Comparing the characteristics of responses that resulted in a hospital transport to those that did not. Results from MedStar/Klarus MIH Program Data.

Created: 2017-12-05 Updated: 2017-12-05

All encounters used in this report where dated between 2014-01-25 and 2017-08-31

# Analysis of transported

# A tibble: 2 x 6  
 transported n n\_total percent lcl ucl  
 <chr> <int> <int> <dbl> <dbl> <dbl>  
1 No 640 1639 39.05 36.71 41.44  
2 Yes 999 1639 60.95 58.56 63.29

The data includes information about 1,639 encounters. Overall, 999 (39%) encounters resulted in a transport and 640 (61%) did not.

# A tibble: 4 x 8  
 mhp\_on\_scene transported n n\_group n\_total percent\_row lcl\_row  
 <chr> <chr> <int> <int> <int> <dbl> <dbl>  
1 No No 112 657 1639 17.05 14.36  
2 No Yes 545 657 1639 82.95 79.88  
3 Yes No 528 982 1639 53.77 50.63  
4 Yes Yes 454 982 1639 46.23 43.13  
# ... with 1 more variables: ucl\_row <dbl>

At 83% of the encounters where there was no MHP on scene, the patient was transported to the hospital. Conversely, at 46% of the encounters where there was an MHP on scene, the patient was transported to the hospital.

# Table. Comparing the characteristics of responses that resulted in a hospital transport to those that did not.

|  |  |  |  |
| --- | --- | --- | --- |
| Characteristic | Class | Not Transported | Transported |
| N = 640 | N = 999 |
|  |  | n (Column %) | n (Column %) |
| MHP on scene | No | 112 (17.50) | 545 (54.55) |
|  | Yes | 528 (82.50) | 454 (45.45) |
| Call priority | 1 | 78 (12.19) | 274 (27.43) |
|  | 2 | 120 (18.75) | 412 (41.24) |
|  | 3 | 105 (16.41) | 300 (30.03) |
|  | CCP | 47 ( 7.34) | 4 ( 0.40) |
|  | MHP | 290 (45.31) | 9 ( 0.90) |
| Encounter type | 911 Call | 45 ( 7.03) | NA |
|  | 911 Response (Scene) | 6 ( 0.94) | NA |
|  | EMS | 458 (71.56) | 996 (99.70) |
|  | MIH Scheduled | 7 ( 1.09) | NA |
|  | MIH Unscheduled | 3 ( 0.47) | 3 ( 0.30) |
|  | Scheduled Visit | 37 ( 5.78) | NA |
|  | Unscheduled Visit | 83 (12.97) | NA |
|  | NA | 1 ( 0.16) | NA |
| Encounter outcome | AMA - Assessed and/or Treated and Released | 3 ( 0.47) | NA |
|  | AMA - Assessed and/or Treated, Trans. Law Enforcement | 1 ( 0.16) | NA |
|  | AMA - Patient Refused Evaluation/Care (Without Transport) | 106 (16.56) | NA |
|  | AMA - Pt. Assessed and/or Treated and Released | 89 (13.91) | NA |
|  | Canceled False Call | 1 ( 0.16) | NA |
|  | Canceled on Scene (No Patient Found) | 4 ( 0.62) | NA |
|  | Cancelled | 5 ( 0.78) | NA |
|  | Client Cancelled Visit PTA | 5 ( 0.78) | NA |
|  | Client Missed Visit - Unscheduled | 1 ( 0.16) | NA |
|  | Dead on Scene | 21 ( 3.28) | NA |
|  | DOS - Resuscitation Attempted | 2 ( 0.31) | NA |
|  | DOS - Resuscitation NOT Attempted | 1 ( 0.16) | NA |
|  | MIH - Call Complete | 321 (50.16) | NA |
|  | MIH - Canceled enroute | 2 ( 0.31) | NA |
|  | MIH - Case Management | 2 ( 0.31) | NA |
|  | MIH - Transferred Care to Transport Unit | NA | 3 ( 0.30) |
|  | RAS - Release at Scene (Patient Evaluated, No Treatment/Transport Required) | 14 ( 2.19) | NA |
|  | Referred to: Hospital - Emergency Department | 53 ( 8.28) | NA |
|  | Referred to: Long Term Acute Care | 1 ( 0.16) | NA |
|  | Referred to: Medical Office / Clinic | 2 ( 0.31) | NA |
|  | Specialty Care Transport (SCT) | NA | 1 ( 0.10) |
|  | Transferred Care To Other Unit | 1 ( 0.16) | NA |
|  | Transported - Patient Treated, Transported by this EMS Unit | NA | 991 (99.20) |
|  | Transported - w/AMA (pt refused care and or evaluation) | NA | 3 ( 0.30) |
|  | Transported by EMS | NA | 1 ( 0.10) |
|  | Transported Flight Crew Only | 1 ( 0.16) | NA |
|  | Treated and Transferred Care | 1 ( 0.16) | NA |
|  | NA | 3 ( 0.47) | NA |