | 1           | 0.21%      |
| 321 - EMS call, excluding vehicle accident with injury            | 8           | 1.70%      |
| 553 - Public service  | 1           | 0.21%      |
| 611 - Dispatched & cancelled en route                             | 1           | 0.21%      |
| 745 - Alarm system activation, no fire - unintentional            | 1           | 0.21%      |

Report shows count of incidents for Status selected.





|   |            |             |
|---|------------|-------------|
| Zone: T-Tama Township - Tama Township Total Incident:             | 12         | 2.55%       |
| <b>T-Union Township - Union Township</b>                          |            |             |
| 321 - EMS call, excluding vehicle accident with injury            | 3          | 0.64%       |
| 352 - Extrication of victim(s) from vehicle                       | 1          | 0.21%       |
| Zone: T-Union Township - Union Township Total Incident:           | 4          | 0.85%       |
| <b>T-Yel Spr Township - Yellow Spring Township</b>                |            |             |
| 611 - Dispatched & cancelled en route                             | 1          | 0.21%       |
| Zone: T-Yel Spr Township - Yellow Spring Township Total Incident: | 1          | 0.21%       |
| <b>TOTAL INCIDENTS FOR ALL ZONES:</b>                             | <b>470</b> | <b>100%</b> |

Report shows count of incidents for Status selected.



# Burlington Fire Department

Burlington, IA

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## Average Response Time for Zone for Date Range

Zone: All Zones | Start Date: 01/01/2021 | End Date: 01/31/2021

| ZONE TITLE                                  | AVERAGE RESPONSE TIME IN MINUTES<br>(DISPATCH TO ARRIVED) |
|---|---|
| C-Mediapolis - City of Mediapolis           | 20.27   |
| T-Union Township - Union Township           | 17.81   |
| T-Dan Township - Danville Township          | 15.25   |
| Henderson - Henderson County                | 14.44   |
| C-Danville - City of Danville               | 14.29   |
| T-Tama Township - Tama Township             | 13.61   |
| T-Flt Riv Township - Flint River Township   | 13.42   |
| C-Middletown - City of Middletown           | 9.73  |
| T-Con Township - Concordia Township         | 6.96  |
| C-West Burlington - City of West Burlington | 5.86  |
| C-Burlington - City of Burlington           | 5.22  |

Only REVIEWED incidents included This report shows the time in decimal format. Excludes "Cancelled" apparatus.



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# Burlington Fire Department



Burlington, IA

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

Start Date: 01/01/2021 | End Date: 01/31/2021

| HOSPITAL DESTINATION                 | # TRANSPORTS |
|--------------------------------------|--------------|
| Arbor Court                          | 1            |
| Genesis East                         | 1            |
| Great River Medical Center           | 262          |
| Morning Sun Care Center              | 1            |
| Residence                            | 1            |
| University of Iowa Hospital & Clinic | 5            |

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



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# Burlington Fire Department

Burlington, IA

This report was generated on 2/12/2021 10:47:48 AM



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

Start Date: 01/01/2021 | End Date: 01/31/2021

| COMPLAINT REPORTED BY DISPATCH                        | # INCIDENTS |
|---|-------------|
| Abdominal Pain/Problems                               | 8           |
| Allergic Reaction/Stings                              | 3           |
| Assault   | 6           |
| Back Pain (Non-Traumatic)                             | 4           |
| Breathing Problem                                     | 45          |
| Cardiac Arrest/Death                                  | 1           |
| Chest Pain (Non-Traumatic)                            | 20          |
| Choking   | 1           |
| Convulsions/Seizure                                   | 20          |
| Diabetic Problem                                      | 6           |
| Falls   | 67          |
| Fire  | 1           |
| Headache  | 2           |
| Heart Problems/AICD                                   | 3           |
| Hemorrhage/Laceration                                 | 5           |
| Medical Alarm   | 2           |
| No Other Appropriate Choice                           | 26          |
| Overdose/Poisoning/Ingestion                          | 11          |
| Pregnancy/Childbirth/Miscarriage                      | 1           |
| Psychiatric Problem/Abnormal Behavior/Suicide Attempt | 11          |
| Sick Person   | 29          |
| Stab/Gunshot Wound/Penetrating Trauma                 | 1           |
| Stroke/CVA  | 12          |
| Traffic/Transportation Incident                       | 10          |
| Transfer/Interfacility/Palliative Care                | 11          |
| Traumatic Injury                                      | 5           |
| Unconscious/Fainting/Near-Fainting                    | 30          |
| 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

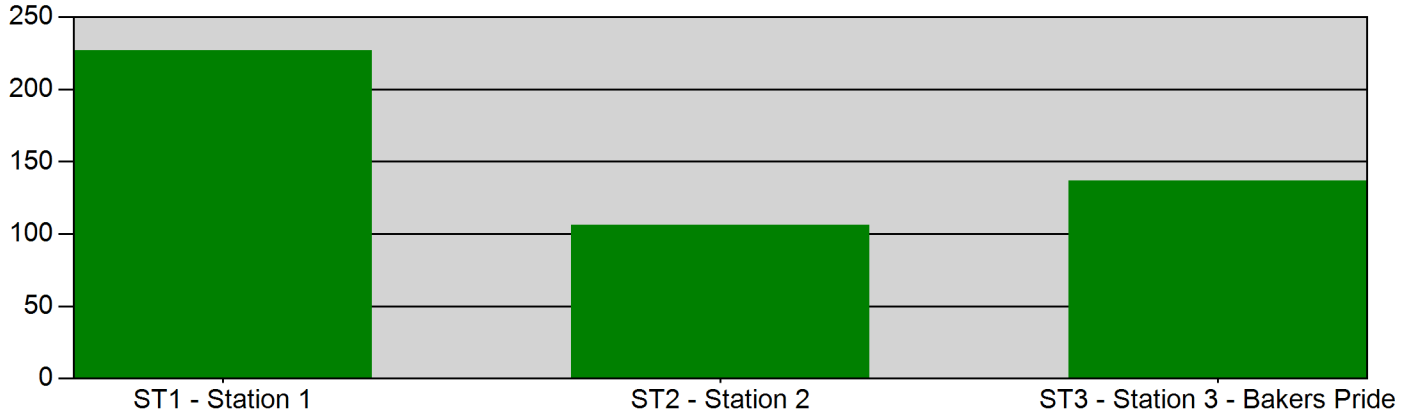
Burlington, IA

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## Incidents per Station for Date Time Range for Station

Start Time: 00:00 | End Time: 23:00 | Incident Type(s): All Incident Types | Station: All Stations | Start Date: 01/01/2021 | End Date: 01/31/2021



| STATION                        | COUNT      |
|--------------------------------|------------|
| ST1 - Station 1                | 227        |
| ST2 - Station 2                | 106        |
| ST3 - Station 3 - Bakers Pride | 137        |
| <b>TOTAL:</b>                  | <b>470</b> |

Only Reviewed Incidents included. This report totals the Incidents and groups by the Station specified in Basic 1. End Time menu returns all matches inside the chosen hour (ex: 23:00 returns all matching results from 23:00 - 23:59).



# Burlington Fire Department

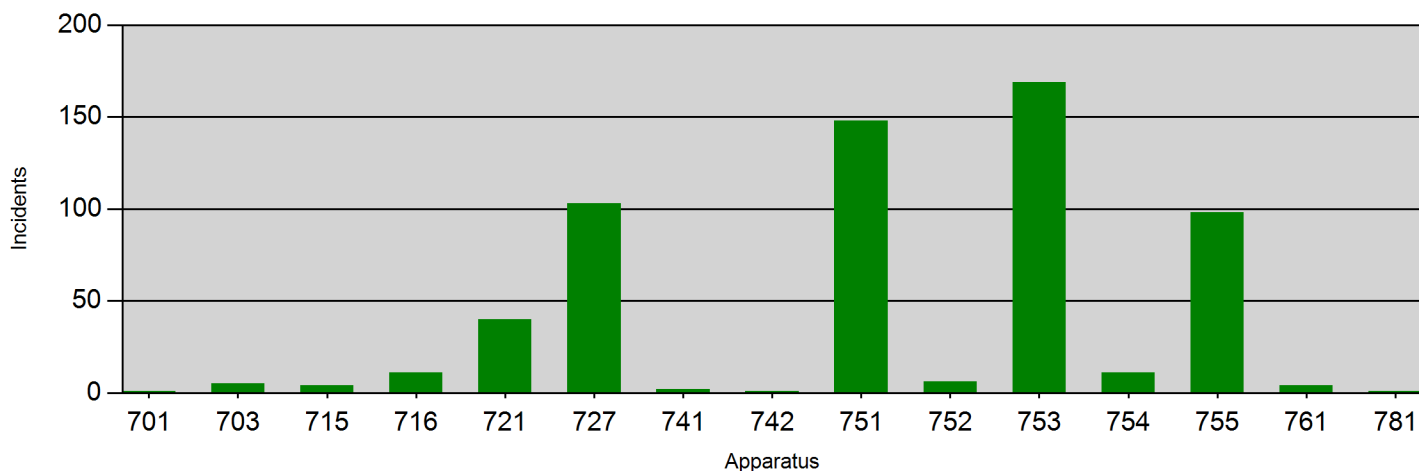
Burlington, IA

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## Incident Count per Apparatus for Date Range

Start Date: 01/01/2021 | End Date: 01/31/2021



| APPARATUS | # of INCIDENTS |
|-----------|----------------|
| 701       | 1              |
| 703       | 5              |
| 715       | 4              |
| 716       | 11             |
| 721       | 40             |
| 727       | 103            |
| 741       | 2              |
| 742       | 1              |
| 751       | 148            |
| 752       | 6              |
| 753       | 169            |
| 754       | 11             |
| 755       | 98             |
| 761       | 4              |
| 781       | 1              |

Canceled apparatus (per the THIS APPARATUS WAS CANCELLED checkbox on Basic Info 4) not included. Only REVIEWED incidents included.

