Kathleen E. Toomey, M.D., M.P.H., Commissioner Brian Kemp, Governor

2 Peachtree Street, NW, 15th Floor Atlanta, Georgia 30303-3142
dph.ga.gov

## Data Source: Georgia Trauma Registry Data

Data Analysis is based on the V5 csv data from the central site downloaded on 2021 Oct $1^{\text {st }}$.

Inclusion Criteria 1: Hospital Arrival Year 2021, Apr to Jun.
Inclusion Criteria 2: Data from both Designated and Non-designated Trauma Centers.

## Data Requested:

1. Frequency of patients with an ISS $>15$ not cared for in level 1 or 2 trauma centers (Tables 1 A 1 C , Figures $1 \mathrm{~B}-1 \mathrm{C}$ ).
2. Two major groups based on where patients came from (Table 2).

S Group: patients directly came from 'Scene'.
R Group: patients came from 'Referral Hospital'.
3. For patients directly came from 'Scene', S Group, Mean and Median Time by destination hospital level (Table 3A-3D).
A: Time from EMS Dispatch to Scene Arrival for patients with an ISS all, ISS <=15, and ISS>15.
B: Time from Scene Arrival to Scene Left for patients with an ISS all, ISS $<=15$, and ISS>15.
C: Time from Scene Left to Hospital ED Arrival for patients with an ISS all, ISS <=15, and ISS>15.
D: Time from EMS Dispatch to Hospital ED Arrival for patients with an ISS all, ISS $<=15$, and ISS>15.
4. For patients came from 'Referral Hospital', R Group, Mean and Median Time by destination hospital level (Table 4A-4E).
A: Time from EMS Dispatch to Scene Arrival for patients with an ISS all, ISS <=15, and ISS>15.
B: Time from Scene Arrival to Scene Left for patients with ISS all, an ISS <=15, and ISS>15.
C: Time from Scene Left to Referral Hospital Arrival for patients with an ISS all, ISS <=15, and ISS>15.
D: Time from Referral Hospital Arrival to Destination Hospital ED Arrival for patients with an ISS all, ISS <=15, and ISS>15.
E: Time from EMS Dispatch to Destination Hospital ED Arrival for patients with an ISS all, ISS $<=15$, and ISS>15.

Data Reported by Danlin Luo, Trauma Epidemiologist. Contact Email: danlin.luo@dph.ga.gov Date of Report: Nov. 8, 2021.

All Rights Reserved by Office of EMS and Trauma, Georgia Department of Public Health.

## 1. Frequency of Patients with an ISS $\mathbf{> 1 5}$ Not Cared for in Level $\mathbf{1}$ or $\mathbf{2}$ Trauma Center

Table 1A shows the frequency and percent of patients by the treating facility level. The level in this report is the Trauma Designated Level of Destination Hospital. The number of total cases during 2021 Apr to Jun is 10,763 . Most Trauma patients (83.1\%) have an ISS<=15. Patients with an ISS>15 treated by a Level 3, 4, and NA (Non-designated facility) totally account for $8.6 \%$ and are marked by yellow.

Table 1A

| Frequency of Patients by Hospital Level |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Level | ISS<=15 | ISS>15 | Total | Percent |
| 1 | 4,471 | 1,096 | 5,567 | 51.7 |
| 2 | 3,183 | 568 | 3,751 | 34.9 |
| 3 | 773 | 89 | 862 | 8.0 |
| 4 | 90 | 22 | 112 | 1.0 |
| NA | 425 | 46 | 471 | 4.4 |
| Total | 8,942 | 1,821 | 10,763 | 100.0 |
| Percent | 83.1 | 16.9 | 100.0 |  |

Table 1B

| Frequency of Patients with an ISS> $\mathbf{1 5}$ by Hospital Level |  |  |  |  |
| :--- | ---: | ---: | :---: | :---: |
| Level |  | ISS $>$ 15 |  | Percent |
| 1 | 1,096 | 60.2 |  |  |
| 2 | 568 | 31.2 |  |  |
| 3 | 89 | 4.9 |  |  |
| 4 | 22 | 1.2 |  |  |
| NA | 46 | 2.5 |  |  |
| Total | 1,821 | 100.0 |  |  |

Figure 1B1
ISS > 15, Frequency by Hospital Level


Figure 1B2
ISS $>15$, Percent by Hospital Level


- Level 1
- Level 2
- Level 3
- Level 4
- Level NA

Table 1C
Frequency of Patients with an ISS> 15 by Group of Hospital Level

| Frequency | ISS>15 | Percent |
| :--- | ---: | ---: |
| Level 1 \& 2 | 1,664 | 91.4 |
| Level 3 \& 4 | 111 | 6.1 |
| Level NA | 46 | 2.5 |
| Total | 1,821 | 100.0 |

Figure 1C1


Figure 1C2

# ISS > 15, Frequency by Hospital Group 



## 2. Where Patients Came from

Table 2

| Frequency of Patients by Where Patients Came from |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Frequency | ISS<=15 | ISS>15 | Total | Percent |
| Scene | 5,838 | 1,314 | 7,152 | 66.6 |
| Referring Hospital | 2,027 | 360 | 2,387 | 22.2 |
| Home | 663 | 62 | 725 | 6.7 |
| Unknown | 190 | 61 | 251 | 2.3 |
| Other | 205 | 20 | 225 | 2.1 |
| Not Applicable | 3 | 0 | 3 | 0.0 |
| Total | 8,926 | 1,817 | 10,743 | 100.0 |

Frequency missing=20.

There are 7,152 cases ( $66.6 \%$ ) arrived from 'Scene', which is the original data source for $\mathbf{S}$ Group.
There are 2,387 cases (22.2\%) arrived from 'Referring Hospital', which is the original data source for $\mathbf{R}$ Group.

## 3. For Patients Came from 'Scene': S Group

There are 7,152 cases arrived from 'Scene'.
Among these 7,152 cases, 6,318 cases were linked with a Prehospital Provider data.
Among these 6,318 cases, 5,887 cases have EMS provider's role as 'Transport from Scene to Facility'. These 5,887 cases are the data source of $\mathbf{S}$ Group.

## 3A. Time from EMS Dispatch to Scene Arrival

Among these 5,887 cases, 5,446 cases (92.5\%) have valid values in the four fields: Dispatch Date, Dispatch Time, Scene Arrival Date, and Scene Arrival Time.
Among these 5,887 cases, $7.5 \%$ of the cases have missing data in at least one of the four fields.
The data with these $\mathbf{5 , 4 4 6}$ cases is used to calculate the mean and median time from EMS Dispatch to Scene Arrival.

Table 3A1

| S Group, ISS All, Mean and Median Time from EMS Dispatch to Scene Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 2,800 | $0: 12: 53$ | $0: 10: 00$ |
| 2 | 1,907 | $0: 09: 34$ | $0: 09: 00$ |
| 3 | 461 | $0: 10: 00$ | $0: 09: 00$ |
| 4 | 33 | $0: 10: 53$ | $0: 11: 00$ |
| NA | 245 | $0: 10: 00$ | $0: 09: 00$ |
| Total | 5,446 | $0: 11: 20$ | $0: 09: 00$ |

Note: Time Format: HH:MM:SS (all the following tables have the same Time Format).

Table 3A2

| S Group, ISS $<=$ 15, Mean and Median Time from EMS Dispatch to Scene Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 2,183 | $0: 13: 05$ | $0: 10: 00$ |
| 2 | 1,572 | $0: 09: 39$ | $0: 09: 00$ |
| 3 | 405 | $0: 10: 02$ | $0: 09: 00$ |
| 4 | 25 | $0: 11: 10$ | $0: 11: 00$ |
| NA | 212 | $0: 10: 19$ | $0: 09: 00$ |
| Total | 4,397 | $0: 11: 26$ | $0: 09: 00$ |

Table 3A3

| S Group, ISS > 15, Mean and Median Time from EMS Dispatch to Scene Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 617 | $0: 12: 12$ | $0: 10: 00$ |
| 2 | 335 | $0: 09: 08$ | $0: 09: 00$ |
| 3 | 56 | $0: 09: 50$ | $0: 08: 00$ |
| 4 | 8 | $0: 10: 00$ | $0: 09: 00$ |
| NA | 33 | $0: 08: 04$ | $0: 06: 00$ |
| Total | 1,049 | $0: 10: 57$ | $0: 09: 00$ |

3B. Time from Scene Arrival to Scene Left

Among these 5,887 cases, 5,414 cases (92.0\%) have valid values in the four fields: Scene Arrival Date, Scene Arrival Time, Scene Left Date, and Scene Left Time.
Among these 5,887 cases, $\mathbf{8 . 0 \%}$ of the cases have missing data in at least one of the four fields.
The data with these $\mathbf{5 , 4 1 4}$ cases is used to calculate the mean and median time from Scene Arrival to Scene Left.

Table 3B1
S Group, ISS All, Mean and Median Time from Scene Arrival to Scene Left

| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| :--- | ---: | ---: | ---: |
| 1 | 2,772 | $0: 20: 14$ | $0: 19: 00$ |
| 2 | 1,904 | $0: 17: 56$ | $0: 16: 00$ |
| 3 | 459 | $0: 19: 48$ | $0: 19: 00$ |
| 4 | 33 | $0: 22: 36$ | $0: 19: 00$ |
| NA | 246 | $0: 20: 30$ | $0: 19: 00$ |
| Total | 5,414 | $0: 19: 25$ | $0: 18: 00$ |

Table 3B2

| S Group, ISS <= 15, Mean and Median Time from Scene Arrival to Scene Left |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 2,161 | $0: 20: 47$ | $0: 19: 00$ |
| 2 | 1,569 | $0: 18: 12$ | $0: 16: 00$ |
| 3 | 404 | $0: 19: 59$ | $0: 19: 00$ |
| 4 | 25 | $0: 20: 29$ | $0: 19: 00$ |
| NA | 213 | $0: 20: 25$ | $0: 19: 00$ |
| Total | 4,372 | $0: 19: 46$ | $0: 18: 00$ |

Table 3B3

| S Group, ISS > 15, Mean and Median Time from Scene Arrival to Scene Left |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 611 | $0: 18: 19$ | $0: 16: 00$ |
| 2 | 335 | $0: 16: 40$ | $0: 15: 00$ |
| 3 | 55 | $0: 18: 35$ | $0: 17: 00$ |
| 4 | 8 | $0: 29: 15$ | $0: 23: 30$ |
| NA | 33 | $0: 21: 02$ | $0: 18: 00$ |
| Total | 1,042 | $0: 17: 58$ | $0: 16: 00$ |

## 3C. Time from Scene Left to Hospital ED Arrival

Among these 5,887 cases, 5,414 cases (92.0\%) have valid values in the four fields: Scene Left Date, Scene Left Time, ED Arrival Date, and ED Arrival Time.
Among these 5,887 cases, $\mathbf{8 . 0 \%}$ of the cases have missing data in at least one of the four fields.
The data with these $\mathbf{5 , 4 1 4}$ cases is used to calculate the mean and median time from Scene Left to Hospital ED Arrival.

Table 3C1

| S Group, ISS All, Mean and Median Time from Scene Left to Hospital ED Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 2,772 | $0: 50: 02$ | $0: 25: 00$ |
| 2 | 1,904 | $0: 49: 23$ | $0: 25: 00$ |
| 3 | 459 | $1: 06: 31$ | $0: 24: 00$ |
| 4 | 33 | $0: 17: 05$ | $0: 17: 00$ |
| NA | 246 | $2: 08: 16$ | $0: 20: 00$ |
| Total | 5,414 | $0: 54: 33$ | $0: 24: 00$ |

Table 3C2

| S Group, ISS <= 15, Mean and Median Time from Scene Left to Hospital ED Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 2,161 | $0: 54: 36$ | $0: 25: 00$ |
| 2 | 1,569 | $0: 52: 44$ | $0: 25: 00$ |
| 3 | 404 | $1: 11: 47$ | $0: 25: 00$ |
| 4 | 25 | $0: 18: 14$ | $0: 18: 00$ |
| NA | 213 | $2: 25: 28$ | $0: 21: 00$ |
| Total | 4,372 | $0: 59: 44$ | $0: 25: 00$ |

Table 3C3

| S Group, ISS > 15, Mean and Median Time from Scene Left to Hospital ED Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 611 | $0: 33: 51$ | $0: 22: 00$ |
| 2 | 335 | $0: 33: 39$ | $0: 22: 00$ |
| 3 | 55 | $0: 27: 51$ | $0: 20: 00$ |
| 4 | 8 | $0: 13: 30$ | $0: 10: 00$ |
| NA | 33 | $0: 17: 15$ | $0: 13: 00$ |
| Total | 1,042 | $0: 32: 48$ | $0: 22: 00$ |

## 3D. Time from EMS Dispatch to Hospital ED Arrival

Among these 5,887 cases, 5,451 cases ( $92.6 \%$ ) have valid values in the four fields: EMS Dispatch Date, EMS Dispatch Time, ED Arrival Date, and ED Arrival Time.
Among these 5,887 cases, $7.4 \%$ of the cases have missing data in at least one of the four fields.
The data with these $\mathbf{5 , 4 5 1}$ cases is used to calculate the mean and median time from EMS Dispatch to Hospital ED Arrival.

Table 3D1

| S Group, ISS All, Mean and Median Time from EMS Dispatch to Hospital ED Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 2,803 | $1: 22: 40$ | $0: 57: 00$ |
| 2 | 1,908 | $1: 16: 47$ | $0: 52: 00$ |
| 3 | 461 | $1: 36: 11$ | $0: 55: 00$ |
| 4 | 33 | $0: 50: 35$ | $0: 53: 00$ |
| NA | 246 | $2: 38: 26$ | $0: 51: 00$ |
| Total | 5,451 | $1: 24: 59$ | $0: 55: 00$ |

Table 3D2

| S Group, ISS <= 15, Mean and Median Time from EMS Dispatch to Hospital ED Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 2,186 | $1: 27: 54$ | $0: 58: 00$ |
| 2 | 1,573 | $1: 20: 29$ | $0: 53: 00$ |
| 3 | 405 | $1: 41: 42$ | $0: 55: 00$ |
| 4 | 25 | $0: 49: 53$ | $0: 52: 00$ |
| NA | 213 | $2: 55: 48$ | $0: 51: 00$ |
| Total | 4,402 | $1: 30: 33$ | $0: 56: 00$ |

Table 3D3

| S Group, ISS > 15, Mean and Median Time from EMS Dispatch to Hospital ED Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 617 | $1: 04: 09$ | $0: 53: 00$ |
| 2 | 335 | $0: 59: 27$ | $0: 48: 00$ |
| 3 | 56 | $0: 56: 18$ | $0: 51: 00$ |
| 4 | 8 | $0: 52: 45$ | $0: 59: 30$ |
| NA | 33 | $0: 46: 20$ | $0: 44: 00$ |
| Total | 1,049 | $1: 01: 35$ | $0: 50: 00$ |

## 4. For Patients Came from Referral Hospital: R Group

There are 2,387 cases arrived from 'Referring Hospital'.
Among these 2,387 cases, 2,381 cases were linked with a Referral data
Among these 2,381 cases, 1,253 cases were linked with a Prehospital Provider data.
Among these 1,253 cases, 899 cases have EMS provider's role as 'Transport from Scene to Facility'. These 899 cases are used for analysis for R Group times.

## 4A. Time from EMS Dispatch to Scene Arrival

Among these 899 cases, 371 cases ( $41.3 \%$ ) have valid values in the four fields: Dispatch Date, Dispatch Time, Scene Arrival Date, and Scene Arrival Time.
Among these 899 cases, $\mathbf{5 8 . 7 \%}$ of the cases have missing data in at least one of the four fields.
The data with these 371 cases is used to calculate the mean and median time from EMS Dispatch to Scene Arrival.

Table 4A1
R Group, ISS All, Mean and Median Time from EMS Dispatch to Scene Arrival.

| Hospital Level |  | Frequency | Mean Total Time |
| :--- | ---: | ---: | ---: |
| Median Total Time |  |  |  |
| 1 | 288 | $0: 10: 44$ | $0: 09: 00$ |
| 2 | 82 | $0: 10: 10$ | $0: 09: 30$ |
| 3 | 1 | $0: 18: 00$ | $0: 18: 00$ |
| Total | 371 | $0: 10: 37$ | $0: 09: 00$ |

Table 4A2
R Group, ISS $<=$ 15, Mean and Median Time from EMS Dispatch to Scene Arrival

| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| :--- | ---: | ---: | ---: |
| 1 | 223 | $0: 10: 35$ | $0: 09: 00$ |
| 2 | 59 | $0: 09: 03$ | $0: 09: 00$ |
| 3 | 1 | $0: 18: 00$ | $0: 18: 00$ |
| Total | 283 | $0: 10: 17$ | $0: 09: 00$ |

Table 4A3

| R Group, ISS > 15, Mean and Median Time from EMS Dispatch to Scene Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 65 | $0: 11: 15$ | $0: 09: 00$ |
| 2 | 23 | $0: 13: 00$ | $0: 13: 00$ |
| Total | 88 | $0: 11: 42$ | $0: 10: 00$ |

4B. Time from Scene Arrival to Scene Left
Among these 899 cases, 363 cases ( $40.4 \%$ ) have valid values in the four fields: Scene Arrival Date, Scene Arrival Time, Scene Left Date, and Scene Left Time.
Among these 899 cases, $\mathbf{5 9 . 6 \%}$ of the cases have missing data in at least one of the four fields.
The data with these $\mathbf{3 6 3}$ cases is used to calculate the mean and median time from Scene Arrival to Scene Left.

Table 4B1

| R Group, ISS All, Mean and Median Time from Scene Arrival to Scene Left |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 284 | $0: 19: 08$ | $0: 17: 00$ |
| 2 | 78 | $0: 19: 20$ | $0: 18: 00$ |
| 3 | 1 | $0: 02: 00$ | $0: 02: 00$ |
| Total | 363 | $0: 19: 08$ | $0: 17: 00$ |

Table 4B2

| R Group, ISS <=15, Mean and Median Time from Scene Arrival to Scene Left |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 221 | $0: 19: 27$ | $0: 18: 00$ |
| 2 | 56 | $0: 19: 12$ | $0: 16: 30$ |
| 3 | 1 | $0: 02: 00$ | $0: 02: 00$ |
| Total | 278 | $0: 19: 20$ | $0: 18: 00$ |

Table 4B3

| R Group, ISS > 15, Mean and Median Time from Scene Arrival to Scene Left |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 63 | $0: 18: 04$ | $0: 16: 00$ |
| 2 | 22 | $0: 19: 41$ | $0: 18: 00$ |
| Total | 85 | $0: 18: 29$ | $0: 17: 00$ |

## 4C. Time from Scene Left to Referral Hospital Arrival

Among these 899 cases, 319 cases ( $35.5 \%$ ) have valid values in the four fields: Scene Left Date, and Scene Left Time, Referral Hospital Arrival Date, and Referral Hospital Arrival Time.
Among these 899 cases, $\mathbf{6 4 . 5 \%}$ of the cases have missing data in at least one of the four fields.
The data with these 319 cases is used to calculate the mean and median time from Scene Left to Referral Hospital Arrival.

Table 4C1

| R Group, ISS All, Mean and Median Time from Scene Left to Referral Hospital Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 265 | $0: 27: 16$ | $0: 17: 00$ |
| 2 | 53 | $0: 36: 23$ | $0: 21: 00$ |
| 3 | 1 | $0: 20: 00$ | $0: 20: 00$ |
| Total | 319 | $0: 28: 45$ | $0: 17: 00$ |

Table 4C2

| R Group, ISS <=15, Mean and Median Time from Scene Left to Referral Hospital Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 212 | $0: 28: 39$ | $0: 17: 00$ |
| 2 | 37 | $0: 41: 23$ | $0: 21: 00$ |
| 3 | 1 | $0: 20: 00$ | $0: 20: 00$ |
| Total | 250 | $0: 30: 30$ | $0: 18: 00$ |

Table 4C3

| R Group, ISS > 15, Mean and Median Time from Scene Left to Referral Hospital Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 53 | $0: 21: 44$ | $0: 13: 00$ |
| 2 | 16 | $0: 24: 49$ | $0: 22: 00$ |
| Total | 69 | $0: 22: 27$ | $0: 17: 00$ |

## 4D. Time from Referral Hospital Arrival to Destination Hospital ED Arrival

Among these 899 cases, 679 cases ( $75.5 \%$ ) have valid values in the four fields: Referral Hospital Arrival Date, Referral Hospital Arrival Time, Destination Hospital ED arrival Date, and Destination Hospital ED arrival Time.
Among these 899 cases, $\mathbf{2 4 . 5 \%}$ of the cases have missing data in at least one of the four fields.
The data with these 679 cases is used to calculate the mean and median time from Referral Hospital Arrival to Destination Hospital ED Arrival.

Table 4D1

| R Group, ISS All, Mean and Median Time |  |  |  |
| :--- | ---: | ---: | ---: |
| from Referral Hospital Arrival to Destination Hospital ED Arrival |  |  |  |
| Hospital Level |  | Frequency | Mean Total Time |
| Median Total Time |  |  |  |
| 1 | 537 | $6: 06: 52$ | $5: 02: 00$ |
| 2 | 140 | $6: 26: 22$ | $5: 11: 30$ |
| 3 | 2 | $5: 36: 00$ | $5: 36: 00$ |
| Total | 679 | $6: 10: 48$ | $5: 03: 00$ |

Table 4D2

| R Group, ISS $<=15$, Mean and Median Time <br> from Referral Hospital Arrival to Destination Hospital ED Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level |  | Frequency | Mean Total Time |
| 1 | 420 | Median Total Time |  |
| 2 | 111 | $6: 30: 15$ | $5: 12: 30$ |
| 3 | 2 | $7: 05: 30$ | $5: 28: 00$ |
| Total | 533 | $5: 36: 00$ | $5: 36: 00$ |

Table 4D3

| R Group, ISS > 15, Mean and Median Time     <br> from Referral Hospital Arrival to Destination Hospital ED Arrival     <br> Hospital Level  Frequency Mean Total Time Median Total Time <br> 1    $\quad 117$ |  |  |  |
| :--- | ---: | ---: | ---: |

## 4E. Time from EMS Dispatch to Destination Hospital ED Arrival

Among these 899 cases, 374 cases (41.6\%) have valid values in the four fields: EMS Dispatch Date, EMS Dispatch Time, Destination Hospital ED arrival Date, and Destination Hospital ED arrival Time. Among these 899 cases, $\mathbf{5 8 . 4 \%}$ of the cases have missing data in at least one of the four fields. The data with these 374 cases is used to calculate the mean and median time from EMS Dispatch to Destination Hospital ED Arrival.

Table 4E1

| R Group, ISS All, Mean and Median Time <br> from EMS Dispatch to Destination Hospital ED Arrival |  |  |  |
| :--- | ---: | ---: | ---: |
| Hospital Level |  | Frequency | Mean Total Time |
| 1 | 291 | Median Total Time |  |
| 2 | 82 | $6: 45: 30$ | $5: 56: 00$ |
| 3 | 1 | $7: 04: 01$ | $5: 28: 00$ |
| Total | 374 | $5: 40: 00$ | $5: 40: 00$ |

Table 4E2

| R Group, ISS <= 15, Mean and Median Time from EMS Dispatch to Destination Hospital ED Arrival |  |  |  |
| :---: | :---: | :---: | :---: |
| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| 1 | 226 | 6:50:32 | 6:15:00 |
| 2 | 59 | 8:07:12 | 5:52:00 |
| 3 | 1 | 5:40:00 | 5:40:00 |
| Total | 286 | 7:06:06 | 6:14:00 |

Table 4E3

## R Group, ISS > 15, Mean and Median Time <br> from EMS Dispatch to Destination Hospital ED Arrival

| Hospital Level | Frequency | Mean Total Time | Median Total Time |
| :--- | ---: | ---: | ---: |
| 1 | 65 | $6: 28: 02$ | $5: 24: 00$ |
| 2 | 23 | $4: 21: 57$ | $4: 56: 00$ |
| Total | 88 | $5: 55: 05$ | $5: 09: 00$ |

