

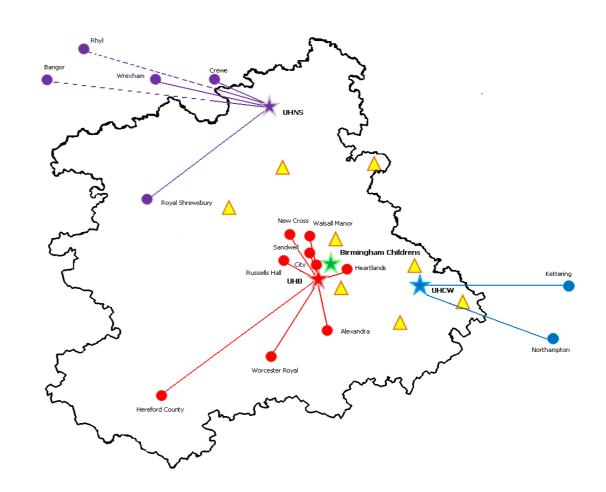
West Midlands Ambulance Service NHS Foundation Trust

West Midlands Ambulance Service Major Trauma Report 2015/16

June-15

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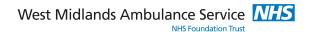
Please note: (please refer to individual page notes where applicable)



^{1:} Information correct on 3rd July 2015

^{* -} Year to date figures are provided for these reports





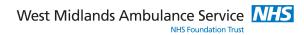
Deceased patients and cases where crew discretion has triggered the tool will appear in the total figures but not within one of the Steps 1 – 4.

| Total Triage Tool Triggers (n=254) |
|---------------------------------------|
| |

| Vital Signs (n=44) 17.3% | |
|--------------------------------|--|
| Vital Signs (n=63) 24.8% | |
| Vital Signs (n=86) 33.9% | |
| Vital Signs (n=38) 15.0% | |

| Trauma Injury Type | Count |
|---------------------------|-------|
| Falls | 51 |
| RTC | 127 |
| Stabbing | 37 |
| Leisure Activity | 6 |
| Assault | 10 |
| Other Transport Collision | 3 |
| Other | 6 |
| Burns | 6 |
| Agricultural Accident | 2 |
| Industrial Injury | 3 |
| Unknown | 3 |
| Total: | 254 |





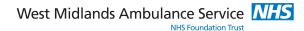
Step 1 Vital Signs (n=44) Respiratory Rate <10 or >29 / min (n=6) 13.6%

Systolic Blood Pressure <90 mmHg (n=4) 9.1%

> Glasgow Coma Scale <14 (n=34) 77.3%

| Trauma Injury Type | Count |
|--------------------|-------|
| Falls | 11 |
| RTC | 18 |
| Assault | 5 |
| Leisure Activity | 1 |
| Stabbing | 5 |
| Other | 2 |
| Burns | 1 |
| Unknown | 1 |
| Total: | 44 |





Step 2
Anatomy of Injury
(n=63)

Penetrating to Neck/ Chest/ Abdomen (n=33) 52.4%

Suspected Fractured Pelvis (n=16) 25.4%

2 or more Long Bone Fractures (n=6) 9.5%

Crushed/ De-gloved /Mangled Extremity (n=1) 1.6%

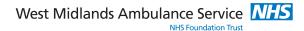
Amputation Proximal to Wrist/Ankle (n=2) 3.2%

Open or Depressed Skull Fracture (n=2) 3.2%

Sensory or Motor Deficit (now onset) (n=3) 4.8%

| Trauma Injury Type | Count |
|---------------------------|-------|
| RTC | 10 |
| Falls | 8 |
| Stabbing | 31 |
| Leisure Activity | 4 |
| Other | 2 |
| Assault | 3 |
| Industrial Injury | 2 |
| Unknown | 1 |
| Other Transport Collision | 1 |
| Agricultural Accident | 1 |
| Total: | 63 |





Step 3
Mechanism of Injury
(n=86)

| Fall > 6m / 2 storeys in Adult |
|--------------------------------|
| (n=3) |
| 3.5% |

Fall > 3m / 2x height of Child (n=4) 4.7%

Vehicle - Ejection (partial or complete) (n=0) 0.0%

Vehicle - Intrusion >30cm at Patient Site (n=7) 8.1%

Vehicle - Death in same Compartment (n=2) 2.3%

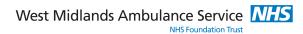
Motorcycle Crash > 20 mph (n=32) 37.2%

Pedestrian / Bicyclist vs Motor Vehicle thrown/run over/ significant Impact (n=30) 34.9%

Entrapment (n=8) 9.3%

| Trauma Injury Type | Count |
|--------------------|-------|
| RTC | 77 |
| Leisure Activity | 1 |
| Falls | 6 |
| Unknown | 1 |
| Industrial Injury | 1 |
| Total: | 86 |





Step 4
Special Conditions
(n=38)

| Age> 55 (n=25) 65.8% |
|--|
| Children < 8 years old (n=6) 15.8% |
| Pregnancy > 20 weeks (n=0) 0.0% |
| Renal Dialysis Patients (n=0) 0.0% |
| Bleeding Disorders / Anticoagulants (n=1) 2.6% |
| Time Critial Extremity Injury (n=0) 0.0% |
| Burns: Circumferential or 20% (BSA) (n=5) 13.2% |
| Specialist Trauma Pathway |

(n=1) 2.6%

| Trauma Injury Type | Count |
|--------------------|-------|
| Falls | 22 |
| RTC | 9 |
| Burns | 5 |
| Stabbing | 1 |
| Assault | 1 |
| Total: | 38 |



West Midlands Ambulance Service

Major Trauma Network Year to Date Summary From 01/04/2015 to 30/06/2015

Deceased patients and cases where crew discretion has triggered the tool will appear in the total figures but not within one of the Steps 1 - 4

| Total Triggers | |
|--|-----|
| Step 1: Vital Signs | 133 |
| Step 2: Anatomy of Injury | 159 |
| Step 3: Mechanism of Injury | 223 |
| Step 4: Special Conditions | 102 |
| Crew Discretion | 12 |
| Injuries Incompatible With Life – Deceased | 47 |
| Total | 676 |

| Trauma Type | |
|---------------------------|-----|
| RTC | 326 |
| Falls | 166 |
| Stabbing | 77 |
| Burns | 22 |
| Leisure Activity | 17 |
| Assault | 17 |
| Other | 15 |
| Industrial Injury | 11 |
| Other Transport Collision | 11 |
| Unknown | 8 |
| Agricultural Accident | 4 |
| Shooting | 2 |
| Total | 676 |

| Step 1 Breakdown | |
|-----------------------------------|-----|
| Glasgow Coma Scale <14 | 97 |
| Respiratory Rate <10 or >29 / min | 21 |
| Systolic Blood Pressure <90 mmHg | 15 |
| Total | 133 |

| 4 3 |
|--------|
| 4 |
| |
| 7 |
| 11 |
| 19 |
| 17 |
| 8 |
| |
| |

| | Step 3 Breakdown | |
|---|---|-----|
| | Pedestrian / Bicyclist vs Motor Vehicle thrown/run over/ significant Impact | 79 |
| | Motorcycle Crash > 20 mph | 61 |
| | Vehicle - Intrusion >30cm at Patient Site | 27 |
| | Fall > 6m / 2 storeys in Adult | 19 |
| | Fall > 3m / 2x height of Child | 16 |
| | Entrapment | 15 |
| | Vehicle - Ejection (partial or complete) | 4 |
| 9 | Vehicle - Death in same Compartment | 2 |
| | Total | 223 |

| Step 4 Breakdown | |
|-------------------------------------|-----|
| Age> 55 | 67 |
| Burns: Circumferential or 20% (BSA) | 15 |
| Children < 8 years old | 12 |
| Specialist Trauma Pathway | 4 |
| Bleeding Disorders / Anticoagulants | 3 |
| Time Critial Extremity Injury | 1 |
| Total | 102 |

| Step 1 - Trauma Type | |
|---------------------------|-----|
| RTC | 52 |
| Falls | 43 |
| Assault | 9 |
| Stabbing | 7 |
| Other | 6 |
| Industrial Injury | 6 |
| Unknown | 4 |
| Leisure Activity | 2 |
| Burns | 2 |
| Shooting | 1 |
| Other Transport Collision | 1 |
| Total | 133 |

| Step 2 - Trauma Type | |
|---------------------------|-----|
| Stabbing | 63 |
| RTC | 40 |
| Falls | 27 |
| Leisure Activity | 9 |
| Assault | 6 |
| Other | 4 |
| Other Transport Collision | 3 |
| Industrial Injury | 3 |
| Unknown | 2 |
| Agricultural Accident | 2 |
| Total | 159 |

| Step 3 - Trauma Type | Step 4 - Trauma Type | | |
|---------------------------|----------------------|-----------------------|-----|
| RTC | 184 | Falls | 55 |
| Falls | 33 | RTC | 18 |
| Leisure Activity | 2 | Burns | 18 |
| Stabbing | 1 | Other | 3 |
| Other Transport Collision | 1 | Leisure Activity | 2 |
| Unknown | 1 | Stabbing | 2 |
| Industrial Injury | 1 | Unknown | 1 |
| Total | 223 | Industrial Injury | 1 |
| | | Agricultural Accident | 1 |
| | | Assault | 1 |
| | | Total | 102 |

This data does not include cases where the crews are not contacting the Regional Trauma Desk, any trauma transfers or cases which are responded to by out of area resources.



| | | | | | No. of Patie Specialist | nts Seen by Resources | | | Patient 1 | Initally Tra | ansported | | | Major 1 Cei | Trauma ntre | |
|------------|----------------------------|---------------------|---|---------|----------------------------|-----------------------------------|-----------------------------------|-----|----------------|--------------|----------------|--------------------|-----|----------------|----------------|------|
| Date | No. of Tool Activations | Non- Conveyances | Cases That By Passed Their Nearest Hospital | Air Amb | Day Air Amb / ECT / MERIT | Night Air Amb / ECT / MERIT | Voluntary BASICS / MARS etc | MTC | Trauma Unit | LEH | Out of Area | Not Transported | UHB | ВСН | RSUH | UHCW |
| 01/06/2015 | 10 | 0 | 1 | | 1 | 1 | 1 | 4 | 5 | 1 | | | 1 | | 1 | 2 |
| 02/06/2015 | 14 | 2 | 5 | 3 | 3 | | 6 | 9 | 3 | | | 2 | 4 | 1 | 3 | 1 |
| 03/06/2015 | 9 | 0 | 2 | | | 1 | | 4 | 5 | | | | 2 | | 1 | 1 |
| 04/06/2015 | 5 | 0 | 4 | | | | | 4 | 1 | | | | 2 | | 1 | 1 |
| 05/06/2015 | 7 | 3 | 3 | 3 | | 2 | | 3 | 1 | | | 3 | 2 | | | 1 |
| 06/06/2015 | 8 | 0 | 3 | | 1 | 2 | 1 | 3 | 5 | | | | 1 | 1 | | 1 |
| 07/06/2015 | 15 | 0 | 7 | 4 | 1 | | 1 | 8 | 7 | | | | 3 | 1 | 2 | 2 |
| 08/06/2015 | 6 | 0 | 3 | 1 | 1 | | | 5 | 1 | | | | 2 | | 3 | |
| 09/06/2015 | 6 | 0 | 2 | | | | | 2 | 4 | | | | | | 1 | 1 |
| 10/06/2015 | 7 | 1 | 3 | | | 2 | | 4 | 2 | | | 1 | 3 | | 1 | |
| 11/06/2015 | 8 | 2 | 3 | 1 | 1 | 2 | | 4 | 2 | | | 2 | 2 | | 1 | 1 |
| 12/06/2015 | 6 | 1 | 2 | | 1 | 3 | 2 | 4 | 1 | | | 1 | | 2 | 2 | |
| 13/06/2015 | 7 | 0 | 3 | | 1 | 1 | | 4 | 3 | | | | 3 | | | 1 |
| 14/06/2015 | 10 | 0 | 6 | 3 | 2 | | | 4 | 5 | | 1 | | 2 | 1 | | 1 |
| 15/06/2015 | 6 | 0 | 4 | 1 | | 1 | | 3 | 3 | | | | 1 | 2 | | |
| 16/06/2015 | 9 | 1 | 6 | 1 | 2 | | 1 | 6 | 2 | | | 1 | 4 | | | 2 |
| 17/06/2015 | 3 | 0 | 2 | 2 | | | | 2 | 1 | | | | 2 | | | |
| 18/06/2015 | 5 | 0 | 4 | | 1 | 2 | | 5 | | | | | 3 | 1 | 1 | |
| 19/06/2015 | 11 | 0 | 4 | 3 | | 2 | | 6 | 5 | | | | 2 | 1 | 1 | 2 |
| 20/06/2015 | 17 | 3 | 8 | | 1 | 6 | 8 | 12 | 2 | | | 3 | 6 | 2 | 1 | 3 |
| 21/06/2015 | 10 | 0 | 9 | 6 | 6 | | 1 | 9 | 1 | | | | 3 | 3 | 1 | 2 |
| 22/06/2015 | 6 | 1 | 3 | 2 | 2 | | 3 | 4 | 1 | | | 1 | 3 | | 1 | |
| 23/06/2015 | 9 | 0 | 3 | 1 | | 2 | | 4 | 5 | | | | 2 | | 1 | 1 |
| 24/06/2015 | 10 | 1 | 4 | 1 | 3 | | | 3 | 6 | | | 1 | | 2 | 1 | |
| 25/06/2015 | 7 | 2 | 2 | | 1 | 1 | | 3 | 2 | | | 2 | 2 | | 1 | |
| 26/06/2015 | 8 | 0 | 4 | 1 | 1 | 2 | | 4 | 4 | | | | 4 | | | |
| 27/06/2015 | 13 | 2 | 5 | 4 | 3 | | 1 | 7 | 4 | | | 2 | | 2 | 3 | 2 |
| 28/06/2015 | 8 | 0 | 6 | 1 | | 1 | 2 | 8 | | | | | 2 | 1 | 4 | 1 |
| 29/06/2015 | 5 | 0 | 5 | | | 1 | | 4 | 1 | | | | 3 | | 1 | |
| 30/06/2015 | 9 | 1 | 5 | 1 | | 3 | | 6 | 2 | | | 1 | 3 | 1 | 1 | 1 |
| Total | 254 | 20 | 121 | 39 | 32 | 35 | 27 | 148 | 84 | 1 | 1 | 20 | 67 | 21 | 33 | 27 |

This data does not include cases where the crews are not contacting the Regional Trauma Desk, any trauma transfers or cases which are responded to by out of area resources. Report Ref: 184

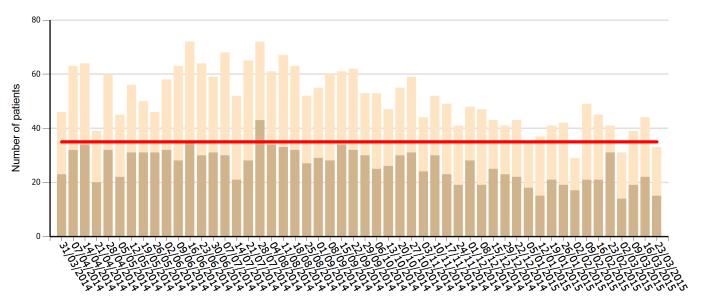


| A | В | С | D | E |
|----------------------|---------------------------------------|---------------------|--|--|
| Week Commencing | No. of triage tool +ve patients | Non- Conveyances | Total no. of cases within Column B that were that MTCs natural DGH catchment (therefore not new activity shifts) | Additional triage tool +ve patients that transferred within their major trauma catchment population (i.e. that bypassed their nearest hospitals) |
| 30/03/2015 | 30 | 3 | 15 | 12 |
| 06/04/2015 | 45 | 2 | 24 | 19 |
| 13/04/2015 | 49 | 3 | 23 | 23 |
| 20/04/2015 | 53 | 3 | 19 | 31 |
| 27/04/2015 | 46 | 6 | 17 | 23 |
| 04/05/2015 | 32 | 2 | 13 | 17 |
| 11/05/2015 | 56 | 4 | 22 | 30 |
| 18/05/2015 | 56 | 2 | 25 | 29 |
| 25/05/2015 | 55 | 3 | 21 | 31 |
| 01/06/2015 | 68 | 5 | 38 | 25 |
| 08/06/2015 | 50 | 4 | 24 | 22 |
| 15/06/2015 | 61 | 4 | 20 | 37 |
| 22/06/2015 | 61 | 6 | 28 | 27 |
| 29/06/2015 | 59 | 4 | 19 | 36 |
| Overall Total | 721 | 51 | 308 | 362 |

| A | В | С | D | E | |
|---------------|--|----|--|-----|--|
| Month | No. of triage Non- tool Conveyances | | Non- Conveyances Total no. of cases within Column B that were that MTCs natural DGH catchment (therefore not new activity shifts) | | |
| April | 205 | 15 | 90 | 100 | |
| May | May 217 | | 89 | 115 | |
| June | 254 | 20 | 113 | 121 | |
| Overall Total | Overall Total 676 48 | | 292 | 336 | |

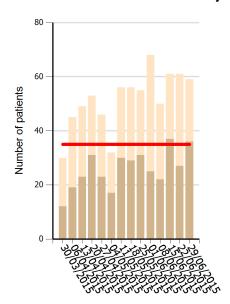


Weekly Activity against Contract: 2014/15



Week commencing

Weekly Activity against Contract: 2015/16



- ---- Weekly Contract (relates to 5 cases per day where the triage tool is triggered and the ambulance is required to bypass a hospital in order to reach the...

 Total Activity: Total number of triage triggers
- Contract Activity: Triage tool triggers where we had to bypass the hospital in order to reach the Major Trauma Centre

0

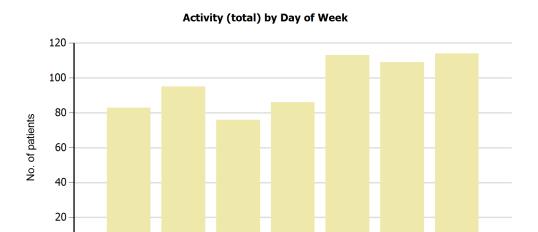
Monday

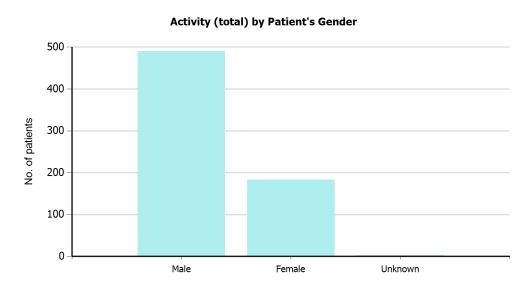
Tuesday

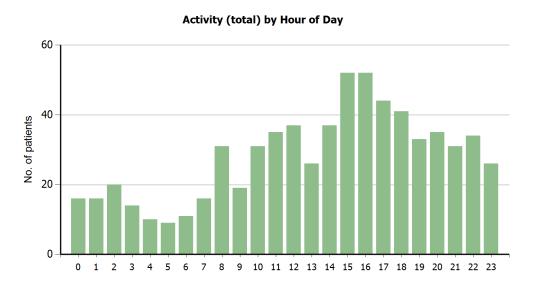
Wednesday

Major Trauma - Activity Trends Year to Date Summary

From 01/04/2015 **to** 30/06/2015 Report Ref: 186





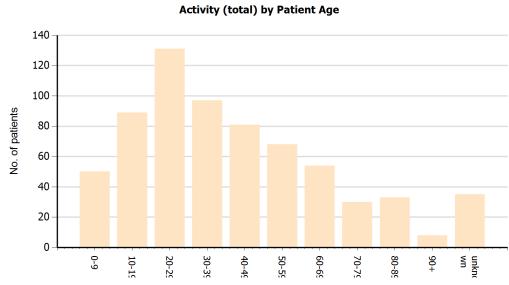


Thursday

Friday

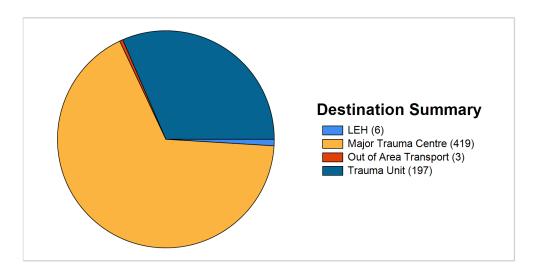
Saturday

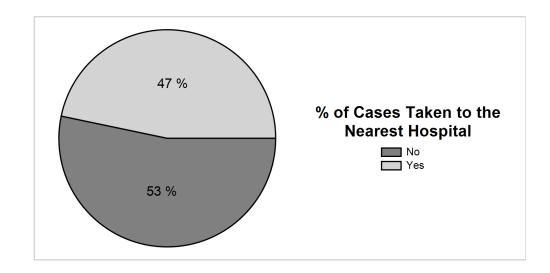
Sunday

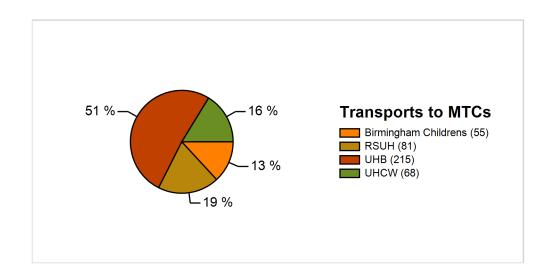


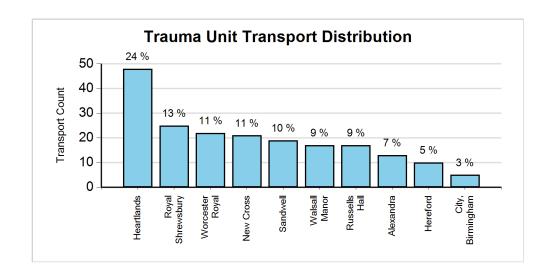


West Midlands Ambulance Service NHS Foundation Trust









Major Trauma Time Reports by Division From **01/06/2015** to **30/06/2015**

Average Time Mobile to At Scene (hh:mm:ss)

Incident based. First mobile time to first on scene

| LAND Crews only | | |
|------------------------|---------|---------|
| Division | Day | Night |
| Birmingham Division | 0:05:25 | 0:04:24 |
| Black Country Division | 0:05:26 | 0:05:09 |
| C&W Division | 0:05:56 | 0:04:52 |
| Staffordshire Division | 0:06:19 | 0:07:50 |
| West Mercia Division | 0:08:25 | 0:05:21 |
| Total | 0:06:26 | 0:05:30 |

| AIR Crews only | | |
|------------------------|---------|---------|
| Division | day | night |
| Birmingham Division | 0:14:05 | |
| Black Country Division | 0:10:04 | 0:12:43 |
| C&W Division | 0:08:55 | |
| Staffordshire Division | 0:14:20 | |
| West Mercia Division | 0:17:43 | |
| Total | 0:13:08 | 0:12:43 |

Average Time Spent on Scene (hh:mm:ss)

Incident based. First on scene to first left scene (where subsequently conveyed) Ambulances and Air Crews only. Entrapments and RSI on scene excluded (where known).

| ALL Crews | | |
|------------------------|---------|---------|
| Division | day | night |
| Birmingham Division | 0:36:02 | 0:37:10 |
| Black Country Division | 0:38:15 | 0:34:22 |
| C&W Division | 0:37:17 | 0:44:56 |
| Staffordshire Division | 0:55:53 | 0:40:50 |
| West Mercia Division | 0:40:27 | 0:33:20 |
| Total | 0:40:36 | 0:37:50 |

Average Travel Time to Hospital (hh:mm:ss)Response based. Time left scene to time at hospital

| LAND Crews only | | | | |
|------------------------|---------|---------|--|--|
| Division | day | night | | |
| Birmingham Division | 0:12:43 | 0:10:38 | | |
| Black Country Division | 0:17:55 | 0:15:13 | | |
| C&W Division | 0:16:18 | 0:23:46 | | |
| Staffordshire Division | 0:24:44 | 0:25:30 | | |
| West Mercia Division | 0:20:29 | 0:27:47 | | |
| Total | 0:17:12 | 0:19:10 | | |

| AIR Crews only | | |
|------------------------|---------|---------|
| Division | day | night |
| Birmingham Division | 0:05:00 | |
| Black Country Division | 0:08:24 | 0:10:17 |
| C&W Division | 0:06:18 | |
| Staffordshire Division | 0:10:40 | |
| West Mercia Division | 0:18:25 | |
| Total | 0:12:08 | 0:10:17 |

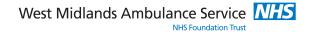
Average Total Time spent on Cases (hh:mm:ss)

Incident based. First allocated time to latest time clear

| ALL Crews | | |
|-------------------------------|---------|---------|
| Division | day | night |
| Birmingham Division | 1:40:33 | 1:35:21 |
| Black Country Division | 2:01:58 | 1:39:01 |
| C&W Division | 1:35:22 | 2:04:15 |
| Staffordshire Division | 2:10:25 | 1:50:27 |
| West Mercia Division | 1:49:16 | 2:38:00 |
| Total | 1:50:58 | 1:52:16 |

This data does not include cases where the crews are not contacting the Regional Trauma Desk, any trauma transfers or cases which are responded to by out of area resources. The 'division' is based on the location of incident. Excluding defib responses





Major Trauma Network Conveyance Times From 01/06/2015 to 30/06/2015

Average Travel Time to Hospital (hh:mm:ss)

Response based. Time left scene to time at hospital

| LAND Crews only | МТ | ⁻ Cs | | | | |
|----------------------|--------------|-----------------|--|--|--|--|
| Hospital Attended | day night | | | | | |
| Birmingham Childrens | 0:10:16 | 0:22:46 | | | | |
| UHB | 0:20:42 | 0:18:16 | | | | |
| UHCW | 0:16:33 0:20 | | | | | |
| Total | 0:17:41 | 0:19:32 | | | | |

| AIR Crews only | MTCs | | | | | |
|----------------------|---------|---------|--|--|--|--|
| Hospital Attended | day | night | | | | |
| Birmingham Childrens | 0:12:55 | 0:10:17 | | | | |
| UHB | 0:15:45 | | | | | |
| UHCW | 0:09:24 | | | | | |
| Total | 0:13:45 | 0:10:17 | | | | |

| LAND Crews only | Other Des | stinations | | |
|-----------------------|-----------|------------|--|--|
| Hospital Attended | day | night | | |
| Acorns Hospice | 0:00:04 | | | |
| Alexandra | 0:16:19 | 0:23:12 | | |
| City (Birmingham) | 0:10:59 | 0:06:50 | | |
| Good Hope | 0:14:08 | | | |
| Heartlands | 0:15:27 | 0:13:27 | | |
| Hereford County | 0:34:21 | 0:09:35 | | |
| New Cross | 0:08:35 | 0:09:35 | | |
| Princess Royal | 0:09:29 | | | |
| ROYAL DERBY HOSPITAL | | 0:14:50 | | |
| Royal Shrewsbury | 0:20:42 | 0:28:55 | | |
| Royal Stoke Univ Hosp | 0:28:10 | 0:30:36 | | |
| Russells Hall | 0:12:37 | 0:09:56 | | |
| Sandwell | 0:12:13 | 0:15:20 | | |
| Walsall Manor | 0:16:28 | 0:15:22 | | |
| Worcestershire Royal | 0:20:20 | 0:15:14 | | |
| Total | 0:16:54 | 0:19:12 | | |

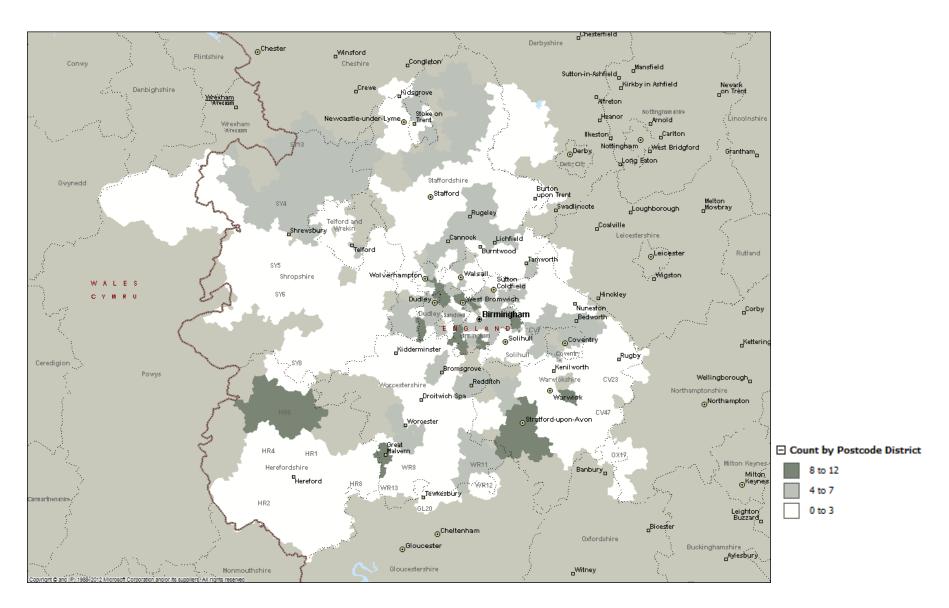
| AIR Crews only | Other Destinations |
|-----------------------|--------------------|
| Hospital Attended | day |
| Royal Stoke Univ Hosp | 0:09:23 |
| Total | 0:09:23 |

This data does not include cases where the crews are not contacting the Regional Trauma Desk, any trauma transfers or cases which are responded to by out of area resources. Excluding defib responses



Major Trauma Activity by Postcode Area

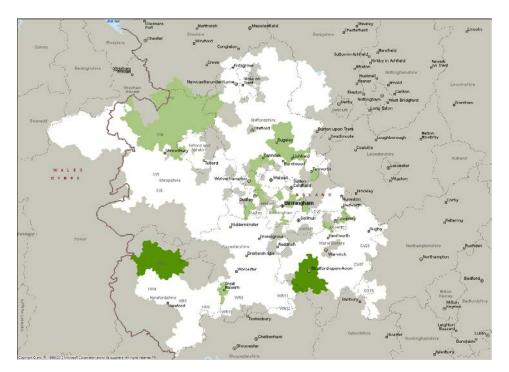
April to June 2015



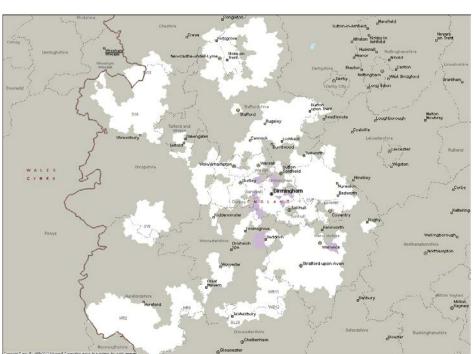
Major Trauma Activity by Postcode Area and Shift

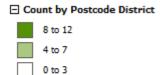
April to June 2015

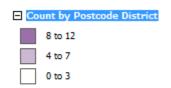
DAY Shift (07:00 - 18:59)



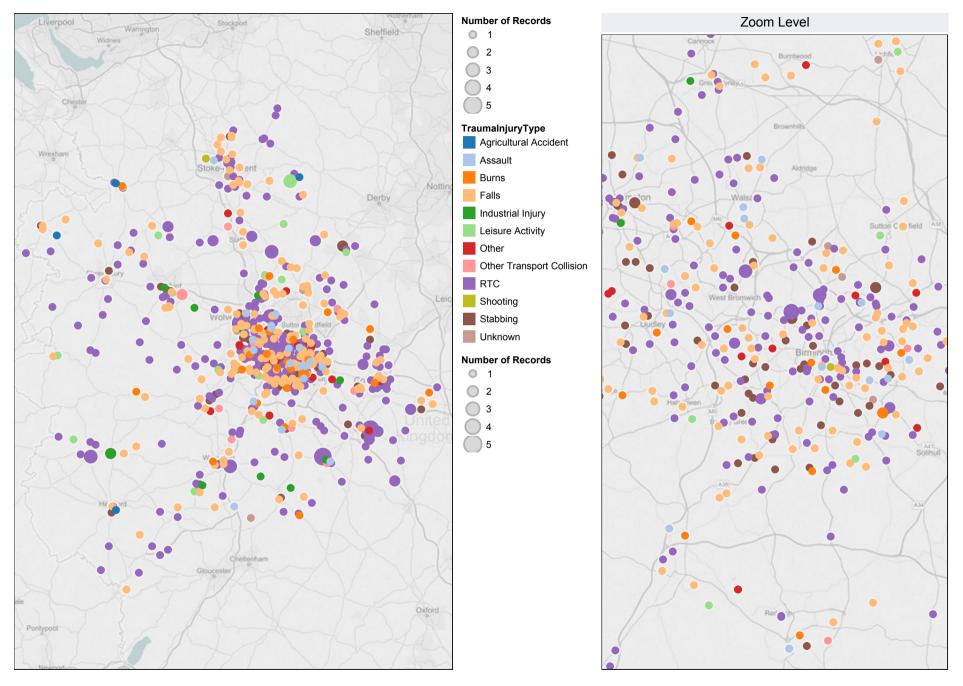
NIGHT Shift (19:00 – 06:59)



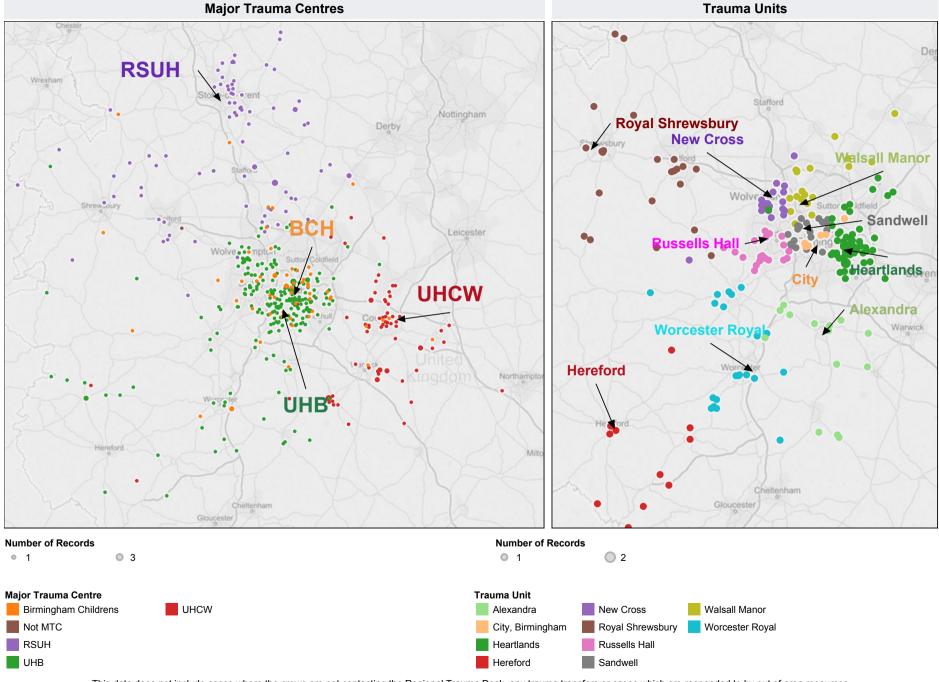




Incident Location of Major Trauma Patients by Type of Incident 2015/16



Incident Location of Patients Conveyed to MTCs and TUs 2015/16







| | April | May | June | July | August | September | October | November | December | January | February | March | No Value | YTD |
|--------------------------|-------|-----|------|------|--------|-----------|---------|----------|----------|---------|----------|-------|----------|-----|
| No. of deceased patients | 16 | 16 | 23 | | | | | | | | | | | 55 |

| Trauma Injury Type | General Area | Deceased Notes |
|---------------------------|------------------|--|
| RTC | Brierley Hill | Motorcyclist vs car. ? mechanism. Bystander CPR immediately after collision. Cardiac arrest identified straight away. Full traumatic protocol followed and RIP on scene. |
| RTC | Kenilworth | |
| RTC | Warwick | |
| RTC | Lichfield | |
| RTC | M40, Sherborne | Motorway RTC. Lorry and 2-3 cars. Lorry well ablaze 4-5 pts with minor injuries from collisions at the rear of the lorry. One car found under the lorry at the front with associated fatalities. |
| Falls | Stafford | Pt had a head inj aetiology of Medical or trauma \U/K Cardiac arrest. ROLE at scene. |
| Assault | Stratford | Pt is deceased on scene despite efforts |
| RTC | Leamington Spa | |
| RTC | Leamington Spa | |
| RTC | Leamington Spa | |
| Falls | Great barr | |
| Other | Solihull | Pt seen to jump in front of train. Responder updated stating pt obviously deceased. Injuries incompatable with life. |
| Falls | Sutton Coldfield | |
| RTC | Burton On Trent | x2 cars RTC side impact female driver cardiac arrest. |
| Agricultural Accident | Ellastone | |
| Falls | Wolverhampton | large fall from height, open head injury. |
| RTC | WEST BROMWICH | cyclist vs lorry |
| RTC | Warwick Hospital | |
| Other Transport Collision | Worcester | Ped vs train, Fm allegedly jumped in front of train. Catastrophic injuries. |
| RTC | M40 Jn11-12. | RTC on the M40. Van vs lorry, 2 other lorrys involved. 1 x male, driver of van crushed by lorry. Confirmed deceased o/a crew. |
| Other Transport Collision | Droitwich | Ped vs train, hit at level crossing. RRV i/a states Obv' deceased, catastrophic injuries. |
| RTC | Stoke On Trent | |
| RTC | hanchurch M6 | RTC |





| | April | May | June | July | August | September | October | November | December | January | February | March | YTD |
|--------------------------|-------|-----|------|------|--------|-----------|---------|----------|----------|---------|----------|-------|-----|
| No. of Out of Area Cases | 3 | 2 | 4 | | | | | | | | | | 9 |

| Case Origin | |
|---------------------------|---|
| Other / Unknown | 1 |
| NWAS | 1 |
| South Central | 1 |
| EMAS | 4 |
| WELSH AMB Service | 2 |
| Total | 9 |
| Tool Triggered By | |
| Step 1: Vital Signs | 2 |
| Step 2: Anatomy of Injury | 7 |
| Total | 9 |
| Trauma Injury Type | |
| Falls | 2 |
| RTC | 4 |

Leisure Activity

Stabbing

Total

Agricultural Accident

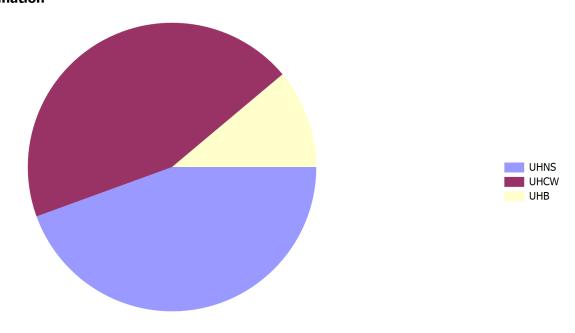
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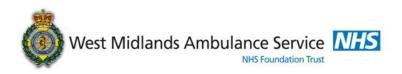
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1

9

Patient Destination

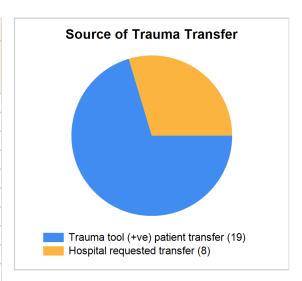




Data includes out of area transfers

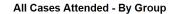
| | April | May | June | July | August | September | October | November | December | January | February | March | YTD |
|------------------|-------|-----|------|------|--------|-----------|---------|----------|----------|---------|----------|-------|-----|
| No. of Transfers | 5 | 13 | 9 | | | | | | | | | | 27 |

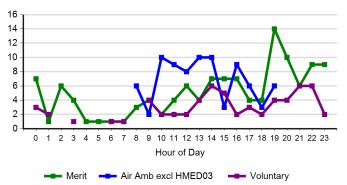
| | | Transfer To | | | | | | | | |
|-----------------------|-------------------------|-------------|------|-----|------|------|--|--|--|--|
| Transfer From | Birmingham Childrens | Not MTC | RSUH | UHB | UHCW | Tota | | | | |
| Alexandra | 0 | 0 | 0 | 2 | 0 | 2 | | | | |
| Birmingham Childrens | 1 | 0 | 0 | 0 | 0 | 1 | | | | |
| City, Birmingham | 1 | 0 | 0 | 0 | 0 | 1 | | | | |
| Heartlands | 1 | 0 | 0 | 2 | 0 | 3 | | | | |
| Hereford | 0 | 1 | 0 | 0 | 1 | 2 | | | | |
| LEH | 1 | 0 | 1 | 0 | 2 | 4 | | | | |
| Out of Area Transport | 0 | 0 | 0 | 0 | 1 | 1 | | | | |
| Royal Shrewsbury | 0 | 0 | 5 | 0 | 0 | 5 | | | | |
| Russells Hall | 0 | 0 | 0 | 2 | 0 | 2 | | | | |
| Sandwell | 1 | 0 | 0 | 0 | 0 | 1 | | | | |
| UHB | 0 | 1 | 0 | 0 | 0 | 1 | | | | |
| UHCW | 0 | 1 | 0 | 1 | 1 | 3 | | | | |
| Walsall Manor | 1 | 0 | 0 | 0 | 0 | 1 | | | | |
| Total | 6 | 3 | 6 | 7 | 5 | 27 | | | | |



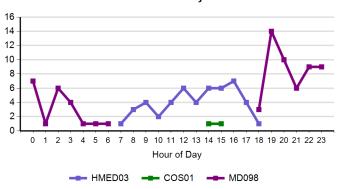


West Midlands Ambulance Service

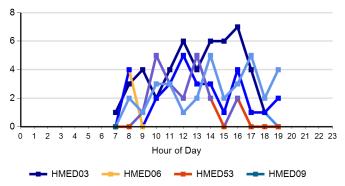




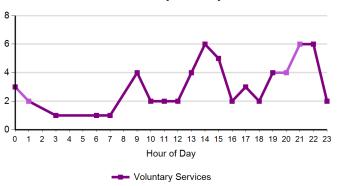
All Cases Attended by MERIT



All Cases Attended by Air Ambulance

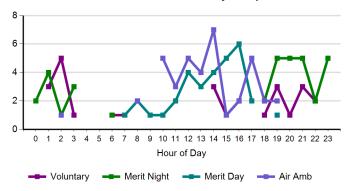


All Cases Attended by Voluntary Services

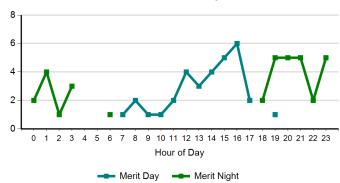


* Please note the scales on the charts above are not the same

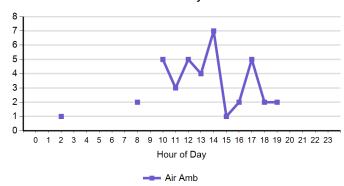
Trauma Cases Attended - By Group



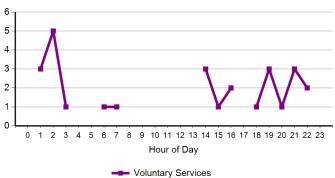
Trauma Cases Attended by MERIT



Trauma Cases Attended by Air Ambulance



Trauma Cases Attended by Voluntary Services





MERIT Report From 01/06/2015 to 30/06/2015

Responses at scene by Chief Complaint (All Cases)

| | Total | Air Amb excl HMED03 | Merit | Voluntary |
|---------------------------------|-------|---------------------------|-------|-----------|
| RTC | 37 | 13 | 14 | 10 |
| Trauma | 28 | 14 | 11 | 3 |
| Stabbing | 25 | | 23 | 2 |
| Falls | 24 | 12 | 10 | 2 |
| Unconscious | 21 | 4 | 7 | 10 |
| RTC EntrapmentEjection Rollover | 20 | 4 | 12 | 4 |
| Cardiac Arrest | 14 | 4 | 8 | 2 |
| Life Threatening Situation | 14 | 2 | 6 | 6 |
| Chest Pain | 10 | 6 | 1 | 3 |
| Convulsions | 8 | | 5 | 3 |
| RTC Multiple Patients | 8 | | 6 | 2 |
| Red 2 | 8 | 5 | 2 | 1 |
| Psychiatric or Suicide | 7 | 1 | 4 | 2 |
| Burn | 5 | | 5 | |
| Green 2 | 5 | 5 | | |
| Traumatic Inj | 3 | 3 | | |
| Stroke | 3 | 1 | 1 | 1 |
| Breathing Problems | 3 | | | 3 |
| Gunshot | 2 | | 1 | 1 |
| Fainting | 2 | 1 | | 1 |
| Bleeding Non Traumatic | 2 | | 2 | |
| Drowning | 2 | 1 | | 1 |
| Passing Call | 2 | | 1 | 1 |
| Assaults | 2 | 1 | 1 | |
| Heart Problems | 2 | 2 | | |
| Chokings | 1 | | | 1 |
| Unknown Problem | 1 | 1 | | |
| Code Red | 1 | | 1 | |
| Code Blue | 1 | | 1 | |
| Abdo Pain | 1 | | | 1 |
| Red 1 | 1 | 1 | | |
| Running Call | 1 | | | 1 |
| Overdose | 1 | | | 1 |
| Animal | 1 | 1 | | |
| Total | 266 | 82 | 122 | 62 |

Responses at scene by Injury Type (Trauma Cases)

| | Total | Air Amb | Merit Day | Merit Night | Voluntary |
|---------------------------|-------|---------|-----------|-------------|-----------|
| RTC | 72 | 22 | 20 | 14 | 16 |
| Stabbing | 21 | 1 | 4 | 14 | 2 |
| Leisure Activity | 12 | 5 | 3 | | 4 |
| Falls | 10 | 2 | 2 | 3 | 3 |
| Other | 5 | 2 | 1 | 1 | 1 |
| Assault | 5 | 2 | | 2 | 1 |
| Burns | 3 | 1 | 1 | 1 | |
| Industrial Injury | 2 | 2 | | | |
| Agricultural Accident | 2 | 1 | 1 | | |
| Other Transport Collision | 1 | 1 | | | |
| Unknown | | | | | |
| Total | 133 | 39 | 32 | 35 | 27 |



West Midlands Ambulance Service NHS Foundation Trust

Transports by Destination (All Cases)

| | Total | Air Amb excl HMED03 | Merit | Voluntary |
|--------------------------|-------|---------------------------|-------|-----------|
| Royal Stoke Univ Hosp | 25 | 14 | 9 | 2 |
| New Queen Elizabeth Hosp | 21 | 9 | 11 | 1 |
| Uni Hospital Cov & War | 15 | 14 | 1 | |
| Birmingham Childrens | 8 | 3 | 5 | |
| Worcestershire Royal | 5 | 3 | 2 | |
| Alexandra | 2 | 1 | 1 | |
| New Cross | 2 | | | 2 |
| Robert Jones | 2 | 2 | | |
| Unspecified Hospital | 2 | 2 | | |
| ROYAL DERBY HOSPITAL | 2 | 2 | | |
| Sandwell | 1 | | 1 | |
| Hereford County | 1 | 1 | | |
| Good Hope | 1 | | 1 | |
| Unspecified Location | 1 | 1 | | |
| Russells Hall | 1 | | 1 | |
| Total | 89 | 52 | 32 | 5 |

Transports by Destination (Trauma Cases)

| | Total | Air Amb | Merit | Voluntary |
|-----------------------|-------|---------|-------|-----------|
| Birmingham Childrens | 6 | 3 | 3 | |
| New Cross | 1 | | | 1 |
| UHB | 15 | 5 | 9 | 1 |
| Royal Stoke Univ Hosp | 11 | 5 | 5 | 1 |
| Russells Hall | 1 | | 1 | |
| UHCW | 5 | 5 | | |
| Total | 39 | 18 | 18 | 3 |

Average time on scene per response (All Cases)

| | Total | Air Amb excl HMED03 | Merit | Voluntary |
|---------|---------|---------------------------|---------|-----------|
| Average | 0:39:55 | 0:36:43 | 0:35:27 | 0:52:56 |

Average time on scene per response * (Trauma Cases)

| | Total | Air Amb | Merit | Voluntary |
|---------|---------|---------|---------|-----------|
| Average | 1:01:05 | 0:53:15 | 0:50:06 | 2:08:17 |

* For Trauma cases where the callsigns are in the specified list Merit = COS01,HMED03,MD098
Air Amb = HMED06, HMED09, HMED53
Voluntary = MD callsigns excluding MD098 and MD099
Entrapments and RSI on scene are excluded (where known).

Average time on scene per response * (Trauma Cases where RSI was undertaken)

| | Total | Air Amb | Merit | Voluntary |
|---------|---------|---------|---------|-----------|
| Average | 0:59:11 | 1:01:38 | 0:57:02 | 1:03:59 |

^{*} For Trauma cases where the callsigns are in the specified list Merit = COS01,HMED03,MD098
Air Amb = HMED06, HMED09, HMED53
Voluntary = MD callsigns excluding MD098 and MD099
Entrapments are excluded (where known).



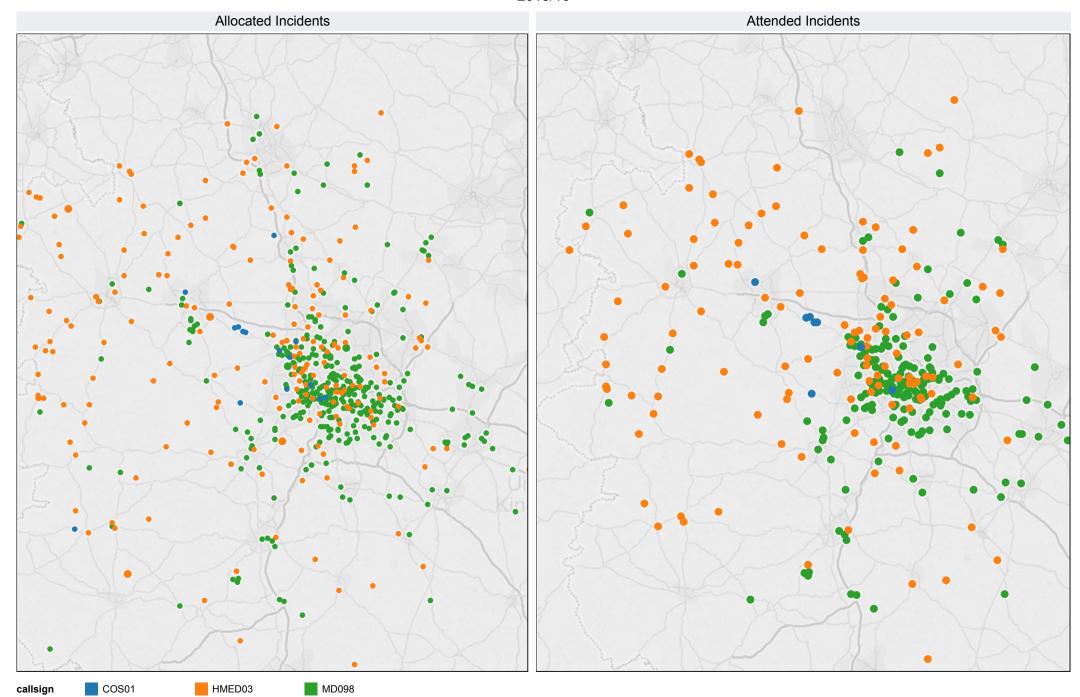
MERIT Report From 01/06/2015 to 30/06/2015

Incident Job Cycle Time for Transfers to MTC undertaken by MERIT (All Cases)

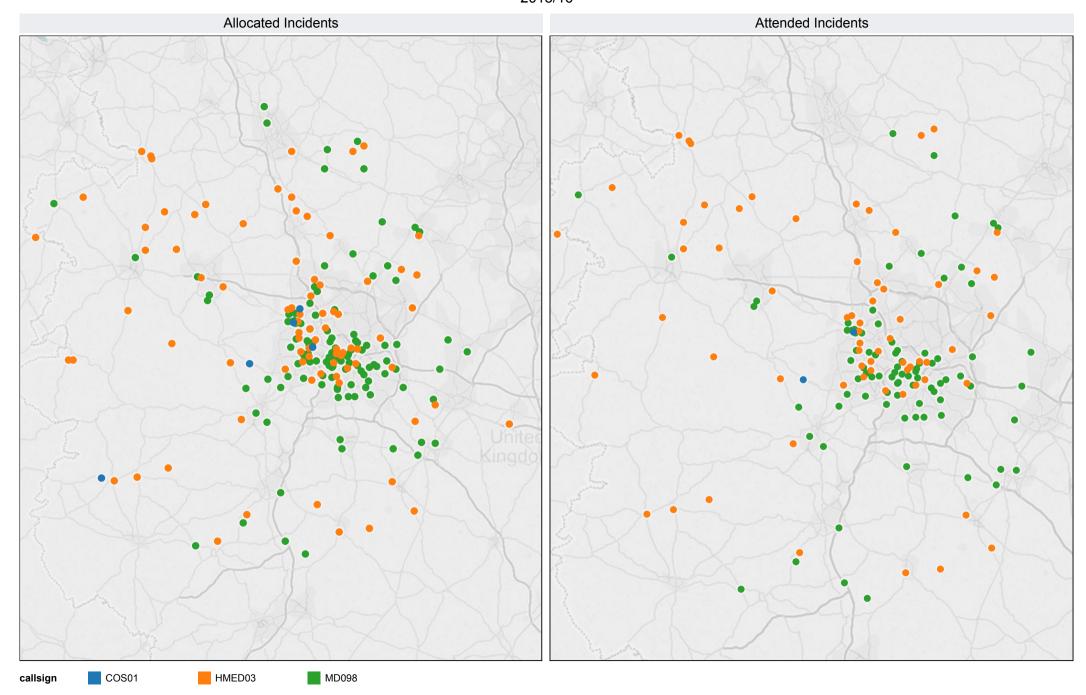
| Case Nr | Date | Call Sign | Transfer From | Transfer To (MTC) | Time Call Connected | Max Clear | Job Cycle |
|---|----------|-----------|-----------------|----------------------|------------------------|------------------------|-----------|
| W20062015_00268 | 20/06/15 | MD098 | Worcester Royal | Birmingham Childrens | 20/06/2015 02:24:52 | 20/06/2015 04:43:18 | 2:18:26 |
| 1 Cases Average Incident Job Cycle (Call Connect to maximum clear time) | | | | | | 2:18:26 | |

Data shows transfers from a WMAS hospital (TU / LEH) to an MTC undertaken by MERIT (call signs HMED03, COS01 or MD098).

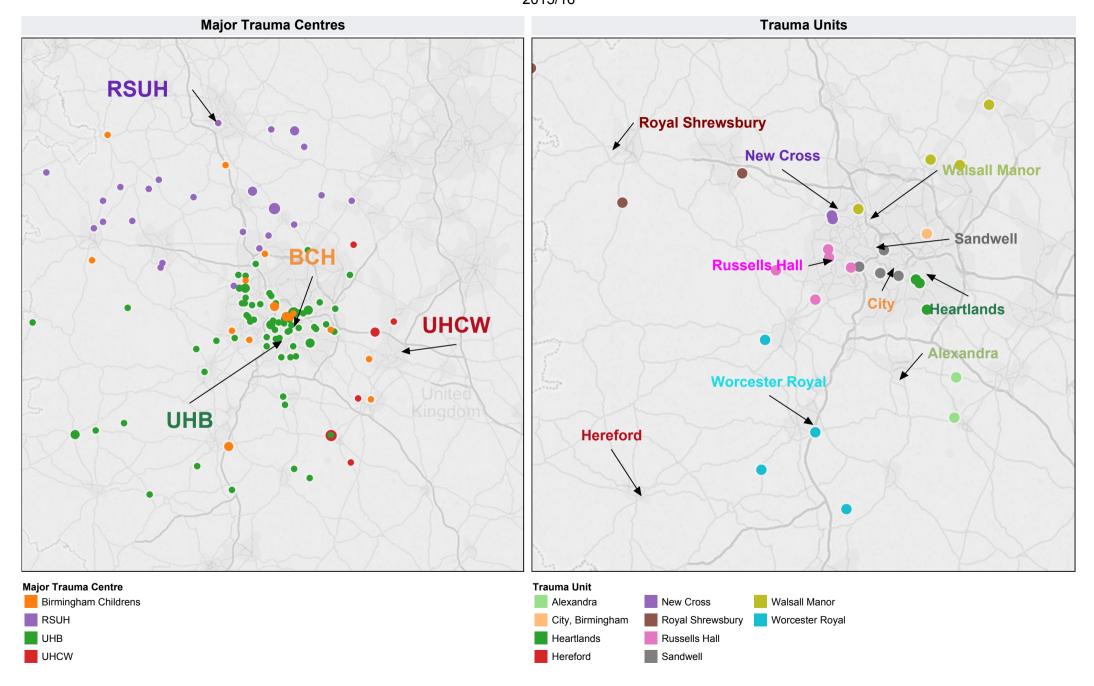
MERIT Activity (All cases from CAD) 2015/16



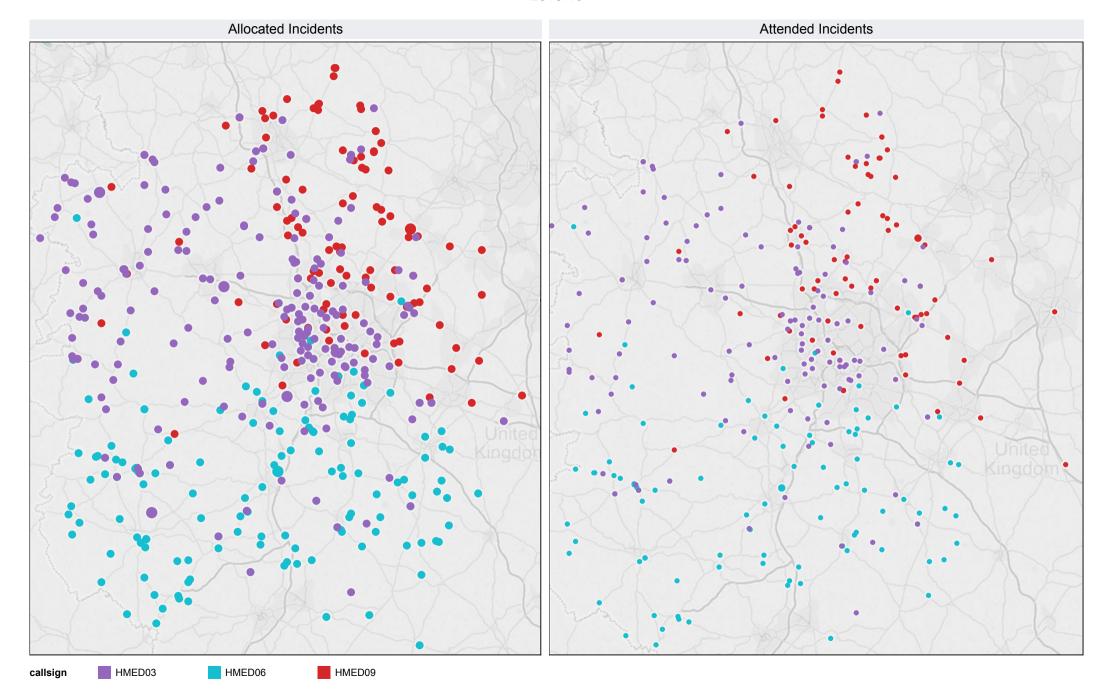
MERIT Activity (Trauma +ve cases only)



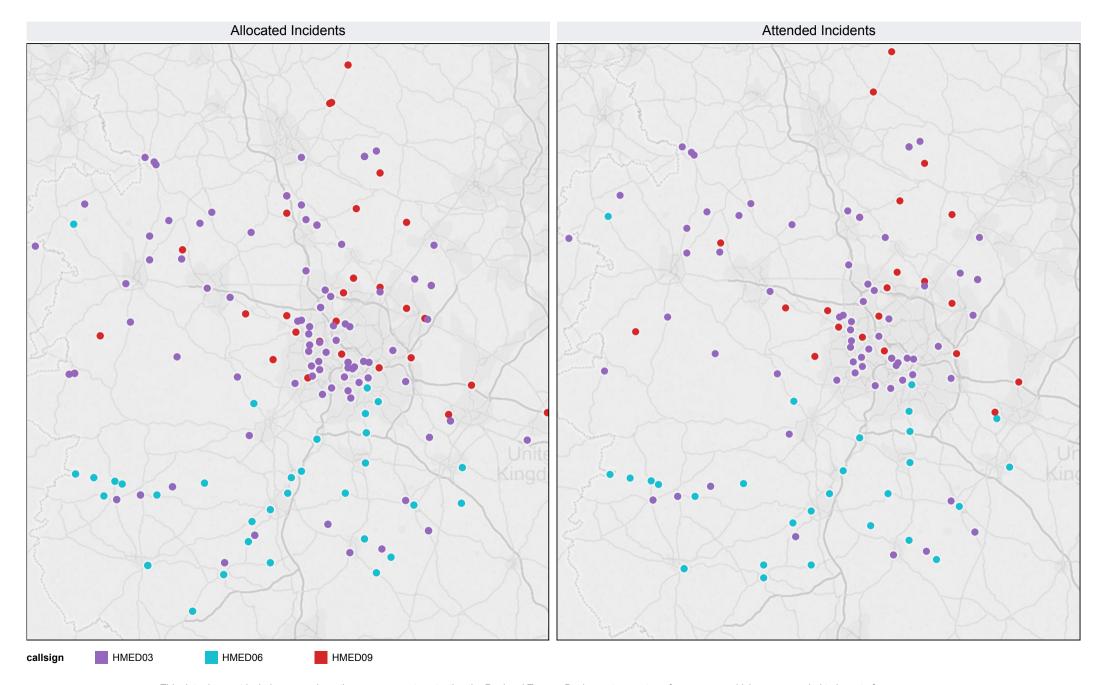
Incident Location of Trauma +ve Patients Conveyed to MTCs and TUs by MERIT 2015/16



Air Ambulance Activity (All cases from CAD) 2015/16



Air Ambulance Activity (Trauma +ve cases only)



Incident Location of Trauma +ve Patients Conveyed to MTCs and TUs by Air Ambulance 2015/16

