

INFORMATION  
ANALYSIS  
DIRECTORATE



# Emergency Care Waiting Time Statistics for Northern Ireland (April – June 2016)



# Reader Information

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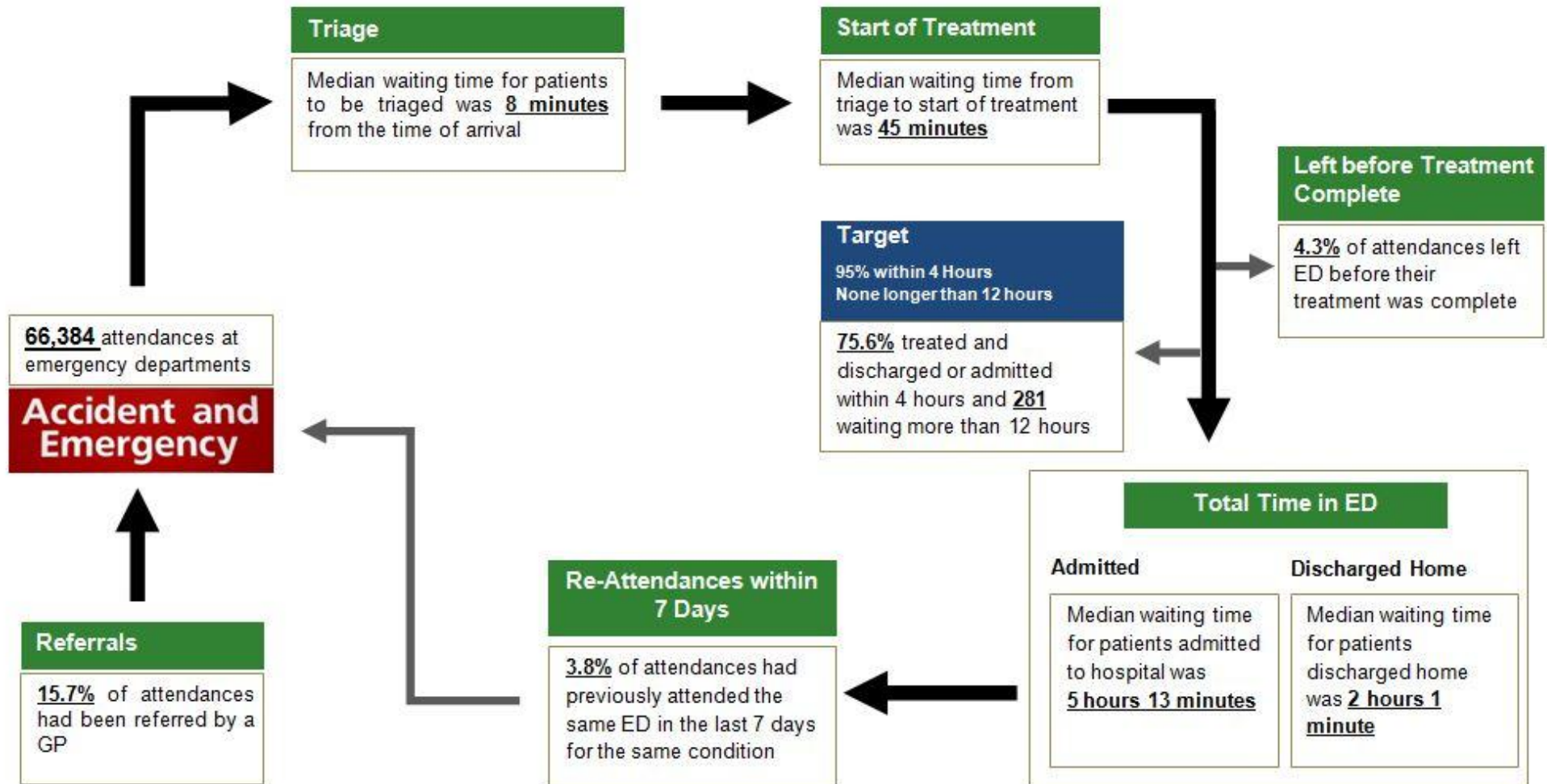
- Purpose:** This statistical release presents information on the time spent waiting in emergency care departments (ED), for both new and unplanned review attendances in Northern Ireland. It reports on the performance of ED's against the DoH Ministerial target, including additional information on the clinical quality indicators set by the DoH.
- Guidance:** It is recommended that readers also refer to the '*Emergency Care Waiting Time Statistics - Additional Guidance*' booklet which details the technical guidance, definitions, as well as background information and comparability of the information detailed in this statistical release. This booklet can be found at the link below:
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- Statistical Quality:** Information detailed in this release has been provided by HSC Trusts and has been validated by Hospital Information Branch (HIB) prior to release. Information detailed on: time to triage, age and time of day for attendances, GP referrals, emergency admissions, left before treatment complete, time to triage, time to start of treatment, time for patients admitted and not admitted are not National Statistics. These have been published to provide users with a comprehensive view of emergency care activity and waits.
- Target Audience:** DoH, Chief Executives of HSC Board and Trusts in Northern Ireland, Health Care Professionals, Academics, Health & Social Care Stakeholders, Media and General Public.
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## SUMMARY OF KEY FACTS (June 2016)



# Emergency Care Attendances: Who, Where, When, Why?

## *How Many Attend Emergency Care Departments?*

Table 1 presents information on the number of new and unplanned review attendances at emergency care departments (ED) and the number of emergency admissions to hospital in Northern Ireland during June 2016, compared with the same month last year <sup>1, 2</sup>.

**Table 1: Attendances at Emergency Care Departments and Emergency Admissions to Hospital (June 2015 and June 2016)**

New and Unplanned Review Attendances	June 2015	June 2016	Difference	
New	58,638	61,363	2,725	4.6%
Unplanned review	3,073	3,474	401	13.0%
<b>Total Attendances <sup>3</sup></b>	<b>63,175</b>	<b>66,384</b>	<b>3,209</b>	<b>5.1%</b>
Emergency Admissions <sup>4</sup>	11,770	11,585	-185	-1.6%

Source: Regional Data Warehouse

- Total attendances at ED's increased by 5.1% (3,209) when compared with June 2015, from 63,175 in June 2015 to 66,384 in June 2016 (Table 1, Table 8A).
- The number of new attendances increased by 4.6% (2,725) when compared with June 2015, from 58,638 in June 2015 to 61,363 in June 2016 (Table 1, Table 8A)
- Between June 2015 and June 2016, unplanned review attendances increased by 13.0% (401) (Table 1, Table 8A).
- Emergency admissions to hospital decreased by 1.6 percentage points (185) between June 2015 (11,770) and June 2016 (11,585) (Table 1).

<sup>1</sup> Information for April, May and June 2016 is detailed in Appendix 5, Table 8A.

<sup>2</sup> Data on emergency admissions are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

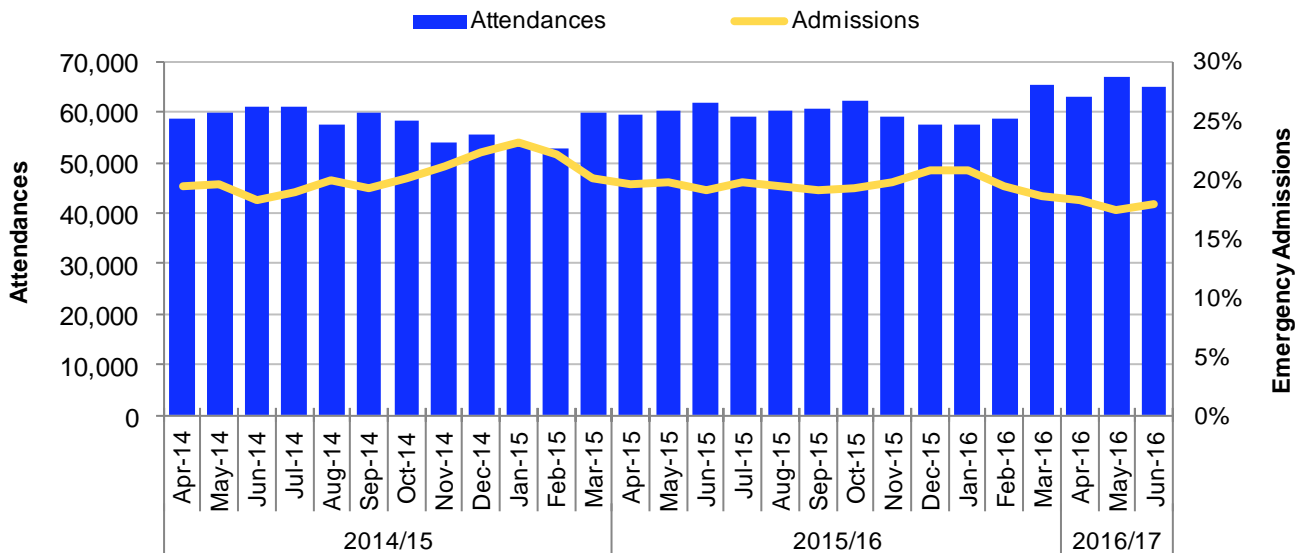
<sup>3</sup> New and unplanned reviews will not sum to the total attendances in Table 1, as the total attendance figure includes attendances at the RVH (ENT & RAES), and it is not currently possible to collect detailed information for the RVH (ENT & RAES) services.

<sup>4</sup> Emergency Admissions (admissions via ED) information is sourced from the ED Administrative Systems and will therefore differ slightly from the information included in the Hospital Statistics: Inpatients and Day Case Statistics which are sourced from the Hospital Inpatient System.

## Are More Patients being Admitted to Hospital?

Figure 1 presents information on the number of new and unplanned review attendances at ED's and emergency admissions<sup>5</sup> to hospital each month, from April 2014.

**Figure 1: Attendances at Emergency Care Departments and Emergency Admissions to Hospital (April 2014 – June 2016)**



- The percentage of ED attendances admitted to hospital was highest during December and January and lowest during the summer months during each year (Figure 1).
- During both 2014/15 and 2015/16, the percentage of ED attendances admitted to hospital increased each month from September to January and declined sharply in February and March to normal levels thereafter (Figure 1).

<sup>5</sup> Data on emergency admissions are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

## Which Emergency Departments Did People Attend?

Table 2 details a summary of the number of new and unplanned review attendances at each Type 1 ED during June 2016 and the same month last year. It also details the total number of attendances at Type 2 and 3 ED's during this period <sup>6,7</sup>.

**Table 2: Attendances at Emergency Care Departments (June 2015 and June 2016)**

Department	New Attendances		Unplanned Review Attendances		Total Attendances	
	Jun-15	Jun-16	Jun-15	Jun-16	Jun-15	Jun-16
Mater	3,835	3,932	103	143	3,938	4,075
Royal Victoria	6,996	7,258	310	229	7,306	7,487
RBHSC	2,845	3,011	187	259	3,032	3,270
Antrim Area	6,299	6,514	291	389	6,590	6,903
Causeway	3,472	3,541	373	355	3,845	3,896
Ulster	7,328	7,657	209	235	7,537	7,892
Craigavon Area	6,598	6,586	494	470	7,092	7,056
Daisy Hill	3,973	4,269	276	365	4,249	4,634
Altnagelvin Area	4,614	5,229	264	311	4,878	5,540
South West Acute	2,444	2,691	156	202	2,600	2,893
Type 1	48,404	50,688	2,663	2,958	51,067	53,646
Type 2	3,430	3,734	132	169	5,026	5,450
Type 3	6,804	6,941	278	347	7,082	7,288
<b>Northern Ireland <sup>8</sup></b>	<b>58,638</b>	<b>61,363</b>	<b>3,073</b>	<b>3,474</b>	<b>63,175</b>	<b>66,384</b>

Source: Regional Data Warehouse

- Total attendances increased at all ED Types between June 2015 and June 2016 (Table 2, Table 8A).
- The Ulster (7,892) and the Royal Victoria (7,487) were the busiest ED's during June 2016 (Table 2, Table 8A).
- Altnagelvin Area (662) and Daisy Hill (385) reported the highest increase in the number of attendances in June 2016, compared with June 2015 (Table 2, Table 8A).

<sup>6</sup> Information for April, May and June 2016 is detailed in Appendix 5, Table 8A.

<sup>7</sup> Readers should note that those on an ambulatory care pathway delivered outside the ED are not included in these waiting time statistics.

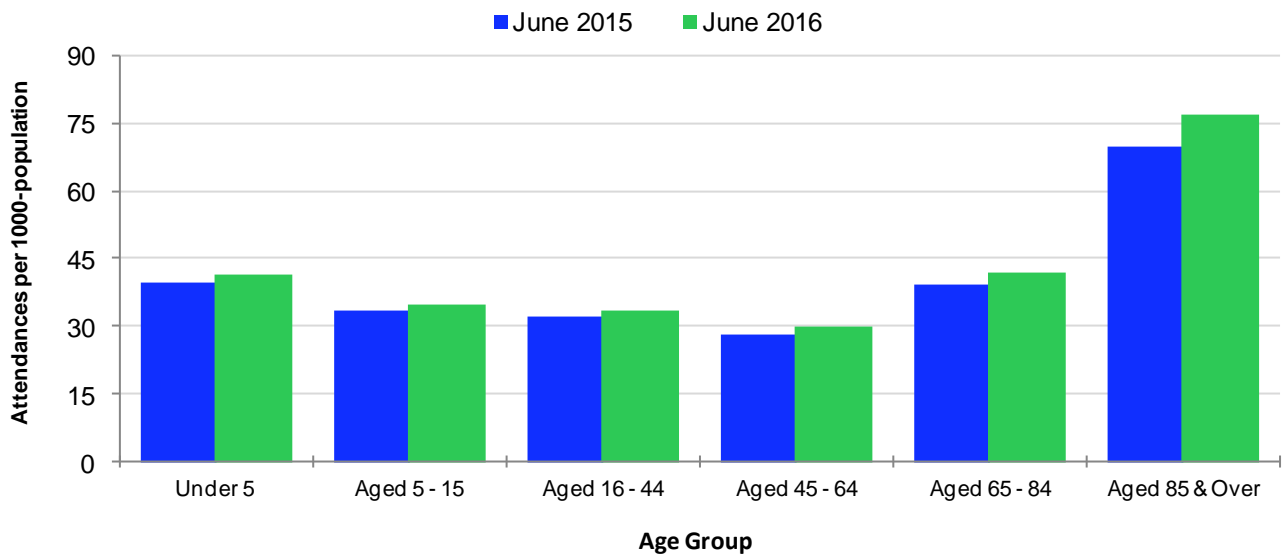
<sup>8</sup> New and unplanned reviews will not sum to the total attendances in Table 2, as the total attendance figure includes attendances at the RVH (ENT & RAES), and it is not currently possible to collect detailed information for the RVH (ENT & RAES) services.



## Who Attends Emergency Departments?

Figure 2 presents information on the number of attendances at ED's per 1000-population, broken down by the age group of those attending<sup>9, 10</sup>.

**Figure 2: Attendances at Emergency Care Departments per 1,000-population, by Age Group (June 2015 and June 2016)**<sup>11, 12</sup>



- During both June 2015 and June 2016, the highest number of attendances per 1000-population was recorded for those aged 85 & over (70 and 77 respectively) (Figure 2, Table 8H).
- An increase in the rate of attendances per 1,000-population was recorded in all age groups between June 2015 and June 2016 (Figure 2, Table 8H).
- A high number of attendances per 1000-population aged under 5 was also recorded in both June 2015 and June 2016 (40 and 41 respectively) (Figure 2, Table 8H).
- The lowest number of attendances per 1000-population was recorded in the aged 45 – 64 age group during June 2015 and June 2016 (28 and 30 respectively) (Figure 2, Table 8H).

<sup>9</sup> Information for April, May and June 2016 is detailed in Appendix 5, Table 8H.

<sup>10</sup> Data on the age of those attending ED are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

<sup>11</sup> Excludes cases where the DOB could not be determined.

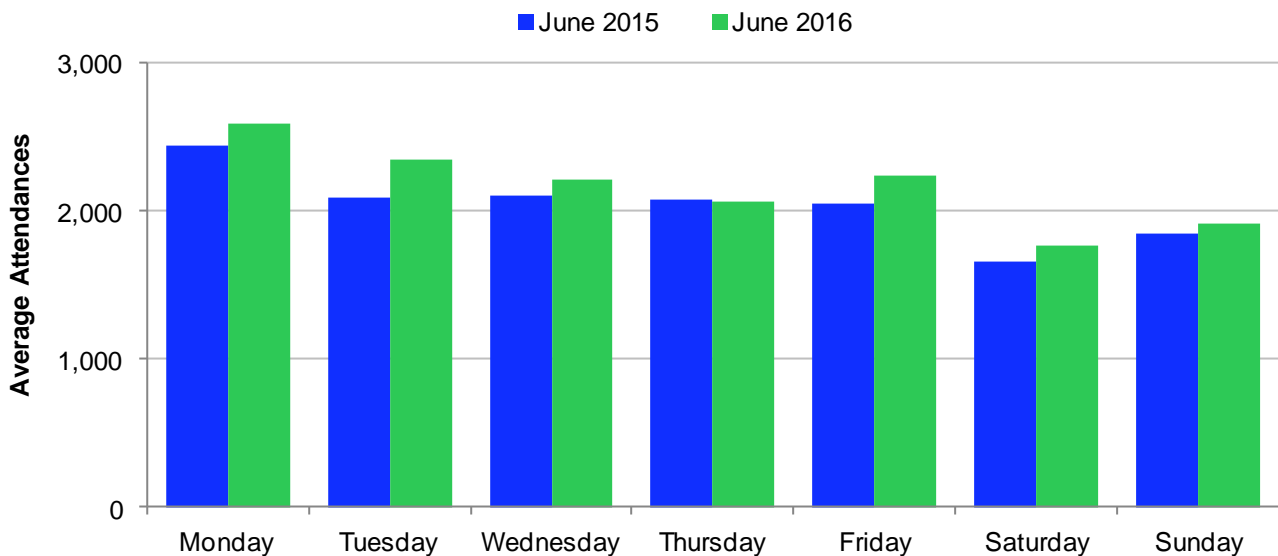
<sup>12</sup> Based on NISRA 2014 mid-year population estimate which was published on 4<sup>th</sup> June 2015.



## When Do People Attend Emergency Care Departments?

Figure 3 presents information on the average number of new and unplanned review attendances at ED's by day of the week during June 2016, compared with June 2015<sup>13,14</sup>.

**Figure 3: Average Number of Attendances at Emergency Care Departments by Day of Week (June 2015 and June 2016)**



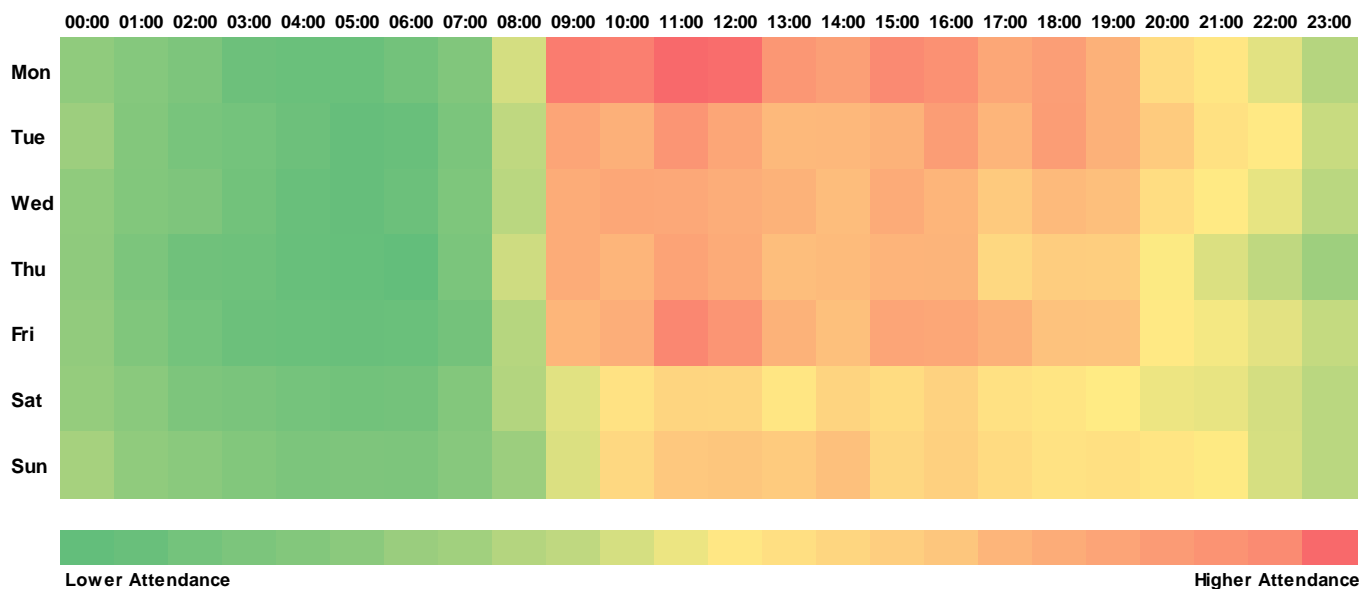
- The average number of attendances at ED's increased or remained similar on each week day in June 2016, compared with June 2015 (Figure 3, Table 8I).
- Overall, Monday was the busiest day at ED's during both June 2015 and June 2016, with on average over 2,400 daily attendances each month (Figure 3, Table 8I).
- The largest increase in average daily attendances was on a Tuesday between June 2015 and June 2016 (2,095 and 2,350 respectively) (Figure 3, Table 8I).
- The lowest average numbers of daily attendances were on a Saturday and Sunday in both months (Figure 3, Table 8I).

<sup>13</sup> Information for April, May and June 2016 is detailed in Appendix 5, Table 8I.

<sup>14</sup> Data on when patients attend ED are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

Figure 4 presents information on the number of new and unplanned review attendances during each day of the week and hour of the day in June 2016<sup>15</sup>. The time shown refers to the hour of arrival, for example 12:00 are those patients who arrived between 12:00pm (noon) and 12:59pm.

**Figure 4: Heat Map of Emergency Care Attendances by Day and Time (June 2016)**



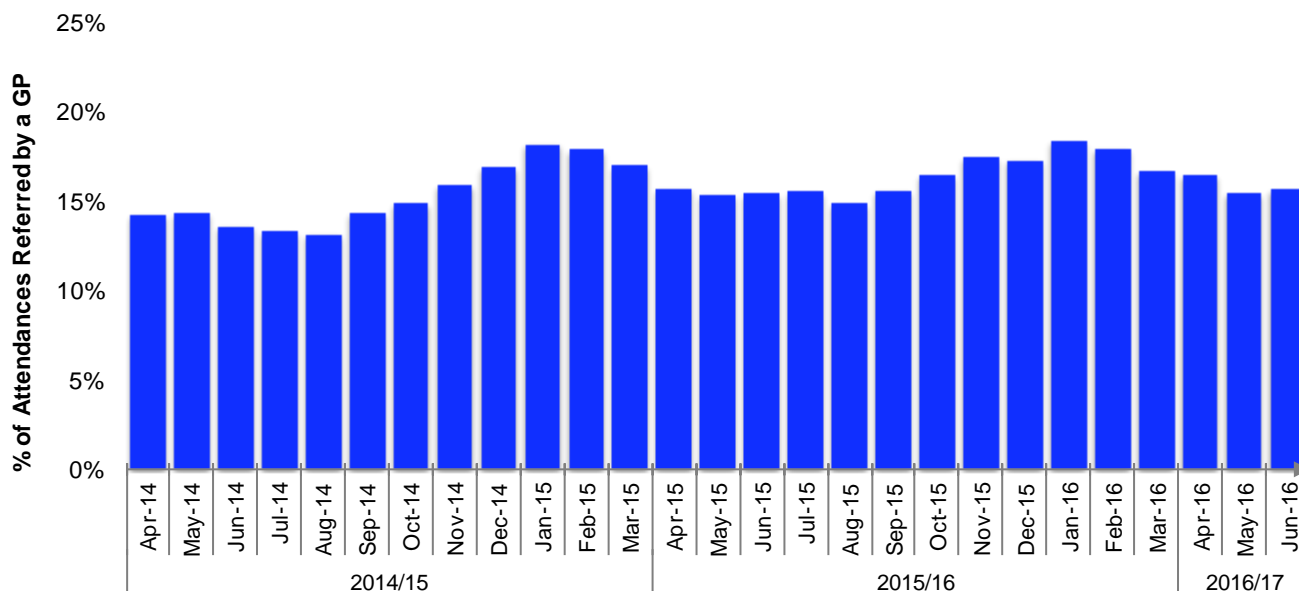
- Monday was the busiest day of the week during June 2016, with the highest number of attendances arriving between 11:00am and 12:59pm (Figure 4).
- Saturday was the least busy day during June 2016, with the highest number of attendances arriving between 11:00am and 11:59am (Figure 4).
- Overall, the busiest hour of the day during June 2016 was between 11:00am and 11:59pm, whilst the least busiest hour was 5:00am to 5:59am (Figure 4).

<sup>15</sup> Data on when patients attend ED are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

## How Many Attendances Were Referred by a GP?

Figure 5 presents information on the percentage of GP referrals against Attendances at Emergency Care Departments, from April 2014<sup>16, 17</sup>.

**Figure 5: Number of Attendances at Emergency Care Departments Referred by a GP (April 2014 – June 2016)**



- Almost one in six (15.7%) attendances at ED's in June 2016 had been referred by a GP, slightly higher than June 2015 (15.4%) (Figure 5, Table 8C).
- Type 1 ED's reported the highest percentage of attendances referred by a GP (17.8%) during June 2016, 0.2 percentage points lower than June 2015 (17.6%) (Figure 5, Table 8C).
- Almost one quarter (23.6%) of attendances at the Ulster had been referred by a GP during June 2016, compared with 11.3% of attendances in Altnagelvin Area (Figure 5, Table 8C).
- The percentage of attendances referred by a GP is usually highest between December and March, and lowest between June and August (Figure 5, Table 8C).

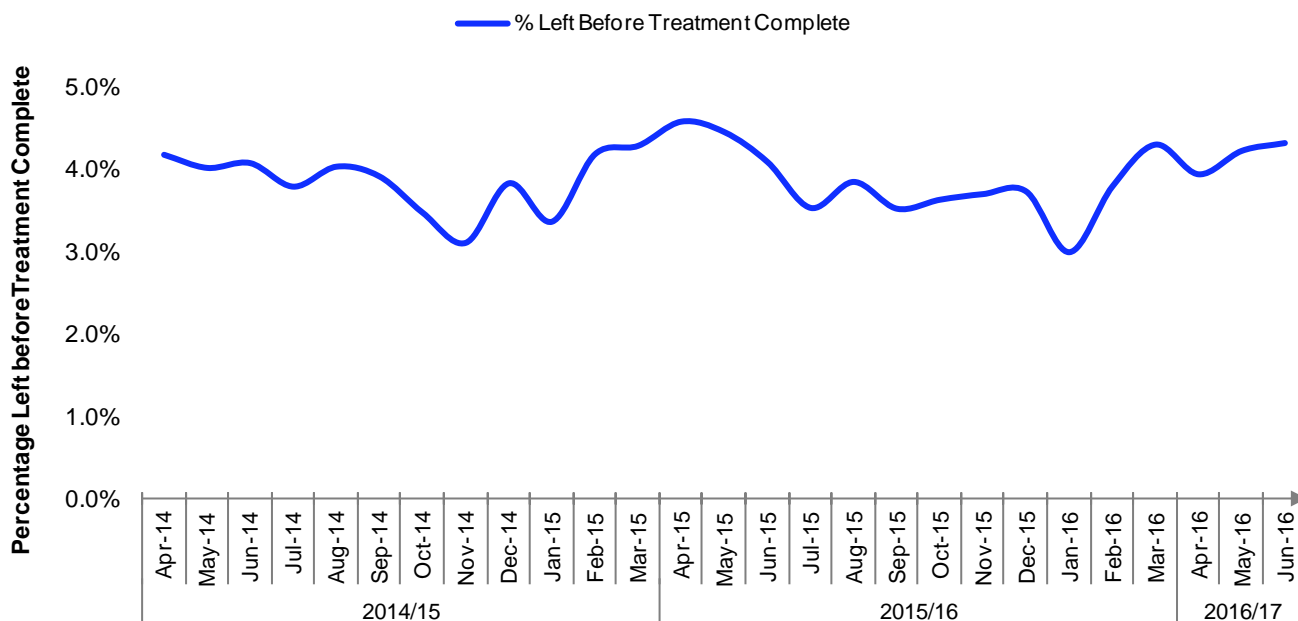
<sup>16</sup> Information for April, May and June 2016 is detailed in Appendix 5, Table 8C.

<sup>17</sup> Data on referrals to ED by GP's are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

## Do Patients Leave ED Before Their Treatment is Complete?

Figure 6 presents information on the proportion of attendances which left an ED before their treatment was complete, from April 2014<sup>18, 19</sup>.

**Figure 6: Percentage of Attendances Leaving the Emergency Care Department before their Treatment was Complete (April 2014 – June 2016)**



- During June 2016, 4.3% of all ED attendances left before their treatment was complete, 0.2 percentage points higher than the proportion in June 2015 (4.1%) (Figure 5, Table 8C).
- Type 1 (5.0%) ED's reported the highest percentage of patients leaving before their treatment was complete in June 2016, with 1.3% reported for Type 2 ED's and 0.7% for Type 3 ED's (Figure 5, Table 8C).
- Causeway (10.0%) reported the highest percentage of attendances leaving an ED before their treatment was complete during June 2016, notably higher than June 2015 (6.4%) (Figure 5, Table 8C).
- During 2014/15 and 2015/16, the percentage of attendances leaving an ED before their treatment was complete was highest in April (Figure 5, Table 8C).

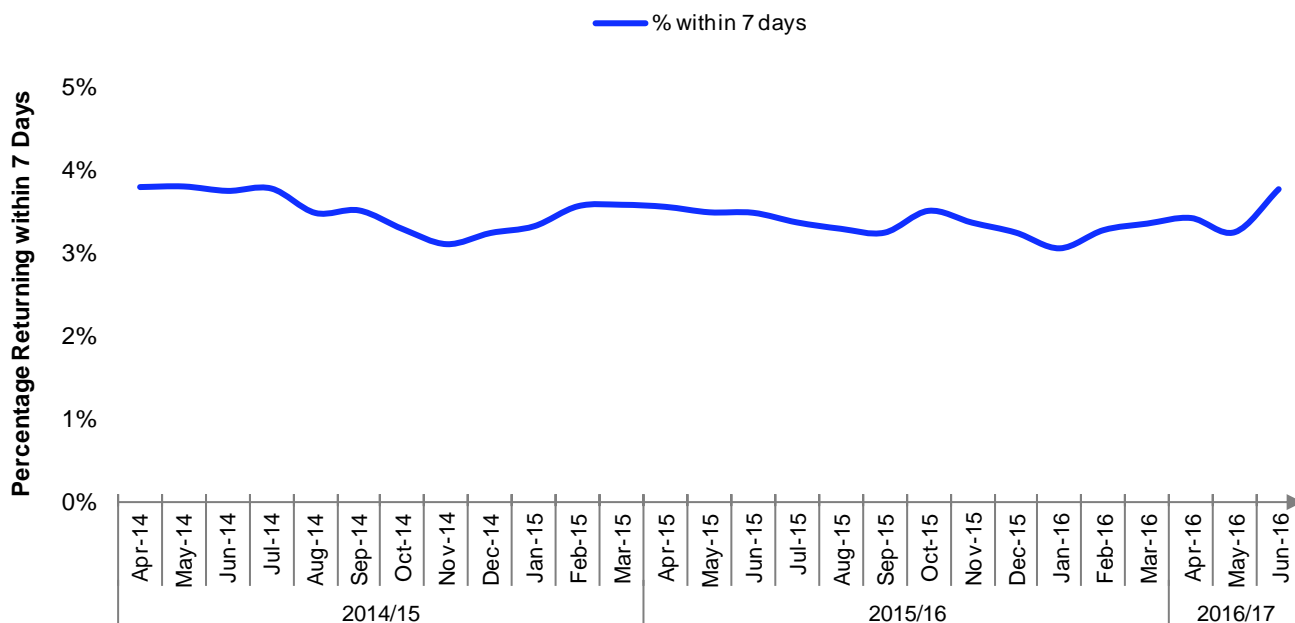
<sup>18</sup> Information for April, May and June 2016 is detailed in Appendix 5, Table 8C.

<sup>19</sup> Data on those leaving ED before their treatment was complete are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

## How Many Patients Re-attend ED's within a Week?

Figure 7 presents information on the percentage of unplanned review attendances at ED's within 7 days of their original attendance for the same condition during each of the last two years<sup>20, 21</sup>.

**Figure 7: Percentage of Re-attendances at Emergency Care Departments within 7 Days (April 2014 – June 2016)**



- Almost 3.8% of attendances during June 2016 had previously attended the same ED within 7 days of their original attendance for the same condition, 0.3 percentage points higher than June 2015 (3.5%) (Figure 6, Table 8C).
- Causeway (7.1%) reported the highest percentage of unplanned review attendances within 7 days of the original attendance during June 2016 (Figure 6, Table 8C).
- The percentage of unplanned review attendances at ED's within 7 days of the original attendance has changed slightly over the last two years, fluctuating between 3.0% and 4.0% of the total number of ED attendances (Figure 6, Table 8C).

<sup>20</sup> Information for April, May and June 2016 is detailed in Appendix 5, Table 8C.

<sup>21</sup> Data on re-attendances within 7 days are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

# How Long Do Patients Spend in ED?

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This section describes the various data available to measure the length of time patients spend in ED's in Northern Ireland. It outlines these different measures and how they relate to each other. The different measures of the time spent in an ED include:

- **The Four and Twelve hour waiting times target;**

*The most familiar mechanisms for monitoring ED performance are the 'four and twelve hour' measures, which report the percentage of patients treated and discharged or admitted from ED within 4 hours of their arrival and the number treated and discharged or admitted from ED within 12 hours of arrival.*

- **Time to Triage (Initial Assessment / Triage);**

*This refers to the time from arrival at ED to the start of a patients triage by a medical professional for all attendances.*

- **Time to Start of Treatment; and,**

*The time take to start a patients treatment refers to the time from when a patient has been triaged until the start of their definitive treatment by a decision-making clinician.*

- **Total Time spent in ED for both Admitted and Non-Admitted Patients.**

*Similar to the four and twelve hour measurements, this information refers to the total length of time a patient spends in an ED from arrival to discharge or admission to hospital. However it presents the information separately for those discharged home and those admitted to hospital.*

## *Emergency Care Waiting Times Target*

The current Ministerial target on emergency care waiting times in Northern Ireland for 2016/17 states that:

*'95% of patients attending any Type 1, 2 or 3 emergency care department are either treated and discharged home, or admitted, within four hours of their arrival in the department; and no patient attending any emergency care department should wait longer than 12 hours.'*

## How are ED's Performing?

Table 3 details the performance against the four and twelve hour components of the emergency care waiting times target in Northern Ireland. The time reported refers to the time from arrival to discharge or admission to hospital<sup>22</sup>.

**Table 3: Performance against Emergency Care Waiting Times Target (June 2015 & 2016)**

Percentage within 4 Hours	June 2015	June 2016	Difference	
			No.	% pt
Type 1	73.7%	70.6%	-	-3.1
Type 2	93.2%	93.0%	-	-0.2
Type 3	99.9%	99.8%	-	-0.1
<b>All Departments</b>	<b>78.2%</b>	<b>75.6%</b>	<b>-</b>	<b>-2.6</b>
Number Over 12 Hours	June 2015	June 2016	Difference	
			No.	%
Type 1	233	269	36	15.5%
Type 2	3	12	9	-
Type 3	0	0	0	-
<b>All Departments</b>	<b>236</b>	<b>281</b>	<b>45</b>	<b>19.1%</b>
New and Unplanned Review Attendances	June 2015	June 2016	Difference	
			No.	%
Type 1	51,067	53,646	2,579	5.1%
Type 2	5,026	5,450	424	8.4%
Type 3	7,082	7,288	206	2.9%
<b>All Departments</b>	<b>63,175</b>	<b>66,384</b>	<b>3,209</b>	<b>5.1%</b>

Source: Regional Data Warehouse

- In June 2016, 75.6% of ED attendances were treated and discharged, or admitted within 4 hours of their arrival, less than June 2015 (78.2%) (Table 3, Table 8B & Table 8J).
- During June 2016, over two thirds (70.6%) of attendances at Type 1 ED's were treated and discharged, or admitted within 4 hours of their arrival, compared with 93.0% at Type 2 ED's and 99.8% at Type 3 ED's (Table 3, Table 8B & Table 8J).
- Between June 2015 and June 2016, performance against the 12 hour target declined from 236 to 281 (Table 3, Table 8B & Table 8J).
- Whilst, performance against both the 4 and 12 hour targets declined over the last year, ED's experienced an 5.1% increase in the number of attendances during this time (63,175 in June 2015 to 66,384 in June 2016) (Table 3, Table 8B & Table 8J).

<sup>22</sup> Further breakdown of ED's can be found in Appendix 5: Table 8B & Table 8J.



Table 4 details the performance against both the four and twelve hour components of the emergency care waiting times target at each Type 1 ED in June 2016 compared with the same month last year. Information has also been included on the overall performance at Type 2 and 3 ED's during this period.

**Table 4: Performance against Emergency Care Waiting Times Target at Type 1 ED's (June 2015 and June 2016)** <sup>23, 24</sup>

Department	4-Hour Performance		12-Hour Performance		Total Attendances	
	Jun-15	Jun-16	Jun-15	Jun-16	Jun-15	Jun-16
Mater	77.3%	78.0%	21	11	3,938	4,075
Royal Victoria	68.0%	61.8%	74	61	7,306	7,487
RBHSC	94.5%	89.2%	0	0	3,032	3,270
Antrim Area	62.7%	65.8%	5	84	6,590	6,903
Causeway	68.2%	59.7%	0	12	3,845	3,896
Ulster	72.2%	74.2%	133	63	7,537	7,892
Craigavon Area	73.2%	66.6%	0	19	7,092	7,056
Daisy Hill	82.3%	76.5%	0	5	4,249	4,634
Altnagelvin Area	72.2%	75.6%	0	2	4,878	5,540
South West Acute	90.0%	69.0%	0	12	2,600	2,893
Type 1	73.7%	70.6%	233	269	51,067	53,646
Type 2	93.2%	93.0%	3	12	5,026	5,450
Type 3	99.9%	99.8%	0	0	7,082	7,288
<b>Northern Ireland</b>	<b>78.2%</b>	<b>75.6%</b>	<b>236</b>	<b>281</b>	<b>63,175</b>	<b>66,384</b>

Source: Regional Data Warehouse

- During June 2016, RBHSC (89.2%) reported the highest performance of Type 1 ED's against the 4 hour target whilst Causeway (59.7%) reported the lowest performance (Table 4, Table 8B).
- One Type 1 ED (RBHSC) achieved the 12-hour component of the target during June 2016 (Table 4, Table 8B).
- The Ulster reported the largest improvement in 12-hour performance (70), from 133 in June 2015 to 63 in June 2016 (Table 4, Table 8B).
- Between June 2015 and June 2016, performance against the 12 hour target declined notably at Antrim Area (5 to 84) (Table 4, Table 8B).

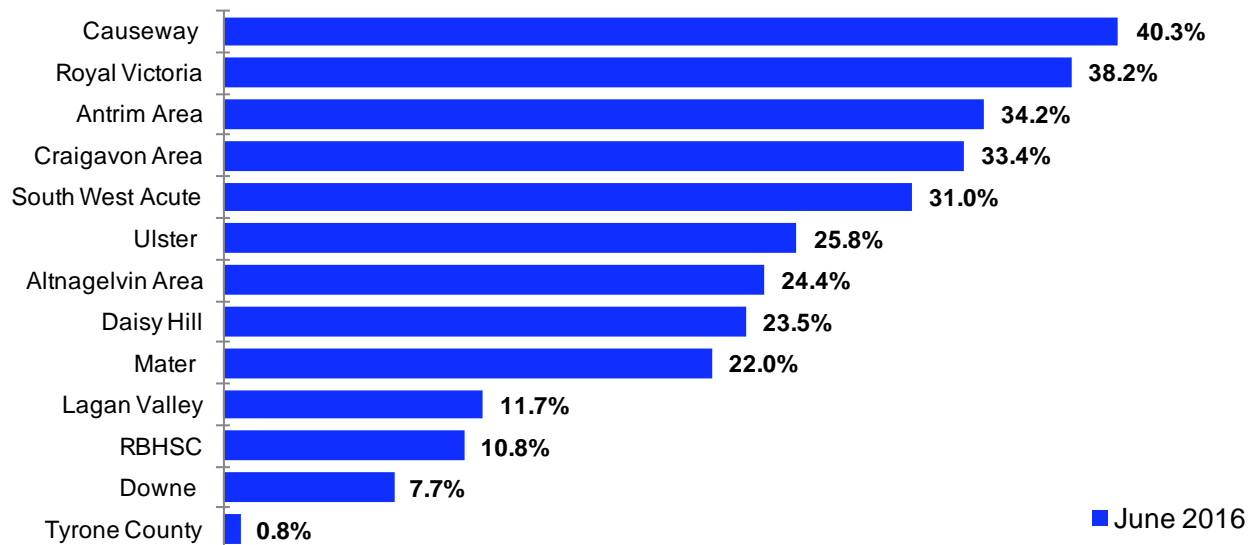
<sup>23</sup> Information for April, May and June 2016 is detailed in Appendix 5: Table 8B & Table 8I.

<sup>24</sup> Readers should note that those on an ambulatory care pathway delivered outside the ED are not included in these waiting time statistics.

## How Many ED Attendances Waited Over 4 Hours?

Figure 8 presents information on the percentage of attendances at ED's which waited longer than 4 hours in ED to be treated and discharged, or admitted to hospital <sup>25</sup>.

**Figure 8: Percentage of Attendances Waiting Longer than Four Hours in Emergency Care Departments (June 2016)**



- Almost two fifths of attendances at the Causeway (40.3%) and Royal Victoria (38.2%) waited longer than 4 hours to be treated and discharged, or admitted to hospital during March 2016 (Figure 8, Table 8J).

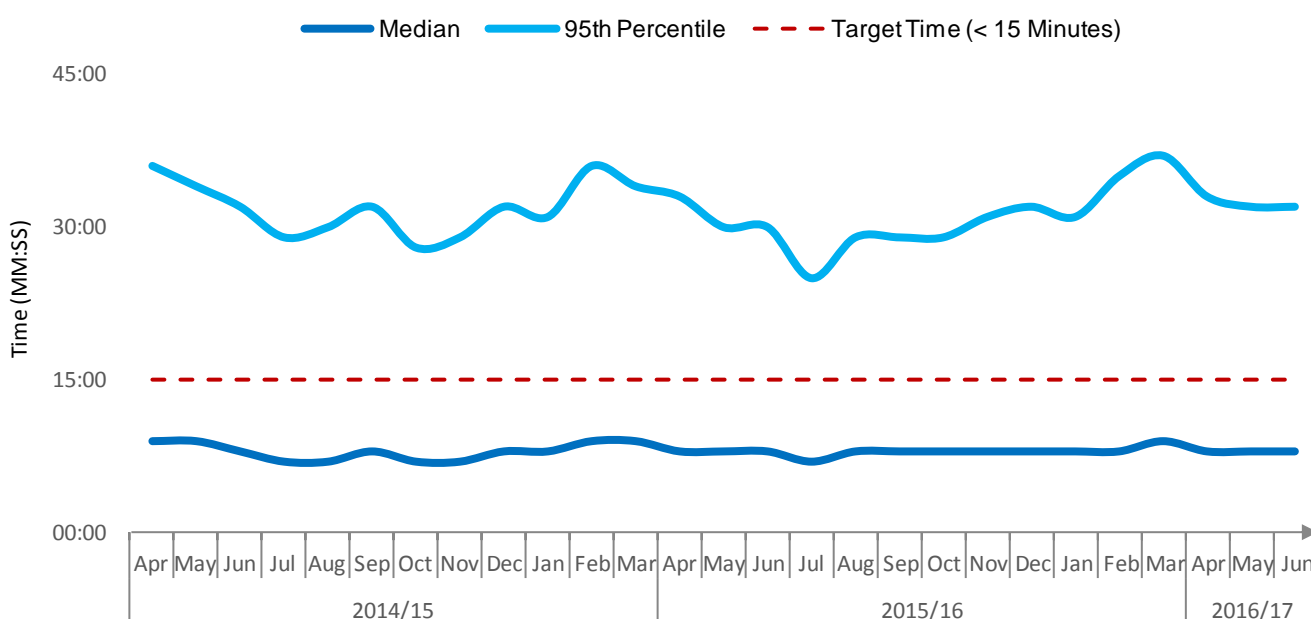
<sup>25</sup> Information for April, May and June 2016 is detailed in Appendix 5: Table 8J.

## How Long Did Patients Wait to be Triage?

Figure 9 details the length of time patients wait from the time of their arrival at an ED to their triage (initial assessment) by a medical practitioner, which includes a brief history, pain and early warning scores, for all patients <sup>26</sup>.

Two aspects of the time waited are reported, including (i) the 95<sup>th</sup> percentile which is the time below which 95% of patients were triaged each month, and (ii) the median waiting time, which is the time below which 50% of patients were triaged.

**Figure 9: Time from Arrival to Triage (April 2014 - June 2016) <sup>27</sup>**



- During June 2016, the median waiting time from arrival to triage was 8 minutes, similar to time taken in June 2015 (8 minutes) (Figure 9, Table 8D).
- 95 per cent of patients were triaged within 32 minutes of their arrival at an ED in June 2016, slightly longer than June 2015 (30 minutes). The slight increase in the time taken to triage 95 per cent of patients may in part be due to the 5.1% increase in the number of patients attending ED's during this period (Figure 9, Table 8D).
- Almost three quarters (74.7%) of attendances were triaged within 15 minutes of their arrival at an ED during June 2016, lower than June 2015 (77.1%).

<sup>26</sup> Data on time to triage are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

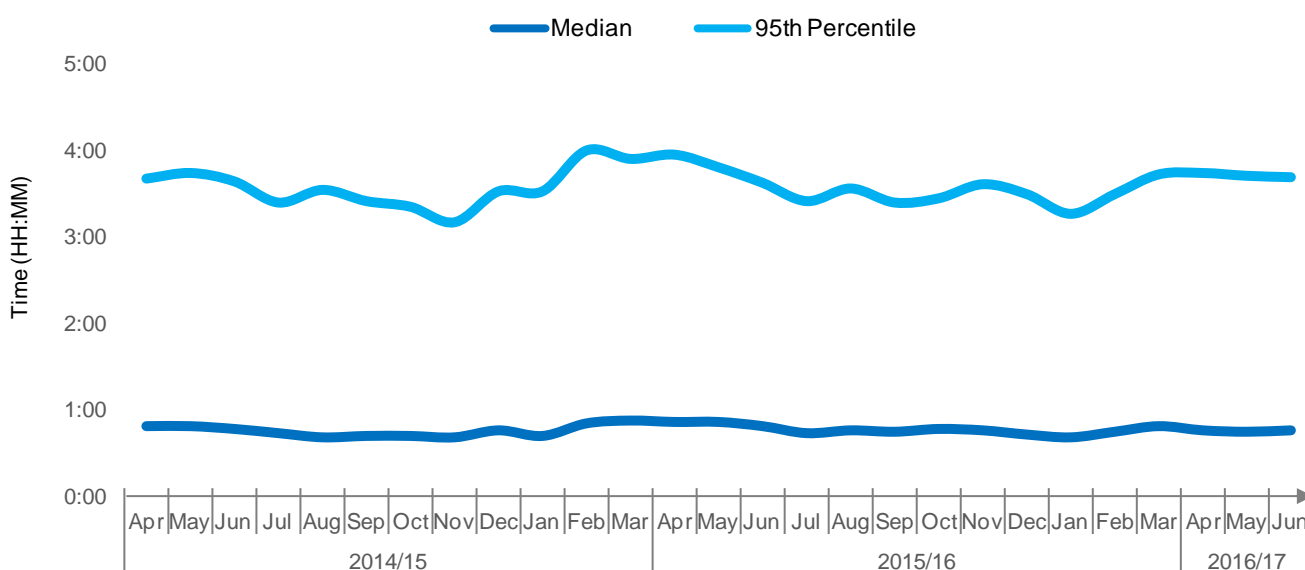
<sup>27</sup> Additional information on time to triage is detailed in Appendix 5: Table 8D.

## How Long Did Patients Wait for Their Treatment to Start?

Figure 10 shows information on the length of time patients wait for their treatment to start following triage (initial assessment) by a medical practitioner. The start of treatment is referred to the beginning of a definitive treatment by a decision-making clinician<sup>28</sup>.

Two aspects of the time waited are reported, including (i) the 95<sup>th</sup> percentile which is the time below which 95% of patients commenced treatment each month, and (ii) the median waiting time, which is the time below which 50% of patient's commenced treatment.

**Figure 10: Time from Triage to Start of Treatment (April 2014 - June 2016)<sup>29</sup>**



- The median waiting time from triage to start of treatment in June 2016 was 45 minutes, an improvement on the time taken in June 2015 (48 minutes) (Figure 10, Table 8E).
- During June 2016, 95 per cent of patients commenced their treatment within 3 hours 41 minutes of being triaged in an ED, longer than the time taken in June 2015 (3 hours 37 minutes) (Figure 10, Table 8E).
- Over four in five (80.8%) patients attending ED's commenced their treatment within 2 hours of being triaged, slightly higher than June 2015 (80.5%).

<sup>28</sup> Data on time to start of treatment are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

<sup>29</sup> Additional information on time to triage is detailed in Appendix 5: Table 8E.

## What is the Waiting Time for Treatment to Start at Type 1 ED's?

Table 5 details the median and 95<sup>th</sup> percentile of the length of time waited from triage to the start of treatment at Type 1 ED's during June 2016 compared with June 2015 <sup>30</sup>.

**Table 5: Time from Triage to Start of Treatment (June 2015 and June 2016) <sup>31</sup>**

Department	Median		95 <sup>th</sup> Percentile	
	Jun-15	Jun-16	Jun-15	Jun-16
Mater	0:56	0:44	4:09	3:39
Royal Victoria	0:56	0:55	3:32	4:35
RBHSC	0:49	0:55	2:24	2:40
Antrim Area	1:23	1:19	5:39	5:01
Causeway	0:42	1:20	4:23	5:15
Ulster	0:55	0:47	3:31	3:06
Craigavon Area	1:17	1:27	3:47	3:56
Daisy Hill	0:54	0:54	3:08	3:50
Altnagelvin Area	1:02	0:47	3:33	2:47
South West Acute	0:27	0:31	2:21	3:00
Type 1	0:59	0:57	3:50	3:56
Type 2	0:40	0:29	2:29	2:08
Type 3	0:05	0:05	0:49	0:52
<b>Northern Ireland</b>	<b>0:48</b>	<b>0:45</b>	<b>3:37</b>	<b>3:41</b>

Source: Regional Data Warehouse

- The median time waited from triage to the start of treatment by a medical professional was 57 minutes at Type 1 ED's during June 2016, an improvement of 2 minutes when compared with June 2015 (59 minutes) (Table 5, Table 8E).
- Craigavon Area reported the longest median waiting time (1 hour 27 Minutes) from triage to start of treatment during March 2016, whilst South West Acute (31 minutes) reported the shortest median waiting time (Table 5, Table 8E).
- Causeway reported the longest waiting time between triage and start of treatment, with 95 per cent of attendances commencing treatment within 5 hours and 15 minutes of being triaged, 52 minutes longer than in June 2015 (4 hours 23 minutes) (Table 5, Table 8E).
- RBHSC reported the shortest time to start of treatment, with 95 per cent of attendances commencing treatment within 2 hours 40 minutes of being triaged during June 2016 (Table 5, Table 8E).

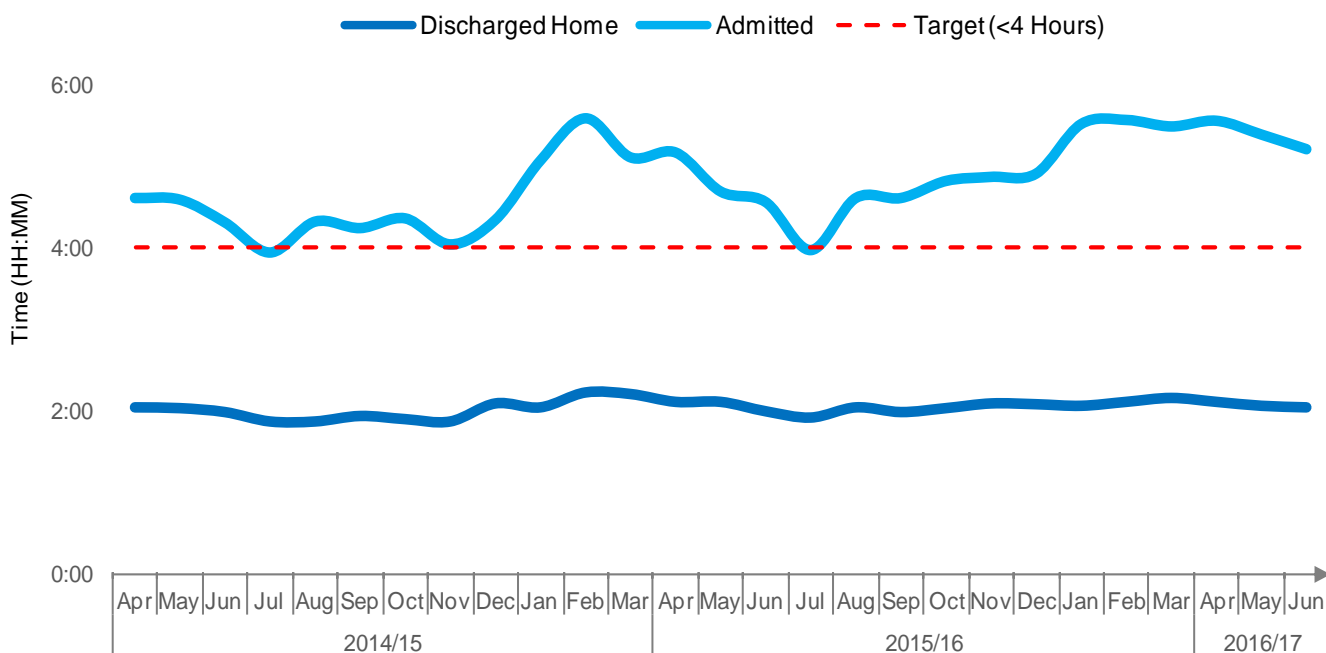
<sup>30</sup> Data on time to start of treatment are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

<sup>31</sup> Information for April, May and June 2016 is detailed in Appendix 5, Table 8E.

## Do Patients Admitted Spend Longer in ED than Those Discharged Home?

Information detailed in Tables 6 and 7 indicates that patients admitted to hospital generally spend a longer period of time in an ED than those discharged home.

**Figure 11: Median Time Spent in an Emergency Care Department for those (i) Admitted to Hospital and (ii) Discharged Home (April 2014 and June 2016)<sup>32</sup>**



- During June 2016, the median time spent in an ED for patients admitted to hospital was 5 hours 13 minutes compared with 2 hours 1 minute for those discharged home (Table 6 and Figure 11)<sup>33</sup>.
- Analysis of the 95<sup>th</sup> percentiles for the length of time spent in an ED for those admitted and discharged home indicates that in June 2016, 95 per cent of patients admitted to hospital spent almost twice as long in an ED (11 hour 28 minutes) than those discharged home (6 hours 0 minutes) (Table 7 and Figure 11).

<sup>32</sup> Further breakdown of ED's can be found in Appendix 5, Table 8E.

<sup>33</sup> Data on time spent in ED for those admitted and those discharged home are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

## How Long did Patients Admitted to Hospital Spend in an ED?

Table 6 details the median and 95<sup>th</sup> percentile length of time spent in an ED from arrival to leaving the ED for those who **were admitted** to hospital.

**Table 6: Total Time Spent in an Emergency Care Department for those Admitted to Hospital (June 2015 and June 2016)** <sup>34</sup>

Department	Median		95 <sup>th</sup> Percentile	
	Jun-15	Jun-16	Jun-15	Jun-16
Mater	3:46	3:58	10:39	9:51
Royal Victoria	4:49	6:31	11:28	11:45
RBHSC	2:46	3:22	5:22	6:40
Antrim Area	5:46	6:21	11:03	11:57
Causeway	6:55	6:35	11:31	11:33
Ulster	5:22	4:42	14:52	11:22
Craigavon Area	4:19	5:28	9:28	11:48
Daisy Hill	3:39	5:01	7:42	11:24
Altnagelvin Area	5:04	5:04	9:21	10:04
South West Acute	3:09	4:46	5:58	9:52
Type 1	4:39	5:16	11:03	11:28
Type 2	3:40	4:07	7:03	9:28
Type 3	0:10	0:10	0:57	0:34
<b>Northern Ireland</b>	<b>4:34</b>	<b>5:13</b>	<b>11:01</b>	<b>11:28</b>

Source: Regional Data Warehouse

- The median time spent in a Type 1 ED for patients admitted to hospital was 5 hours 16 minutes in June 2016, 37 minutes longer than the same month last year (4 hours 39 minutes) (Table 6, Figure 11 and Table 8F).
- Causeway reported the longest median time spent in an ED (6 hours 35 minutes) from arrival to admission to hospital, whilst RBHSC reported the shortest median time of 3 hours 22 minutes (Table 6, Figure 11 and Table 8F)
- 95 per cent of patients were admitted to hospital within 11 hours 28 minutes of arrival at all Type 1 departments during June 2016 (Table 6, Figure 11 and Table 8F).
- Antrim Area reported that 95 per cent of attendances were admitted to hospital within 11 hours and 57 minutes of their arrival during June 2016, 54 minutes longer than June 2015 (Table 6, Figure 11 and Table 8F).

<sup>34</sup> Information for April, May and June 2016 is detailed in Appendix 5, Table 8F.



## How Long Did Patients Discharged Home Spend in ED's?

Table 7 details the median and 95<sup>th</sup> percentile length of time spent in an ED from arrival to leaving the ED for those who **were discharged home**.

**Table 7: Total Time Spent in Emergency Care Departments for those Discharged Home (June 2015 and June 2016)** <sup>35</sup>

Department	Median		95 <sup>th</sup> Percentile	
	Jun-15	Jun-16	Jun-15	Jun-16
Mater	2:31	2:13	6:04	5:40
Royal Victoria	2:39	2:55	6:40	7:49
RBHSC	1:55	2:09	3:57	4:24
Antrim Area	2:46	2:31	7:34	7:22
Causeway	2:07	2:55	6:37	7:36
Ulster	2:12	2:04	5:56	5:22
Craigavon Area	2:34	2:46	5:49	6:04
Daisy Hill	2:04	2:07	5:15	5:45
Altnagelvin Area	2:16	2:16	5:39	5:00
South West Acute	1:49	2:31	4:25	7:07
Type 1	2:21	2:25	6:06	6:22
Type 2	1:49	1:34	4:36	4:22
Type 3	0:34	0:37	1:34	1:39
<b>Northern Ireland</b>	<b>1:58</b>	<b>2:01</b>	<b>5:45</b>	<b>6:00</b>

Source: Regional Data Warehouse

- The median time spent in a Type 1 ED by patients who were discharged home (not admitted) was 2 hours 25 minutes in June 2016, similar to the time spent in an ED during the same month last year (2 hours 21 minutes) (Table 7, Figure 9 and Table 8G).
- In June 2016, 95 per cent of attendances were discharged home within 6 hours 22 minutes of their arrival at the Type 1 ED, 16 minutes longer than the time spent in an ED in June 2015 (6 hours 6 minutes) (Table 7, Figure 9 and Table 8G).

<sup>35</sup> Information for April, May and June 2016 is detailed in Appendix 5, Table 8G.

# Appendices

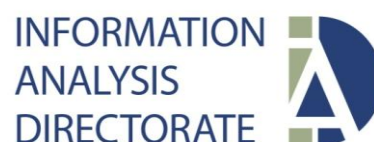
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## *Appendix 1: About Hospital Information Branch (HIB)*

Hospital Information Branch is responsible for the collection, quality assurance, analysis and publication of timely and accurate information derived from a wide range of statistical information returns supplied by the Health & Social Care (HSC) Trusts and the HSC Board. Statistical information is collected routinely from a variety of electronic patient level administrative systems and pre-defined EXCEL survey return templates.

The Branch aims to present information in a meaningful way and provide advice on its use to customers in the HSC Committee, Professional Advisory Groups, policy branches within the DoH, other Health organisations, academia, private sector organisations, charity/voluntary organisations as well as the general public. The statistical information collected is used to contribute to major exercises such as reporting on the performance of the HSC system, other comparative performance exercises, target setting and monitoring, development of service frameworks as well as policy formulation and evaluation. In addition, the information is used in response to a significantly high volume of Parliamentary / Assembly questions and ad-hoc queries each year.

Information is disseminated through a number of key statistical publications, including: Inpatient Activity, Outpatient Activity, Emergency Care, Mental Health & Learning Disability and Waiting Time Statistics (Inpatient, Outpatient, Diagnostics, Cancer and Emergency Care).



A detailed list of these publications is available to view or download at the following link:

**Website:** <https://www.health-ni.gov.uk/topics/dhssps-statistics-and-research>

## Appendix 2: Types of Emergency Care Department in Northern Ireland

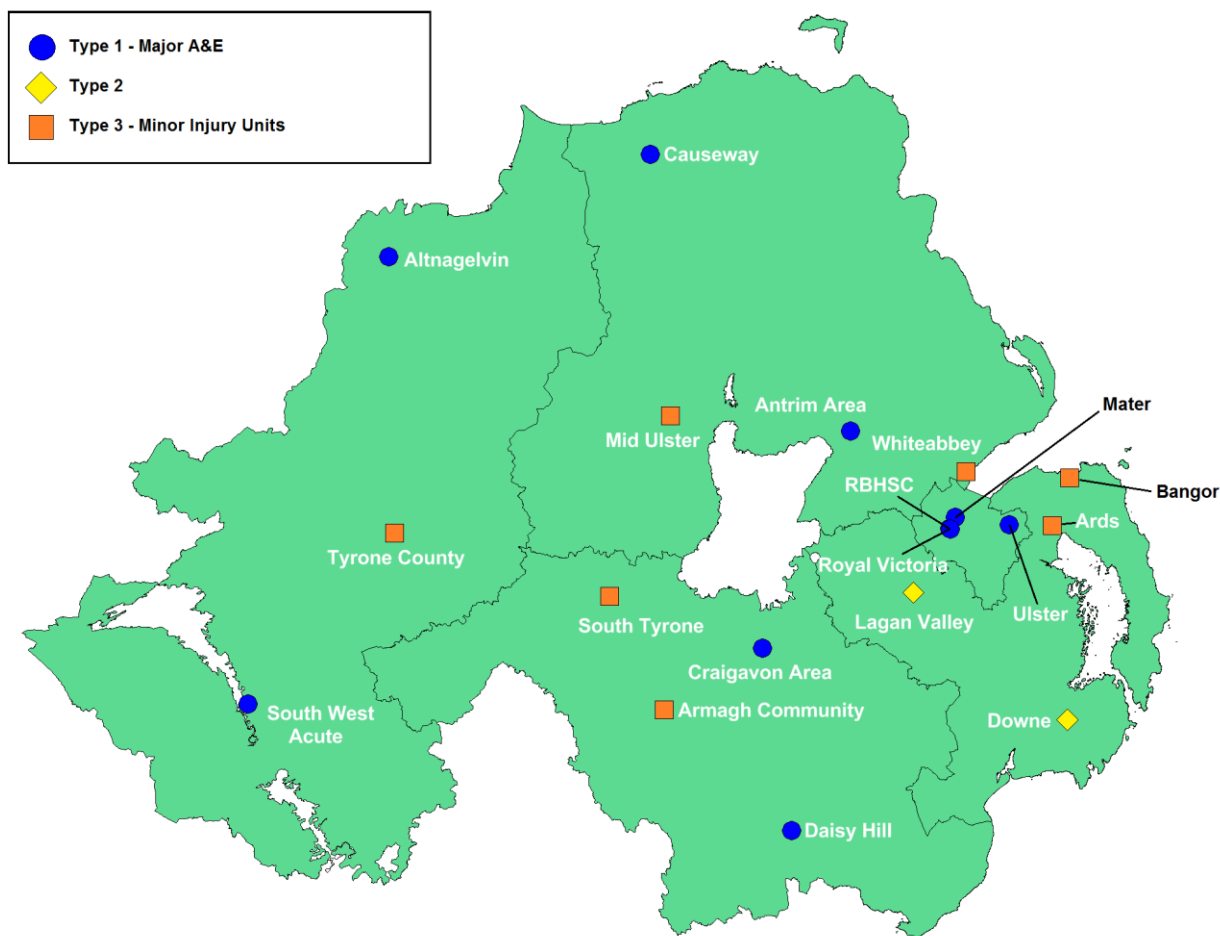
There are three separate categories of emergency care facility included in this publication:

**Type 1** departments are defined as those with a consultant-led service with designated accommodation for the reception of emergency care patients, providing both emergency medicine and emergency surgical services on a round the clock basis.

**Type 2** departments are consultant-led service with designated accommodation for the reception of emergency care patients, but which does not provide both emergency medicine and emergency surgical services and/or has time-limited opening hours.

**Type 3** departments are minor injury units with designated accommodation for the reception of patients with a minor injury and/or illness. It may be doctor or nurse-led. A defining characteristic of this service is that it treats at least minor injuries and/or illnesses and can be routinely accessed without appointment.

**Figure 12: Locations of Emergency Care Department in Northern Ireland**



## Current Categorisation of Emergency Care Departments <sup>36</sup>

HSC Trust	Type 1 (24-hour assess)	Type 2 (Limited opening hours)	Type 3 (Limited opening hours)
	Mater	RVH (ENT & RAES) <sup>37</sup> (9-5pm Mon-Fri)	
Belfast	Royal Victoria		
	RBHSC		
Northern	Antrim Area		Whiteabbey <sup>38</sup>
	Causeway		Mid Ulster (9-5pm Mon-Fri)
South Eastern	Ulster	Lagan Valley (8-8pm Mon-Fri)	Ards MIU (9-5pm Mon-Fri)
		Downe <sup>39</sup> (8-8pm Mon-Fri)	Bangor MIU (9-5pm Mon-Fri)
Southern	Craigavon Area		South Tyrone (9-9pm Mon-Fri) (10-6pm Sat-Sun)
	Daisy Hill		Armagh Community <sup>40</sup>
Western	Altnagelvin Area		Tyrone County (24-hour)
	South West Acute		

<sup>36</sup> Opening Hours are as of March 2016.

<sup>37</sup> RVH (ENT & RAES) refers to the Ear, Nose & Throat and Regional Acute Eye Services at the Royal Victoria Hospital.

<sup>38</sup> Temporarily closed on 1<sup>st</sup> December 2014.

<sup>39</sup> Currently operates as a Type 3 on Saturday and Sunday, between 9am and 5pm.

<sup>40</sup> Temporarily closed on 17<sup>th</sup> November 2014.

## *A National Statistics Publication*

National Statistics status means that official statistics meet the highest standards of trustworthiness, quality and public value.

All official statistics should comply with all aspects of the Code of Practice for Official Statistics. They are awarded National Statistics status following an assessment by the Authority's regulatory arm. The Authority considers whether the statistics meet the highest standards of Code compliance, including the value they add to public decisions and debate.

It is the DoH responsibility to maintain compliance with the standards expected of National Statistics. If we become concerned about whether these statistics are still meeting the appropriate standards, we will discuss any concerns with the Authority promptly. National Statistics status can be removed at any point when the highest standards are not maintained, and reinstated when standards are restored.

Once statistics have been designated as National Statistics it is a statutory requirement that the Code of Practice shall continue to be observed. Further information on the Code of Practice for National Statistics is available at: <http://www.statisticsauthority.gov.uk/assessment/code-of-practice/>.

A list of those who received 24-hour pre-release access to this publication is available at:

<https://www.health-ni.gov.uk/articles/emergency-care-waiting-times>

## Appendix 3: General Guidance on using the Data

### Guidance on using the Data

The data contained in this publication details a monthly analysis of emergency care waiting times in Northern Ireland.

### Description of Data

Data on the number of new and unplanned review attendances at ED's in Northern Ireland by the length of time waited. New and unplanned review attendances at ED's are used to describe unplanned activity at ED's, with new attendances referring to the first attendance and unplanned reviews referring to any subsequent unplanned attendances for the same complaint.

Information on the length of time waited is collected and refers to the time waited from arriving at the ED until the time the patient is treated and discharged, or admitted to hospital.

- Number of new and unplanned review attendances at ED's – this is the number of new and unplanned review attendances at ED's during each calendar month. **It does not include planned review attendances.**
- Lengths of time patients wait refers to the time between entering the ED and being logged in at reception until leaving the ED (treated and discharged or admitted to hospital). It should also be noted that the length of time waiting for patients who **are to be** admitted to hospital continues until they have left the ED.
- An assessment of both the number of new and unplanned review attendances and the length of time patients have waited, when compared with equivalent data for previous months, allow users to gauge the demand for emergency care services.
- Emergency care waiting times by type of department is presented to allow users to compare similar types of ED's in Northern Ireland, i.e. Type 1, 2 or 3 departments.
- Users should take into consideration, changes in the provision of emergency care services at specific sites in Northern Ireland when making comparisons with previous months. Such changes in the provision of services can be found in the document '*Emergency Care Waiting Time Statistics - Additional Guidance*' document at the following link:

**Website:** <https://www.health-ni.gov.uk/articles/emergency-care-waiting-times>

## Appendix 4: Additional Tables

**Table 8A: New & Unplanned Review Attendances at Emergency Care Departments<sup>41</sup>**

Department	New Attendances				Unplanned Review Attendances				Total Attendances			
	Jun-15	Apr-16	May-16	Jun-16	Jun-15	Apr-16	May-16	Jun-16	Jun-15	Apr-16	May-16	Jun-16
Mater	3,835	3,936	4,147	3,932	103	113	127	143	3,938	4,049	4,274	4,075
Royal Victoria	6,996	7,415	7,603	7,258	310	227	208	229	7,306	7,642	7,811	7,487
RBHSC	2,845	2,997	3,317	3,011	187	247	283	259	3,032	3,244	3,600	3,270
Antrim Area	6,299	6,563	7,017	6,514	291	333	302	389	6,590	6,896	7,319	6,903
Causeway	3,472	3,504	3,686	3,541	373	296	277	355	3,845	3,800	3,963	3,896
Ulster	7,328	7,397	7,757	7,657	209	211	232	235	7,537	7,608	7,989	7,892
Craigavon Area	6,598	6,455	6,877	6,586	494	402	428	470	7,092	6,857	7,305	7,056
Daisy Hill	3,973	4,060	4,629	4,269	276	303	294	365	4,249	4,363	4,923	4,634
Altnagelvin Area	4,614	5,009	5,254	5,229	264	303	267	311	4,878	5,312	5,521	5,540
South West Acute	2,444	2,602	2,829	2,691	156	184	198	202	2,600	2,786	3,027	2,893
<b>Type 1</b>	<b>48,404</b>	<b>49,938</b>	<b>53,116</b>	<b>50,688</b>	<b>2,663</b>	<b>2,619</b>	<b>2,616</b>	<b>2,958</b>	<b>51,067</b>	<b>52,557</b>	<b>55,732</b>	<b>53,646</b>
Downe	1,587	1,731	1,838	1,734	59	63	91	67	1,646	1,794	1,929	1,801
Lagan Valley	1,843	1,865	2,027	2,000	73	79	96	102	1,916	1,944	2,123	2,102
RVH (ENT & RAES)	-	-	-	-	-	-	-	-	1,464	1,537	1,615	1,547
<b>Type 2</b>	<b>3,430</b>	<b>3,596</b>	<b>3,865</b>	<b>3,734</b>	<b>132</b>	<b>142</b>	<b>187</b>	<b>169</b>	<b>5,026</b>	<b>5,275</b>	<b>5,667</b>	<b>5,450</b>
Mid Ulster	898	807	865	911	43	31	32	46	941	838	897	957
Ards	956	886	936	1,007	36	39	54	61	992	925	990	1,068
Bangor	897	839	877	876	41	42	37	57	938	881	914	933
South Tyrone	2,514	2,353	2,589	2,635	111	135	117	127	2,625	2,488	2,706	2,762
Tyrone County	1,539	1,377	1,580	1,512	47	48	44	56	1,586	1,425	1,624	1,568
<b>Type 3</b>	<b>6,804</b>	<b>6,262</b>	<b>6,847</b>	<b>6,941</b>	<b>278</b>	<b>295</b>	<b>284</b>	<b>347</b>	<b>7,082</b>	<b>6,557</b>	<b>7,131</b>	<b>7,288</b>
<b>Northern Ireland</b>	<b>58,638</b>	<b>59,796</b>	<b>63,828</b>	<b>61,363</b>	<b>3,073</b>	<b>3,056</b>	<b>3,087</b>	<b>3,474</b>	<b>63,175</b>	<b>64,389</b>	<b>68,530</b>	<b>66,384</b>

<sup>41</sup> Readers should note that those on an ambulatory care pathway delivered outside the ED are not included in these waiting time statistics.



**Table 8B: Performance against Emergency Care Waiting Times Target <sup>42</sup>**

Department	4-Hour Performance				12-Hour Performance				Total Attendances			
	Jun-15	Apr-16	May-16	Jun-16	Jun-15	Apr-16	May-16	Jun-16	Jun-15	Apr-16	May-16	Jun-16
Mater	77.3%	72.5%	72.5%	78.0%	21	44	39	11	3,938	4,049	4,274	4,075
Royal Victoria	68.0%	58.5%	59.2%	61.8%	74	92	52	61	7,306	7,642	7,811	7,487
RBHSC	94.5%	88.8%	87.9%	89.2%	0	0	0	0	3,032	3,244	3,600	3,270
Antrim Area	62.7%	64.6%	64.7%	65.8%	5	57	79	84	6,590	6,896	7,319	6,903
Causeway	68.2%	61.3%	64.9%	59.7%	0	17	8	12	3,845	3,800	3,963	3,896
Ulster	72.2%	71.3%	75.7%	74.2%	133	158	66	63	7,537	7,608	7,989	7,892
Craigavon Area	73.2%	68.6%	67.3%	66.6%	0	77	59	19	7,092	6,857	7,305	7,056
Daisy Hill	82.3%	77.8%	75.4%	76.5%	0	5	4	5	4,249	4,363	4,923	4,634
Altnagelvin Area	72.2%	67.6%	72.3%	75.6%	0	31	6	2	4,878	5,312	5,521	5,540
South West Acute	90.0%	76.7%	73.2%	69.0%	0	18	21	12	2,600	2,786	3,027	2,893
<b>Type 1</b>	<b>73.7%</b>	<b>69.1%</b>	<b>70.1%</b>	<b>70.6%</b>	<b>233</b>	<b>499</b>	<b>334</b>	<b>269</b>	<b>51,067</b>	<b>52,557</b>	<b>55,732</b>	<b>53,646</b>
Downe	92.8%	89.5%	92.4%	92.3%	3	12	8	12	1,646	1,794	1,929	1,801
Lagan Valley	88.4%	92.2%	90.8%	88.3%	0	1	0	0	1,916	1,944	2,123	2,102
RVH (ENT & RAES)	100.0%	100.0%	100.0%	100.0%	0	0	0	0	1,464	1,537	1,615	1,547
<b>Type 2</b>	<b>93.2%</b>	<b>93.6%</b>	<b>94.0%</b>	<b>93.0%</b>	<b>3</b>	<b>13</b>	<b>8</b>	<b>12</b>	<b>5,026</b>	<b>5,275</b>	<b>5,667</b>	<b>5,450</b>
Mid Ulster	100.0%	100.0%	100.0%	100.0%	0	0	0	0	941	838	897	957
Ards	100.0%	100.0%	100.0%	100.0%	0	0	0	0	992	925	990	1,068
Bangor	100.0%	100.0%	100.0%	100.0%	0	0	0	0	938	881	914	933
South Tyrone	100.0%	100.0%	100.0%	100.0%	0	0	0	0	2,625	2,488	2,706	2,762
Tyrone County	99.7%	99.5%	99.9%	99.2%	0	0	0	0	1,586	1,425	1,624	1,568
<b>Type 3</b>	<b>99.9%</b>	<b>99.9%</b>	<b>100.0%</b>	<b>99.8%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,082</b>	<b>6,557</b>	<b>7,131</b>	<b>7,288</b>
<b>Northern Ireland</b>	<b>78.2%</b>	<b>74.3%</b>	<b>75.2%</b>	<b>75.6%</b>	<b>236</b>	<b>512</b>	<b>342</b>	<b>281</b>	<b>63,175</b>	<b>64,389</b>	<b>68,530</b>	<b>66,384</b>

<sup>42</sup> Readers should note that those on an ambulatory care pathway delivered outside the ED are not included in these waiting time statistics.

**Table 8C: Percentage of Attendances (i) Referred by a GP; (ii) Re-attended with 7 Days; and (iii) Who Left before Treatment was Complete <sup>43</sup>**

Department	GP Referrals				Left before Treatment Complete				Unplanned Re-attendance with 7 Days			
	Jun-15	Apr-16	May-16	Jun-16	Jun-15	Apr-16	May-16	Jun-16	Jun-15	Apr-16	May-16	Jun-16
Mater	12.1%	13.4%	12.6%	12.8%	7.4%	7.0%	7.7%	5.7%	1.7%	2.0%	2.0%	2.5%
Royal Victoria	18.1%	18.8%	18.3%	18.3%	5.6%	7.0%	7.7%	7.1%	2.6%	2.0%	1.9%	2.1%
RBHSC	15.0%	13.4%	12.3%	12.9%	1.9%	3.5%	4.4%	4.1%	4.2%	5.0%	5.7%	5.6%
Antrim Area	20.6%	20.0%	20.0%	19.0%	3.9%	2.5%	3.0%	3.8%	3.4%	3.5%	2.9%	3.9%
Causeway	19.5%	19.1%	18.2%	20.0%	6.4%	8.4%	7.3%	10.0%	6.9%	6.2%	5.4%	7.1%
Ulster	21.8%	23.8%	23.1%	23.6%	3.7%	2.5%	2.6%	2.6%	2.0%	1.9%	2.1%	2.2%
Craigavon Area	21.1%	23.4%	21.8%	22.5%	3.7%	3.5%	4.0%	4.6%	4.5%	3.9%	3.7%	4.6%
Daisy Hill	14.0%	14.5%	12.9%	12.2%	4.3%	4.3%	5.1%	5.4%	5.1%	5.3%	4.5%	6.0%
Altnagelvin Area	11.1%	12.4%	11.3%	11.7%	6.4%	5.3%	5.0%	4.9%	4.3%	4.2%	3.3%	4.1%
South West Acute	12.9%	18.6%	15.6%	17.4%	3.5%	2.1%	3.0%	3.7%	5.6%	6.0%	6.2%	6.6%
<b>Type 1</b>	<b>17.6%</b>	<b>18.5%</b>	<b>17.5%</b>	<b>17.8%</b>	<b>4.7%</b>	<b>4.5%</b>	<b>4.9%</b>	<b>5.0%</b>	<b>3.7%</b>	<b>3.6%</b>	<b>3.4%</b>	<b>4.0%</b>
Downe	12.6%	14.6%	14.0%	13.8%	1.4%	1.3%	1.5%	0.9%	2.3%	2.1%	3.2%	2.1%
Lagan Valley	13.8%	15.4%	12.9%	13.8%	3.5%	1.7%	1.7%	1.6%	2.4%	2.2%	2.9%	2.8%
RVH (ENT & RAES)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Type 2</b>	<b>13.3%</b>	<b>15.0%</b>	<b>13.5%</b>	<b>13.8%</b>	<b>2.5%</b>	<b>1.5%</b>	<b>1.6%</b>	<b>1.3%</b>	<b>2.4%</b>	<b>2.2%</b>	<b>3.0%</b>	<b>2.5%</b>
Mid Ulster	1.6%	2.3%	1.6%	2.3%	0.2%	0.2%	0.8%	0.5%	1.6%	1.8%	2.1%	2.3%
Ards	1.2%	1.0%	0.4%	0.5%	0.4%	0.2%	0.5%	0.1%	1.9%	1.7%	2.5%	2.5%
Bangor	0.9%	0.6%	0.4%	0.5%	1.4%	1.3%	1.5%	0.9%	2.5%	2.7%	2.4%	2.6%
South Tyrone	0.9%	0.4%	0.6%	0.4%	0.5%	0.6%	0.4%	0.5%	2.4%	3.0%	2.3%	2.3%
Tyrone County	1.8%	1.8%	1.2%	1.4%	0.8%	1.2%	0.9%	1.4%	2.1%	2.4%	1.8%	2.6%
<b>Type 3</b>	<b>1.2%</b>	<b>1.1%</b>	<b>0.8%</b>	<b>0.9%</b>	<b>0.5%</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.7%</b>	<b>2.2%</b>	<b>2.5%</b>	<b>2.2%</b>	<b>2.4%</b>
<b>Northern Ireland</b>	<b>15.4%</b>	<b>16.5%</b>	<b>15.5%</b>	<b>15.7%</b>	<b>4.1%</b>	<b>3.9%</b>	<b>4.2%</b>	<b>4.3%</b>	<b>3.5%</b>	<b>3.4%</b>	<b>3.3%</b>	<b>3.8%</b>

<sup>43</sup> Data on referrals to ED by GP's, Left before treatment complete and unplanned re-attendances are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

**Table 8D: Waiting Time from Arrival to Triage (Assessment) <sup>44</sup>**

Department	Median				95 <sup>th</sup> Percentile			
	Jun-15	Apr-16	May-16	Jun-16	Jun-15	Apr-16	May-16	Jun-16
Mater	0:08	0:08	0:09	0:07	0:25	0:25	0:28	0:23
Royal Victoria	0:13	0:09	0:10	0:09	0:44	0:34	0:35	0:32
RBHSC	0:08	0:12	0:13	0:11	0:32	0:45	0:48	0:48
Antrim Area	0:07	0:08	0:08	0:07	0:21	0:23	0:22	0:23
Causeway	0:11	0:11	0:10	0:11	0:36	0:38	0:31	0:39
Ulster	0:09	0:09	0:08	0:08	0:27	0:28	0:24	0:24
Craigavon Area	0:08	0:09	0:09	0:08	0:30	0:32	0:30	0:30
Daisy Hill	0:07	0:05	0:07	0:06	0:27	0:17	0:17	0:19
Altnagelvin Area	0:10	0:14	0:13	0:13	0:27	0:44	0:36	0:44
South West Acute	0:09	0:13	0:15	0:15	0:35	0:47	1:04	1:17
<b>Type 1</b>	<b>0:09</b>	<b>0:09</b>	<b>0:09</b>	<b>0:09</b>	<b>0:32</b>	<b>0:34</b>	<b>0:34</b>	<b>0:34</b>
Downe	0:05	0:05	0:05	0:06	0:20	0:16	0:16	0:19
Lagan Valley	0:06	0:07	0:08	0:07	0:27	0:18	0:18	0:20
RVH (ENT & RAES)	-	-	-	-	-	-	-	-
<b>Type 2</b>	<b>0:06</b>	<b>0:06</b>	<b>0:06</b>	<b>0:06</b>	<b>0:18</b>	<b>0:17</b>	<b>0:17</b>	<b>0:20</b>
Mid Ulster	0:02	0:02	0:03	0:03	0:09	0:08	0:10	0:09
Ards	0:04	0:03	0:03	0:03	0:16	0:14	0:15	0:14
Bangor	0:04	0:05	0:04	0:04	0:19	0:21	0:19	0:17
South Tyrone	0:02	0:01	0:01	0:01	0:12	0:08	0:10	0:12
Tyrone County	0:00	0:00	0:00	0:00	0:25	0:15	0:25	0:20
<b>Type 3</b>	<b>0:02</b>	<b>0:01</b>	<b>0:02</b>	<b>0:02</b>	<b>0:15</b>	<b>0:13</b>	<b>0:15</b>	<b>0:13</b>
<b>Northern Ireland</b>	<b>0:08</b>	<b>0:08</b>	<b>0:08</b>	<b>0:08</b>	<b>0:30</b>	<b>0:33</b>	<b>0:32</b>	<b>0:32</b>

<sup>44</sup> Data on time to triage are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

**Table 8E: Waiting Time from Triage (Assessment) to Start of Treatment <sup>45</sup>**

Department	Median				95 <sup>th</sup> Percentile			
	Jun-15	Apr-16	May-16	Jun-16	Jun-15	Apr-16	May-16	Jun-16
Mater	0:56	0:47	0:53	0:44	4:09	4:06	4:00	3:39
Royal Victoria	0:56	0:58	1:05	0:55	3:32	4:56	5:03	4:35
RBHSC	0:49	0:57	0:52	0:55	2:24	2:54	2:55	2:40
Antrim Area	1:23	1:23	1:25	1:19	5:39	5:07	5:00	5:01
Causeway	0:42	1:04	1:02	1:20	4:23	5:26	4:37	5:15
Ulster	0:55	0:44	0:40	0:47	3:31	3:06	2:56	3:06
Craigavon Area	1:17	1:17	1:17	1:27	3:47	3:36	3:53	3:56
Daisy Hill	0:54	1:06	1:07	0:54	3:08	3:36	3:53	3:50
Altnagelvin Area	1:02	0:49	0:37	0:47	3:33	3:12	2:43	2:47
South West Acute	0:27	0:26	0:32	0:31	2:21	2:09	2:29	3:00
<b>Type 1</b>	<b>0:59</b>	<b>0:57</b>	<b>0:54</b>	<b>0:57</b>	<b>3:50</b>	<b>3:58</b>	<b>3:58</b>	<b>3:56</b>
Downe	0:35	0:29	0:28	0:26	2:08	1:52	2:05	1:46
Lagan Valley	0:45	0:29	0:32	0:31	2:40	1:57	2:08	2:24
RVH (ENT & RAES)	-	-	-	-	-	-	-	-
<b>Type 2</b>	<b>0:40</b>	<b>0:29</b>	<b>0:30</b>	<b>0:29</b>	<b>2:29</b>	<b>1:54</b>	<b>2:06</b>	<b>2:08</b>
Mid Ulster	0:06	0:06	0:09	0:07	0:39	0:43	0:55	0:56
Ards	0:06	0:06	0:07	0:07	0:35	0:36	0:46	0:34
Bangor	0:05	0:04	0:04	0:03	0:42	0:34	0:34	0:31
South Tyrone	0:01	0:01	0:01	0:01	0:27	0:32	0:34	0:32
Tyrone County	0:15	0:10	0:10	0:14	1:21	1:15	1:15	1:30
<b>Type 3</b>	<b>0:05</b>	<b>0:05</b>	<b>0:05</b>	<b>0:05</b>	<b>0:49</b>	<b>0:45</b>	<b>0:52</b>	<b>0:52</b>
<b>Northern Ireland</b>	<b>0:48</b>	<b>0:45</b>	<b>0:44</b>	<b>0:45</b>	<b>3:37</b>	<b>3:44</b>	<b>3:42</b>	<b>3:41</b>

<sup>45</sup> Data on time to start of treatment are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

**Table 8F: Time Spent in an Emergency Care Department by those Admitted to Hospital <sup>46</sup>**

Department	Median (Admitted)				95 <sup>th</sup> Percentile (Admitted)			
	Jun-15	Apr-16	May-16	Jun-16	Jun-15	Apr-16	May-16	Jun-16
Mater	3:46	4:58	4:43	3:58	10:39	11:52	11:55	9:51
Royal Victoria	4:49	6:46	6:24	6:31	11:28	11:52	11:48	11:45
RBHSC	2:46	3:04	3:16	3:22	5:22	6:13	7:00	6:40
Antrim Area	5:46	6:16	6:29	6:21	11:03	11:49	11:58	11:57
Causeway	6:55	6:45	6:49	6:35	11:31	11:43	11:37	11:33
Ulster	5:22	5:19	4:39	4:42	14:52	15:01	10:52	11:22
Craigavon Area	4:19	5:42	5:43	5:28	9:28	11:58	11:54	11:48
Daisy Hill	3:39	5:03	5:03	5:01	7:42	11:12	10:55	11:24
Altnagelvin Area	5:04	6:31	6:09	5:04	9:21	11:49	10:58	10:04
South West Acute	3:09	4:10	4:43	4:46	5:58	10:10	9:45	9:52
<b>Type 1</b>	<b>4:39</b>	<b>5:37</b>	<b>5:28</b>	<b>5:16</b>	<b>11:03</b>	<b>11:52</b>	<b>11:39</b>	<b>11:28</b>
Downe	3:28	4:58	4:31	3:49	7:01	18:43	9:01	18:58
Lagan Valley	3:43	3:45	3:57	4:25	7:04	7:45	7:13	8:22
RVH (ENT & RAES)	-	-	-	-	-	-	-	-
<b>Type 2</b>	<b>3:40</b>	<b>3:59</b>	<b>3:58</b>	<b>4:07</b>	<b>7:03</b>	<b>10:04</b>	<b>7:42</b>	<b>9:28</b>
Mid Ulster	-	-	-	-	-	-	-	-
Ards	-	-	-	-	-	-	-	-
Bangor	-	-	-	-	-	-	-	-
South Tyrone	-	-	-	-	-	-	-	-
Tyrone County	0:10	0:10	0:14	0:10	0:57	0:55	1:09	0:34
<b>Type 3</b>	<b>0:10</b>	<b>0:10</b>	<b>0:14</b>	<b>0:10</b>	<b>0:57</b>	<b>0:55</b>	<b>1:09</b>	<b>0:34</b>
<b>Northern Ireland</b>	<b>4:34</b>	<b>5:34</b>	<b>5:24</b>	<b>5:13</b>	<b>11:01</b>	<b>11:52</b>	<b>11:37</b>	<b>11:28</b>

<sup>46</sup> Data on time spent in ED for those admitted and those discharged home are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

**Table 8G: Time Spent in an Emergency Care Department by those Discharged Home <sup>47</sup>**

Department	Median (Non-Admitted)				95 <sup>th</sup> Percentile (Non-Admitted)			
	Jun-15	Apr-16	May-16	Jun-16	Jun-15	Apr-16	May-16	Jun-16
Mater	2:31	2:25	2:30	2:13	6:04	6:39	6:01	5:40
Royal Victoria	2:39	3:00	3:07	2:55	6:40	8:19	8:07	7:49
RBHSC	1:55	2:12	2:09	2:09	3:57	4:45	4:37	4:24
Antrim Area	2:46	2:40	2:42	2:31	7:34	7:13	7:19	7:22
Causeway	2:07	2:39	2:34	2:55	6:37	7:42	6:51	7:36
Ulster	2:12	2:09	1:55	2:04	5:56	5:40	5:09	5:22
Craigavon Area	2:34	2:39	2:34	2:46	5:49	5:49	6:01	6:04
Daisy Hill	2:04	2:10	2:16	2:07	5:15	5:19	6:01	5:45
Altnagelvin Area	2:16	2:31	2:07	2:16	5:39	6:10	5:40	5:00
South West Acute	1:49	2:13	2:28	2:31	4:25	5:28	6:15	7:07
<b>Type 1</b>	<b>2:21</b>	<b>2:28</b>	<b>2:25</b>	<b>2:25</b>	<b>6:06</b>	<b>6:34</b>	<b>6:27</b>	<b>6:22</b>
Downe	1:28	1:16	1:13	1:19	3:55	4:22	3:52	3:58
Lagan Valley	2:09	1:46	1:46	1:48	4:49	4:00	4:10	4:31
RVH (ENT & RAES)	-	-	-	-	-	-	-	-
<b>Type 2</b>	<b>1:49</b>	<b>1:31</b>	<b>1:31</b>	<b>1:34</b>	<b>4:36</b>	<b>4:16</b>	<b>3:58</b>	<b>4:22</b>
Mid Ulster	0:34	0:39	0:45	0:40	1:16	1:25	1:40	1:37
Ards	0:36	0:37	0:40	0:37	1:36	1:25	1:43	1:27
Bangor	0:37	0:34	0:36	0:34	1:24	1:22	1:30	1:18
South Tyrone	0:31	0:28	0:33	0:34	1:21	1:16	1:27	1:24
Tyrone County	0:45	0:40	0:43	0:43	2:04	2:01	2:00	2:25
<b>Type 3</b>	<b>0:34</b>	<b>0:34</b>	<b>0:37</b>	<b>0:37</b>	<b>1:34</b>	<b>1:31</b>	<b>1:40</b>	<b>1:39</b>
<b>Northern Ireland</b>	<b>1:58</b>	<b>2:06</b>	<b>2:03</b>	<b>2:01</b>	<b>5:45</b>	<b>6:13</b>	<b>6:07</b>	<b>6:00</b>

<sup>47</sup> Data on time spent in ED for those admitted and those discharged home are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

**Table 8H: Attendances at Emergency Care Departments  
per 1000-Population by Age Group <sup>48, 49</sup>**

Age Group	Jun-15	Apr-16	May-16	Jun-16
Under 5	40	41	46	41
Aged 5 - 15	33	33	37	35
Aged 16 - 44	32	33	34	33
Aged 45 - 64	28	28	30	30
Aged 65 - 84	39	40	43	42
Aged 85 & Over	70	74	78	77
<b>Northern Ireland</b>	<b>34</b>	<b>34</b>	<b>36</b>	<b>35</b>

**Table 8I: Average Number of Attendances by Day of Week <sup>50</sup>**

Age Group	Jun-15	Apr-16	May-16	Jun-16
Monday	2,444	2,054	3,094	2,587
Tuesday	2,095	1,758	2,878	2,350
Wednesday	2,107	2,198	2,245	2,209
Thursday	2,083	2,158	2,191	2,066
Friday	2,050	2,211	1,734	2,241
Saturday	1,664	2,681	1,403	1,769
Sunday	1,849	1,656	2,401	1,920

<sup>48</sup> Excludes RVH (ENT & RAES) attendances.

<sup>49</sup> Data on the age of those attending ED are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.

<sup>50</sup> Data on when patients attend ED are not National Statistics, but have been published to provide users with a comprehensive view of emergency care activity and waits.



**Table 8J: Attendances at Emergency Care Departments, by Time Waited from Arrival to Discharge<sup>51</sup>**

Department	Under 4 Hours				Between 4 and 12 Hours				Over 12 Hours			
	Jun-15	Apr-16	May-16	Jun-16	Jun-15	Apr-16	May-16	Jun-16	Jun-15	Apr-16	May-16	Jun-16
Mater	3,045	2,935	3,098	3,179	872	1,070	1,137	885	21	44	39	11
Royal Victoria	4,971	4,474	4,623	4,629	2,261	3,076	3,136	2,797	74	92	52	61
RBHSC	2,866	2,882	3,166	2,916	166	362	434	354	0	0	0	0
Antrim Area	4,132	4,458	4,733	4,539	2,453	2,381	2,507	2,280	5	57	79	84
Causeway	2,623	2,328	2,573	2,325	1,222	1,455	1,382	1,559	0	17	8	12
Ulster	5,440	5,425	6,044	5,854	1,964	2,025	1,879	1,975	133	158	66	63
Craigavon Area	5,194	4,702	4,917	4,702	1,898	2,078	2,329	2,335	0	77	59	19
Daisy Hill	3,499	3,395	3,711	3,544	750	963	1,208	1,085	0	5	4	5
Altnagelvin Area	3,522	3,592	3,989	4,191	1,359	1,689	1,526	1,347	0	31	6	2
South West Acute	2,339	2,138	2,215	1,996	261	630	791	885	0	18	21	12
<b>Type 1</b>	<b>37,631</b>	<b>36,329</b>	<b>39,069</b>	<b>37,875</b>	<b>13,206</b>	<b>15,729</b>	<b>16,329</b>	<b>15,502</b>	<b>233</b>	<b>499</b>	<b>334</b>	<b>269</b>
Downe	1,527	1,605	1,782	1,663	116	177	139	126	3	12	8	12
Lagan Valley	1,694	1,793	1,928	1,856	222	150	195	246	0	1	0	0
RVH (ENT & RAES)	1,464	1,537	1,615	1,547	0	0	0	0	0	0	0	0
<b>Type 2</b>	<b>4,685</b>	<b>4,935</b>	<b>5,325</b>	<b>5,066</b>	<b>338</b>	<b>327</b>	<b>334</b>	<b>372</b>	<b>3</b>	<b>13</b>	<b>8</b>	<b>12</b>
Mid Ulster	941	838	897	957	0	0	0	0	0	0	0	0
Ards	992	925	990	1,068	0	0	0	0	0	0	0	0
Bangor	938	881	914	933	0	0	0	0	0	0	0	0
South Tyrone	2,624	2,488	2,706	2,762	1	0	0	0	0	0	0	0
Tyrone County	1,583	1,418	1,623	1,556	4	7	1	12	0	0	0	0
<b>Type 3</b>	<b>7,078</b>	<b>6,550</b>	<b>7,130</b>	<b>7,276</b>	<b>5</b>	<b>7</b>	<b>1</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Northern Ireland</b>	<b>49,394</b>	<b>47,814</b>	<b>51,524</b>	<b>50,217</b>	<b>13,549</b>	<b>16,063</b>	<b>16,664</b>	<b>15,886</b>	<b>236</b>	<b>512</b>	<b>342</b>	<b>281</b>

<sup>51</sup> Readers should note that those on an ambulatory care pathway delivered outside the ED are not included in these waiting time statistics.

## Appendix 5: Further Information

**Further information** on Emergency Care Waiting Time Statistics, is available from:

**Mr. Paul Stevenson**

Hospital Information Branch  
Information & Analysis Directorate  
Department of Health  
Stormont Estate  
Belfast, BT4 3SQ

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**This Statistical bulletin and others published by Information and Analysis Directorate are available to download from the DoH Internet site at:**

Internet address: <https://www.health-ni.gov.uk/topics/dhssps-statistics-and-research>