



# EMS Data Report: 2024

At the end of each calendar year, the Provider Based Performance Improvement (PBPI) committee provides an annual data report for the system. The current reporting software, ImageTrend, provides many canned reports to organize the data. During 2024, System members completed a combined 94,853 Patient Care Reports (PCR) which reflects an 5.03% increase over 2023.

| Table 1  | 2024   |       | 2023   |       | 2022   |     | 2021   |     |
|--|--------|-------|--------|-------|--------|-----|--------|-----|
| Total PCRs written   | 94,853 |       | 90,085 |       | 83,285 |     | 76,217 |     |
| Male   | 46,288 | 48.8% | 43,427 | 48.2% | 39,704 | 48% | 36,305 | 48% |
| Female   | 47,401 | 50%   | 45,631 | 50.6% | 43,690 | 51% | 39,100 | 51% |
| Nonbinary/Unknown/<br>Unable to determine/F to<br>M/M to F | 1,164  | 1.2%  | 1,027  | 1.1%  |        |     |        |     |

## Pediatric Data 17 and younger (extrapolated from totals above)

| Table 2  | 2024  |       | 2023  |      | 2022  |     | 2021  |     |
|--|-------|-------|-------|------|-------|-----|-------|-----|
| Total PCR written  | 6,256 |       | 5,967 |      | 5,548 |     | 5,023 |     |
| Male   | 3,392 | 54.2% | 2,929 | 53%  | 2,598 | 52% | 2,184 | 52% |
| Female   | 2,826 | 45.2% | 2,607 | 47%  | 2,406 | 48% | 2,004 | 48% |
| Nonbinary/Unknown/<br>Unable to determine/F to<br>M/M to F | 38    | 0.6%  | 28    | 0.4% |       |     |       |     |

## EMS Data Report - 2024

### Disposition

Each PCR is required to document a Disposition under National EMS Information System (NEMSIS) rules:

“Type of disposition treatment and/or transport of the patient by this EMS Unit.<sup>1</sup>”

**Table 3**

| Disposition Incident Patient Disposition<br>(eDisposition.12) | 2024<br>Number<br>of Runs | 2024<br>% of Total<br>Runs | 2023<br>Number<br>of Runs | 2022<br>Number<br>of Runs |
|---|---------------------------|----------------------------|---------------------------|---------------------------|
| Transport by This EMS Unit- ALS                               | 43,836                    | 46.2%                      | 20,247                    | 21,381                    |
| Transport by This EMS Unit- BLS                               | 33,430                    | 35.3%                      | 30,038                    | 28,180                    |
| Pt Refused Transport- BLS                                     | 7,760                     | 8.2%                       | -                         | -                         |
| Pt Refused Transport- No Care Provided                        | 3,033                     | 3.2%                       | -                         | -                         |
| Pt Refused Transport- ALS                                     | 2,820                     | 3.0%                       | -                         | -                         |
| No Transport- No Care Provided                                | 1,337                     | 1.4%                       | -                         | -                         |
| Transport by Another EMS Unit- BLS                            | 754                       | 0.8%                       | -                         | -                         |
| No Transport- ALS   | 494                       | 0.5%                       | -                         | -                         |
| No Transport- BLS   | 472                       | 0.5%                       | -                         | -                         |
| *No Disposition Selected*                                     | 468                       | 0.5%                       | -                         | -                         |
| Transport by Another EMS Unit- ALS                            | 174                       | 0.2%                       | -                         | -                         |
| No Transport- No Level of Care                                | 61                        | 0.1%                       | -                         | -                         |
| Transport by Another EMS Unit-<br>No Care Provided            | 48                        | 0.1%                       | -                         | -                         |
| Patient Refused Transport                                     | 39                        | 0.1%                       | -                         | -                         |
| Other (21 misc. dispositions)                                 | 128                       | 0.2%                       | -                         | -                         |

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## EMS Data Report - 2024

### Where we Transport

In 2024, System members transported 77,528 (81.7%) patients to various destinations throughout Illinois and surrounding states. This data reflects the findings entered as “Destination/Transferred to”. Name is defined as “The destination the patient was delivered or transferred to” fields.

NCH is centrally located within the EMS System’s service area and is the closest hospital for some of our busier agencies. Thus it appears to have received a disproportionate number of EMS transports. All System hospitals receive EMS patients from surrounding Systems that are not reflected in these numbers. These data do not reflect the total EMS patients received by any hospital, but only those from NWC EMSS Provider Agencies.

(Blank destination, 3,640 incidents, and “Not Transported”, 13,685 incidents, omitted from total)

**Table 4**

| Year  | 2024                        |                 | 2023                        | 2022                        |
|---|-----------------------------|-----------------|-----------------------------|-----------------------------|
| Total PCR's   | 94,853                      |                 | 90,085                      | 83,285                      |
| Total Transports  | 77,528                      |                 | 71,723                      | 65,805                      |
| <b>NWC EMSS Hospitals</b>   | Number of patients received | % of Total Runs | Number of patients received | Number of patients received |
| Northwest Community Hospital (Part of NorthShore)                                 | 20,572                      | 21.7%           | 20,439                      | 19,853                      |
| Ascension Alexian Brothers MC   | 8,890                       | 9.4%            | 9,148                       | 8,957                       |
| Ascension Health St. Alexius MC   | 6,587                       | 7.0%            | 6,572                       | 6,622                       |
| Advocate Good Shepherd Hospital   | 6,516                       | 6.9%            | 6,417                       | 4,361                       |
| AdventHealth Glen Oaks MC   | 2,550                       | 2.7%            | 2,562                       | 2,667                       |
| Ascension Resurrection MC   | 355                         | 0.4%            | 288                         | 252                         |
| <b>Non-system Hospitals that received the most patients from a System agency.</b> |                             |                 |                             |                             |
| Advocate Condell MC   | 1,908                       | 2.0%            | 1,843                       | 1,792                       |
| Advocate Lutheran General Hospital  | 1,838                       | 2.0%            | 1,598                       | 1,417                       |
| NorthShore Glenbrook Hospital   | 1,614                       | 1.7%            | 1,327                       | 1,252                       |
| NorthShore Hospital-Highland Park   | 835                         | 0.9%            | 723                         | 669                         |
| NorthShore Hospital- Evanston   | 793                         | 0.8%            | 193                         | 155                         |
| All other Destinations  | 25,070                      | 22.8%           | 20,233                      | 17,475                      |

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## EMS Data Report - 2024

### Primary Impression

Each PCR includes a “Provider’s Primary Impression” which is the EMS practitioner’s determination of the patient’s primary problem or most significant condition which led to the management given to them (treatments, medications, or procedures)<sup>1</sup>. The 2024 data reflected 225 different Primary Impressions. The following table shows the top 24 that were selected in at least 1% or higher of the total PCRs written. The most frequently selected Primary Impression was “Weakness”. “Weakness” rose to 18,688 calls, up 33.9% from 2023.

**Table 5**

| Situation Provider Primary Impression (eSituation.11)        | 2024 Number of Runs | 2024 % of Total Runs | 2023 Number of Runs | 2022 Number of Runs |
|--|---------------------|----------------------|---------------------|---------------------|
| Weakness (R53.1)   | 18,688              | 19.7%                | 13,961              | 11,358              |
| Acute pain (G89.1)   | 3,851               | 4.0%                 | 4,286               | 4,003               |
| No abnormal findings upon Exam (Z00)                         | 2,930               | 3.0%                 | 5,863               | 5,399               |
| Transport for additional assessment or testing (Z02.89)      | 2,807               | 3.0%                 | 2,649               | 2,033               |
| Altered mental status (R41.82)                               | 2,588               | 2.7%                 | 2,734               | 2,639               |
| Dyspnea / Other Respiratory Unspecified (J98.9)              | 2,391               | 2.5%                 | 2,467               | 2,467               |
| Bed Confinement status (Z74.01)                              | 2,224               | 2.3%                 | 2,254               | 3,079               |
| Malaise (R53.81)   | 2,125               | 2.5%                 | 2,444               | 1,899               |
| Injury of head (S09.90)                                      | 2,073               | 2.2%                 | 2,190               | 2,159               |
| Generalized abdominal pain (R10.84)                          | 1,775               | 1.9%                 | 1,604               | 1,397               |
| Dizziness (R42)  | 1,666               | 1.8%                 | 1,656               | 1,604               |
| Syncope (R55)  | 1,645               | 1.7%                 | 1,652               | 1,561               |
| Repeated Falls (R29.6)                                       | 1,625               | 1.7%                 | 1,803               | 1,677               |
| Suicidal ideations (R45.851)                                 | 1,530               | 1.6%                 | 1,688               | 1,647               |
| Alcohol use, with intoxication (F10.92)                      | 1,521               | 1.6%                 | 1,566               | 1,412               |
| Anxiety Disorder   | 1,405               | 1.5%                 | 1,986               | 1,993               |
| Unspecified Convulsions / Seizure (R56.9)                    | 1,291               | 1.4%                 | 1,235               | 1,157               |
| Stroke / Cerebral Infarction (I63.9)                         | 1,246               | 1.3%                 | 1,120               | 1,108               |
| Chest Pain (precordial) (R07.2)                              | 1,216               | 1.3%                 | 1,742               | 1,694               |
| Nausea and Vomiting (R11)                                    | 1,103               | 1.2%                 | 1,150               | 967                 |
| Unspecified disorder of adult personality and behavior (F69) | 1,072               | 1.1%                 | N/A                 | N/A                 |
| Feared Complaint Unfounded (Z71.1)                           | 1,047               | 1.1%                 | 277                 | 574                 |
| Back Pain, non-traumatic (M54.9)                             | 974                 | 1.1%                 | 1,008               | 886                 |
| Chest Pain (Suspected Cardiac Origin) (R07.9)                | 941                 | 1%                   | 176                 | N/A                 |

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**Pediatric Top 24 Primary Impressions**

**Table 6**

| Situation Provider Primary Impression (eSituation.11)        | 2024 Number of Runs | 2024 % of Total Runs | 2023 Number of Runs | 2022 Number of Runs |
|--|---------------------|----------------------|---------------------|---------------------|
| No abnormal findings upon Exam (Z00)                         | 738                 | 11.8%                | 719                 | 618                 |
| Transport for additional assessment or testing (Z02.89)      | 349                 | 5.6%                 | 233                 | 139                 |
| Suicidal ideations (R45.851)                                 | 314                 | 5%                   | 388                 | 424                 |
| Violent behavior (R45.6)                                     | 276                 | 4.4%                 | 290                 | 246                 |
| Unspecified Convulsions / Seizure (R56.9)                    | 273                 | 4.4%                 | 268                 | 254                 |
| Weakness (R53.1)   | 254                 | 4%                   | 173                 | 131                 |
| Acute pain (G89.1)   | 220                 | 3.5%                 | 233                 | 204                 |
| Injury of head (S09.90)                                      | 194                 | 3.1%                 | 189                 | 165                 |
| Simple febrile convulsions / Seizure (R56.00)                | 165                 | 2.6%                 | 161                 | 175                 |
| Fever, unspecified (R50.9)                                   | 163                 | 2.6%                 | 176                 | 227                 |
| Allergy (T78.40)   | 131                 | 2.1%                 | 178                 | 119                 |
| Syncope (R55)  | 125                 | 2%                   | 138                 | 158                 |
| Depression   | 119                 | 1.9%                 | 3                   | N/A                 |
| Malaise (R53.81)   | 119                 | 1.9%                 | 89                  | 56                  |
| Dyspnea / Other Respiratory Unspecified (J98.9)              | 116                 | 1.9%                 | 126                 | 154                 |
| Anxiety disorder (F41.9)                                     | 112                 | 1.8%                 | 167                 | 149                 |
| Mental disorder (F99)  | 111                 | 1.8%                 | 255                 | 223                 |
| Generalized abdominal pain (R10.84)                          | 79                  | 1.3%                 | 89                  | 56                  |
| Unspecified disorder of adult personality and behavior (F69) | 79                  | 1.3%                 | N/A                 | N/A                 |
| Injury of face (S09.93)                                      | 71                  | 1.2%                 | 81                  | 87                  |
| Injury of forearm (S59.91)                                   | 70                  | 1.1%                 | 58                  | 51                  |
| Altered Mental Status (R41.82)                               | 68                  | 1.1%                 | 56                  | 65                  |
| Injury, other (T14.90)                                       | 64                  | 1%                   | 57                  | 61                  |
| Injury of wrist, hand and finger(s) (S69.9)                  | 63                  | 1%                   | 90                  | 83                  |
| Injury of knee (S80.91)                                      | 61                  | 1%                   | 62                  | 43                  |

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## EMS Data Report - 2024

### Medications given

The following table shows the top 25 medications given to a patient. It is understood that due to varying ways to document, the following numbers do not represent the number of patients that received the medication, or the number of doses given, just the number of times the medication was used.

**Table 7**

| Medication Given Description and RXCUI Code (eMedications.03) | 2024<br># of Times<br>Medication<br>Administered | 2023<br># of Times<br>Medication<br>Administered | 2022<br># of Times<br>Medication<br>Administered |
|---|--|--|--|
| Oxygen (7806)   | 5,346  | 5,024  | 7,344  |
| Normal saline (125464)  | 5,104  | 4,663  | 5,391  |
| Ondansetron (26225)   | 2,794  | 2,643  | 2,813  |
| Aspirin (1191)  | 2,452  | 2,365  | 2,665  |
| Fentanyl (4337)   | 1,826  | 1,727  | 2,336  |
| Epinephrine 1 mg / 10 mL (317361)                             | 1,729  | 1,704  | 2,070  |
| Nitroglycerin (4917)  | 1,124  | 1,072  | 1,173  |
| Albuterol (435)   | 732  | 696  | 783  |
| Ipratropium (7213)  | 682  | 642  | 696  |
| Dextrose 10% Injectable Solution (237648)                     | 497  | 455  | 541  |
| Midazolam (6960)  | 488  | 452  | 570  |
| Naloxone (7242)   | 360  | 448  | 644  |
| Ketamine (6130)   | 273  | 230  | 370  |
| Diphenhydramine (3498)  | 193  | 222  | 206  |
| Amiodarone (703)  | 131  | 97   | 131  |
| Glucagon (4832)   | 125  | 98   | 105  |
| Epinephrine 1mg/1mL (328316)                                  | 116  | 136  | 130  |
| Lidocaine (6387)  | 83   | 41   | 75   |
| Norepinephrine (7512)   | 81   | 75   | 128  |
| Atropine (1223)   | 78   | 66   | 84   |
| Adenosine (296)   | 76   | 76   | 78   |
| Glucose   | 67   | 36   | 25   |
| Acetaminophen (161)   | 54   | 59   | 11   |
| Verapamil   | 33   | 41   | 30   |
| Etomidate   | 27   | 25   | 15   |

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## EMS Data Report - 2024

### Procedures

The following table shows the top 25 procedures performed. It is understood that some patients received multiple attempts with the same procedure.

**Table 8**

| Procedure Performed Description And Code (eProcedures.03) | 2024 Number of Times Performed | 2023 Number of Times Performed | 2022 Number of Times Performed |
|---|--------------------------------|--------------------------------|--------------------------------|
| IV - Peripheral (392230005)                               | 13,464                         | 12,383                         | 9,078                          |
| ECG - 12 Lead Obtained (268400002)                        | 5,016                          | 4,563                          | 3,213                          |
| Spine Motion Restriction (426498007)                      | 3,554                          | 1,452                          | 22                             |
| Wound - Application of Bandage (182555002)                | 1,406                          | 1,785                          | 1,740                          |
| Cold Pack Application (229585002)                         | 1,316                          | 1,027                          | 1,065                          |
| IO - Intraosseous Access (430824005)                      | 642                            | 671                            | 706                            |
| Splinting - General (79321009)                            | 504                            | 626                            | 632                            |
| Orotracheal intubation using video + Bougie (398128007)   | 490                            | 520                            | 516                            |
| CPR - Manual (89666000)                                   | 489                            | 537                            | 559                            |
| Wound- Application of minor dressing (15631002)           | 484                            | 126                            | 139                            |
| ECG- 4 Lead Monitoring (itSNOMED.0006)                    | 453                            | 116                            | 74                             |
| CPR - Mechanical Device (429283006)                       | 422                            | 402                            | 389                            |
| Capnography Waveform (250863006)                          | 387                            | 397                            | 161                            |
| Airway - Clear / Suction (230040009)                      | 386                            | 351                            | 333                            |
| Electrocardiographic monitoring (46825001)                | 325                            | 163                            | 60                             |
| Assist Ventilation - BVM (425447009)                      | 298                            | 120                            | 283                            |
| Physical Restraints (386423001)                           | 259                            | 242                            | 198                            |
| Surgical Face Mask Applied to Patient (465635009)         | 236                            | 2,192                          | 6,753                          |
| Nasopharyngeal Insertion (182692007)                      | 232                            | 254                            | 286                            |
| Dressing - Pressure (26906007)                            | 204                            | 45                             | 45                             |
| CPAP / NIPPV (47545007)                                   | 184                            | 228                            | 143                            |
| Oropharyngeal Insertion (7443007)                         | 172                            | 205                            | 209                            |
| Defibrillation - Manual (426220008)                       | 168                            | 149                            | 150                            |
| Assist Ventilation - BV to Tube (408853006)               | 156                            | 39                             | 86                             |
| CPR- With Impedance Threshold Device (441893003)          | 132                            | 112                            | 90                             |

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## EMS Data Report - 2024

### Pediatric Cardiac Arrests

**Table 9**

| Agency Name<br>(dAgency.03)   | Incident<br>Date | Disposition<br>Incident Patient<br>Disposition<br>(eDisposition.12) | Situation<br>Provider<br>Primary<br>Impression<br>(eSituation.11) | Situation<br>Provider<br>Secondary<br>Impression List<br>(eSituation.12) | Disposition<br>Destination Name<br>Delivered<br>Transferred To<br>(eDisposition.01) |
|-------------------------------|------------------|---|---|--|---|
| Arlington Heights FD          | 03/02/2024       | Treat & Transport<br>ALS  | Respiratory<br>Arrest   |  | Northwest<br>Community  |
| Palatine FD                   | 05/18/2024       | Treat & Transport<br>ALS  | Cardiac Arrest  |  | Lutheran General  |
| Wauconda FD                   | 09/03/2024       | Treat & Transport<br>ALS  | Cardiac Arrest  |  | NIMC  |
| Arlington Heights FD          | 09/03/2024       | Treat & Transport<br>ALS  | Respiratory<br>Arrest   |  | Northwest<br>Community  |
| Barrington FD                 | 09/22/2024       | Treat & Transport<br>ALS  | Cardiac Arrest  |  | Advocate Good<br>Shepherd   |
| Palatine FD                   | 09/30/2024       | Treat & Transport<br>ALS  | Cardiac Arrest  |  | Northwest<br>Community  |
| Lincolnshire<br>RiverwoodsFPD | 10/18/2024       | Treat & Transport<br>ALS  | Cardiac Arrest  |  | Condell MC  |
| Lake Zurich FD                | 11/19/2024       | Treat & Transport<br>ALS  | Cardiac Arrest  |  | Advocate Good<br>Shepherd   |
| Schaumburg<br>FD              | 11/25/2024       | Treat & Transport<br>ALS  | Cardiac Arrest  |  | Northwest<br>Community  |
| Bloomington<br>FPD            | 12/13/2024       | Treat & Transport<br>ALS  | Cardiac Arrest  |  | Glen Oaks   |

#### Total Pediatric Cardiac Arrests for 2024:

10 Peds arrests in 2024

(1 MORE than 2023)

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## EMS Data Report - 2024

### Times Report

Many factors can affect response, scene, and at hospital times. Private vs. Fire-based responses and distance to receiving hospital are two of the largest factors, but keystroke errors in data entry also become a factor. The data is reported as the average and 90<sup>th</sup> percentile fractal times. The 90<sup>th</sup> percentile number is a better measure than a simple mean or “average” since it accounts for 90% of the data set instead of 50%. Outliers, which are part of most data sets, will not have the same disproportional adverse effect on the totals as the mean (average) calculation. Due to the differing nature of Private and Fire-based services, the times are reported as total System times and differentiated for service type.

Enroute time: From Unit notified until Unit enroute.  
 To the scene: From unit enroute to unit arrived on scene.  
 On scene: From Unit arrived on scene until unit left scene.  
 Transport time: From Unit left scene until unit arrived at destination.  
 Back in-service time: From Unit arrived at destination until unit identified back in-service.

**Table 10**

|                 | 2024 All System |       | 2024 Fire Based Services |       | 2024 Private Ambulance Services |       |
|-----------------|-----------------|-------|--------------------------|-------|---------------------------------|-------|
|                 | Average         | 90%   | Average                  | 90%   | Average                         | 90%   |
| Enroute time    | 1.04            | 2.61  | 1.02                     | 1.91  | 1.13                            | 5.93  |
| To the scene    | 7.85            | 14.66 | 3.88                     | 6.76  | 26.74                           | 52.2  |
| On scene time   | 17.02           | 29.63 | 14.48                    | 24.99 | 29.18                           | 51.64 |
| Transport time  | 11.24           | 20.76 | 9.95                     | 15.16 | 17.38                           | 47.37 |
| Back in service | 24.93           | 44.11 | 24.53                    | 42.99 | 26.81                           | 49.4  |

**Table 11**

|                 | 2023 All System |       | 2023 Fire Based Services |       | 2023 Private Ambulance Services |       |
|-----------------|-----------------|-------|--------------------------|-------|---------------------------------|-------|
|                 | Average         | 90%   | Average                  | 90%   | Average                         | 90%   |
| Enroute time    | 0.99            | 2.84  | 1.04                     | 1.99  | 0.75                            | 7.31  |
| To the scene    | 7.88            | 14.7  | 3.91                     | 6.75  | 27.74                           | 54.71 |
| On scene time   | 16.06           | 27.26 | 14.18                    | 22.74 | 28.72                           | 49.86 |
| Transport time  | 10.86           | 20.00 | 9.69                     | 14.83 | 16.69                           | 45.87 |
| Back in service | 26.43           | 45.87 | 26.58                    | 46.44 | 25.63                           | 43.02 |

**Table 12**

|                 | 2022 All System |       | 2022 Fire Based Services |       | 2022 Private Ambulance Services |       |
|-----------------|-----------------|-------|--------------------------|-------|---------------------------------|-------|
|                 | Average         | 90%   | Average                  | 90%   | Average                         | 90%   |
| Enroute time    | 1.00            | 2.53  | 1.03                     | 1.92  | 0.84                            | 5.41  |
| To the scene    | 8.01            | 14.79 | 3.87                     | 6.57  | 27.66                           | 53.86 |
| On scene time   | 16.29           | 26.76 | 14.12                    | 22.66 | 26.59                           | 46.25 |
| Transport time  | 10.73           | 19.37 | 9.44                     | 14.55 | 16.83                           | 42.28 |
| Back in service | 28.30           | 47.48 | 28.87                    | 48.87 | 25.60                           | 40.91 |

### Unit Numbers

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## EMS Data Report - 2024

Most agencies have multiple units that complete PCR's. The following are the 15 units and agency affiliations with the top numbers of completed PCR's.

**Table 13**

| Response EMS Unit Call Sign (eResponse.14) | 2024 # of Runs | % of Total Runs | Agency Name (dAgency.03) | 2023 # of Runs | 2022 # of Runs |
|--|----------------|-----------------|--------------------------|----------------|----------------|
| 726  | 3,030          | 3.19%           | Elite Ambulance          | 1,470          | 439            |
| 701  | 2,453          | 2.68%           | Elite Ambulance          | 2,508          | 2,755          |
| 709  | 2,336          | 2.59%           | Elite Ambulance          | 1,973          | 1,763          |
| A51  | 2,444          | 2.58%           | Schaumburg FD            | 2,198          | 2,144          |
| A21  | 2,273          | 2.4%            | Hoffman Est. FD          | 2,342          | 2,255          |
| M21  | 2,249          | 2.37%           | Bloomington FPD          | 2,336          | 2,320          |
| A2   | 2,064          | 2.18%           | Arlington Hts. FD        | 2,197          | 2,230          |
| A82  | 2,032          | 2.14%           | Palatine PD              | 2,052          | 1,995          |
| A1   | 1,864          | 1.97%           | Arlington Hts. FD        | 1,931          | 2,011          |
| A52  | 1,831          | 1.93%           | Schaumburg FD            | 1,949          | 1,812          |
| A83  | 1,775          | 1.87%           | Palatine FD              | 1,859          | 1,731          |
| 713  | 1,761          | 1.87%           | Elite Ambulance          | 1,592          | 911            |
| A3   | 1,741          | 1.84%           | Arlington Hts. FD        | 1,873          | 1,847          |
| A341                                       | 1,740          | 1.83%           | Wauconda FD              | 1,681          | -              |
| 704  | 1,655          | 1.74%           | Elite Ambulance          | 1,063          | 1,522          |

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## EMS Data Report - 2024

### PCRs written by each agency

The following are the numbers of PCRs completed by each agency. This may not fully indicate the number of patients treated, as some agencies complete a PCR on “no patient found” and “canceled” incidents. Total PCRs written in 2024 were 94,853.

**Table 14**

| Total PCRs per agency   | 2024   | 2023   | 2022   |
|-------------------------|--------|--------|--------|
| Advantage               | 696    | 437    | 869    |
| Arlington Heights       | 8,004  | 8,442  | 8,314  |
| A-Tec                   | 1,259  | 1,063  | 1,280  |
| Barrington              | 1,581  | 1,652  | 1,561  |
| Barrington-Countryside  | 1,463  | 1,404  | 1,308  |
| Bloomingdale            | 4,053  | 4,148  | 4,050  |
| Buffalo Grove           | 3,606  | 3,777  | 3,703  |
| Elite Ambulance         | 20,648 | 16,900 | 15,250 |
| Elk Grove Village       | 3,953  | 3,998  | 3,959  |
| Hoffman Estates         | 5,115  | 5,138  | 5,098  |
| Inverness               | 759    | 783    | 766    |
| Itasca                  | 1,126  | 1,114  | 1,065  |
| Lake Zurich             | 3,664  | 3,442  | 3,349  |
| Lincolnshire-Riverwoods | 2,549  | 2,598  | 2,545  |
| Long Grove              | 1,169  | 1,150  | 1,241  |
| Mount Prospect          | 5,535  | 5,180  | 4,986  |
| Palatine                | 6,585  | 6,728  | 6,582  |
| Prospect Heights        | 1,474  | 1,642  | 1,601  |
| Rolling Meadows         | 2,755  | 2,839  | 2,896  |
| Schaumburg              | 7,640  | 7,571  | 7,681  |
| Superior                | 6,472  | 4,955  | 3,185  |
| Wauconda                | 3,289  | 3,312  | -      |
| Wood Dale               | 1,458  | 1,557  | 1,527  |

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## EMS Data Report - 2024

### Respectfully Submitted PBPI Executive Board

|  |   |
|--|---|
| <p><b>Adam Sielig, Paramedic</b><br/>Arlington Heights Fire Department<br/>Chair, PBPI committee</p>             | <p><b>Taylor McIntyre, Paramedic</b><br/>Hoffman Estates Fire Department<br/>Vice Chair, PBPI committee</p>   |
| <p><b>Phil Schroeder, Paramedic</b><br/>Buffalo Grove Fire Department<br/>Data coordinator, PBPI committee</p>   | <p><b>Nichole Junge, RN, Paramedic</b><br/>Rolling Meadows Fire Department<br/>Secretary, PBPI committee</p>  |
| <p><b>Tyler Petersen, Paramedic</b><br/>Buffalo Grove Fire Department<br/>Screen Coordinator, PBPI committee</p> | <p><b>Vasilios (Bill) Toliopoulos, BSN, RN, LI, ECRN, PHRN</b><br/><b>Kourtney Chesney BSN, RN, LI, ECRN, Paramedic</b><br/>System Liaison for PBPI</p> |

### References

1. NEMSIS VERSION 3.5.0.211008CP3: The NEMSIS/NHTSA Version 3 Dataset provide 596 data elements that can be implemented by an EMS system. National data elements are defined as those that should be collected for the National EMS Database, but additional data elements should be considered for use at the state and local levels depending on each state or local EMS system's need. <https://nemsis.org/technical-resources/version-3/version-3-data-dictionaries/>
2. Title 77: Public Health Chapter I: Department of Public Health Subchapter f: Emergency Services and Highway Safety Part 515 Emergency Medical Services, Trauma Center, Comprehensive Stroke Center Primary Stroke Center and Acute Stroke Ready Hospital Code Section 515.350 DATA COLLECTION AND SUBMISSION (Source: Amended at 42 Ill. Reg. 17632, effective September 20, 2018)  
<https://www.ilga.gov/commission/jcar/admincode/077/077005150C03500R.html>
3. IDPH EMS Rules Section 515.330 EMS System Program Plan (Source: Amended by emergency rulemaking at 46 Ill. Reg. 1173, effective December 27, 2021, for a maximum of 150 days)
4. <https://www.imagetrend.com/>