

| Report to: | Public Board of Directors | Agenda item: | 15 |
|------------------|---------------------------|--------------|----|
| Date of Meeting: | 30 January 2019 | | |

| Title of Report: | Four Hour Improvement Plan 2018/19 |
|-----------------------|--|
| Status: | For Action |
| Board Sponsor: | Francesca Thompson, Chief Operating Officer |
| Author: | Sarah Hudson, Divisional Manager Medicine |
| | Claire Croxton, Deputy Divisional Manager Medicine |

1. Executive Summary of the Report

To update the Board of Directors on the 2018/19 RUH Urgent Care Collaborative Board programme performance. The report reflects information up to and including the 31st December 2018.

2. Recommendations (Note, Approve, Discuss)

The Board of Directors are asked to note the following:

- December 2018 four hour performance not achieved 81.4% (All Types)
- Performance did not meet the performance improvement trajectory of 90.0% noted achieved improvement from last month

Factors affecting performance

- Ambulance conveyance activity +6.0% variance compared to 2017/18 up to week ending 30/12/18
- Emergency presentations +6.5% year to date variance compared to last financial year
- Emergency Department attendances +4.6% year to date variance compared to last financial year
- There was a total of 380 beds closed in December due to infection (350 Norovirus & 30 Flu)
- The were 26 reported DTOCs in the December month end snapshot and 752 delayed days (4.3% reported)

Areas for improvement in January 2019

- Delivery of the weekly actions within the system wide 4 hour improvement plan including those to deliver the "10 by 10" objective
- Weekly urgent care performance meeting reinforcing action delivery against the 4 hour improvement plan
- Improvement work that commenced in November to support Fit to Sit in the ED Observation Unit continues.
- Continued focus and improvement with ED 15 minute Time to Triage quality standard
- Review triggers for escalation for senior clinician review, ED and Medicine

| Authors :Sarah Hudson, Divisional Manager Medicine & Claire Croxton, Deputy Divisional Manager Medicine | Date: 15 January 2019 Version: v1 |
|---|--------------------------------------|
| Document Approved by: Francesca Thompson, Chief Operating Officer | |
| Agenda Item: 15 | |

- Frailty Summit Task & Finish Group to commence in January to review options around ACE Ward
- System wide focus on patients with a length of stay of > 21 days, supported by the Integrated Discharge Service and Business Intelligence with daily reporting
- ECIST recommended '6As' Audit to take place during January

An additional slide has been added to the end of the presentation, which outlines the Christmas and New Year performance for 2018 compared to 2017.

3. Legal / Regulatory Implications

Care Quality Commission (CQC) Registration

4. Risk (Threats or opportunities, link to a risk on the Risk Register, Board Assurance Framework etc.)

The 4 hour performance is currently on the risk register ID: 634

5. Resources Implications (Financial / staffing)

Any requests for investment linked to this programme will continue to be reviewed monthly by the Urgent Care Collaborative Board and as directed by the Board, business cases taken through the usual Trust process.

6. Equality and Diversity

All services are delivered in line with the Trust's Equality and Diversity Policy.

7. References to previous reports

Monthly 4 hour performance reports and ECIP Recommendations.

8. Freedom of Information

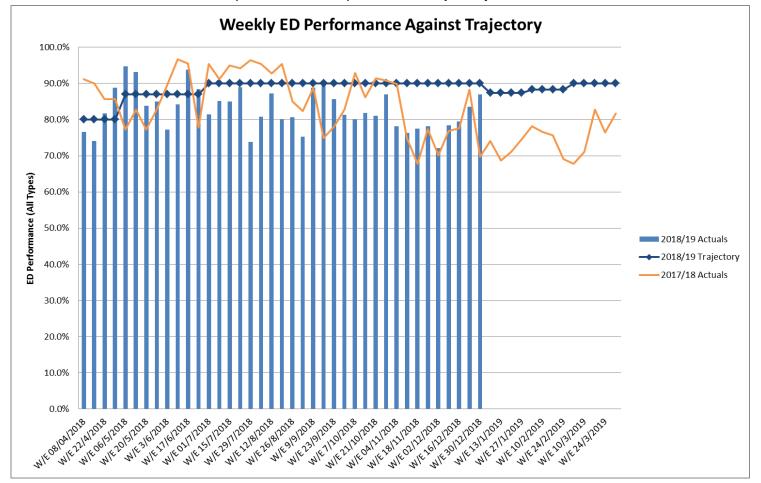
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1. RUH 4 Hour Performance: December 2018 Month 9

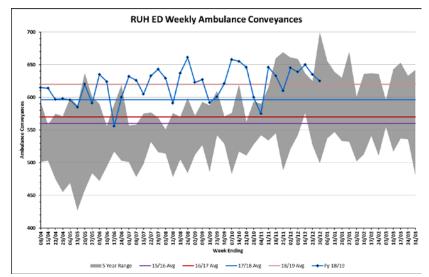
Improvement Trajectory – Category 4

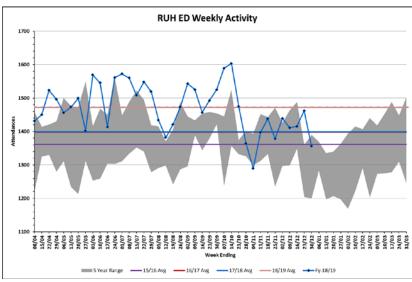
- December 2018 four hour performance not achieved 81.4% (All Types)
- Performance did not meet the performance improvement trajectory of 90.0%



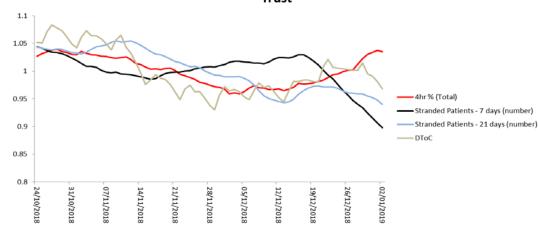
Key Diagnostics

- Ambulance conveyance activity +6.0% year to date variance compared to 2017/18 (w/e 30/12/18)
- Emergency presentations +6.5% year to date variance compared to last financial year (w/e 30/12/18)
- Emergency Department attendances +4.6% year to date variance compared to last financial year (w/e 30/12/18)
- In December there was a total of 380 beds closed due to infection (350 Norovirus & 30 Flu) with 30 closed & empty (23 Norovirus & 7 Flu)
- There were 26 patients reported DTOCs in the December month end snapshot and 752 delayed days (4.3% reported)





Metric comparison for Royal United Hospitals Bath NHS Foundation
Trust





Urgent Care Improvement Plan

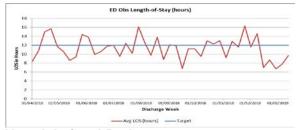
The 4 hour improvement plan is focused on three key areas of focus

- 1) Emergency Department Leadership
- 2) Capacity Management
- 3) Length of Stay Ambitions

Emergency Department Leadership

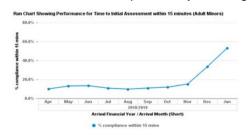
Emergency Department Observation Unit

Fit to Sit pilot commenced 28th November. Conversion of 2 beds to 4 chairs to increase throughput and support decrease in length of stay. Average length of stay reduced from 12.7 hours in November to 9.4 hours in December.



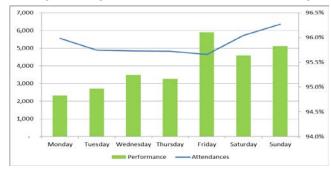
Non-Admitted Pathways

Focus to reduce the number of patients who are not admitted but breach the 4 hour standard. Senior Nurse structure implemented w/c 17/12/18 with responsibility for triaging in minors



4 Hour Performance Minors

YTD performance is currently at 95.4%. This has improved since July 2018. There is variation in the day of the week performance which is being investigated and will be actioned through the ED Big Room



2019-20 Work Plan

Urgent Care weekly monitoring group reviewing 2019-20 Work Plan during planning session on 17th January

Capacity Management

Winter Elective Plan – Philip Yeoman (PY) Quarter 4

Model of care in place and working well. PY ward transferred from T&O elective care to non-elective care (trauma and OPU patients) to ensure the safety and flow of patients is maximised.

Direct admissions to MAU

PDSA which commenced in October to run MAU Area B as an assessment area has been positive.



Capacity Management (Patient Flow Management) System

This will aid bed declaration and improve the flow of patients throughout the Trust. Project Group established and process mapping commenced through workshops held with Cerner on 9th & 10th January.

Length of Stay Ambitions

Reduction in 21 Day Length of Stay

Monthly 'Expert Panels' commenced in June which encourages system-wide focus on patients with a length of stay over 21 days.

The average number of patients has reduced from 116 in April to 83 in December 2018.



Home First Expansion

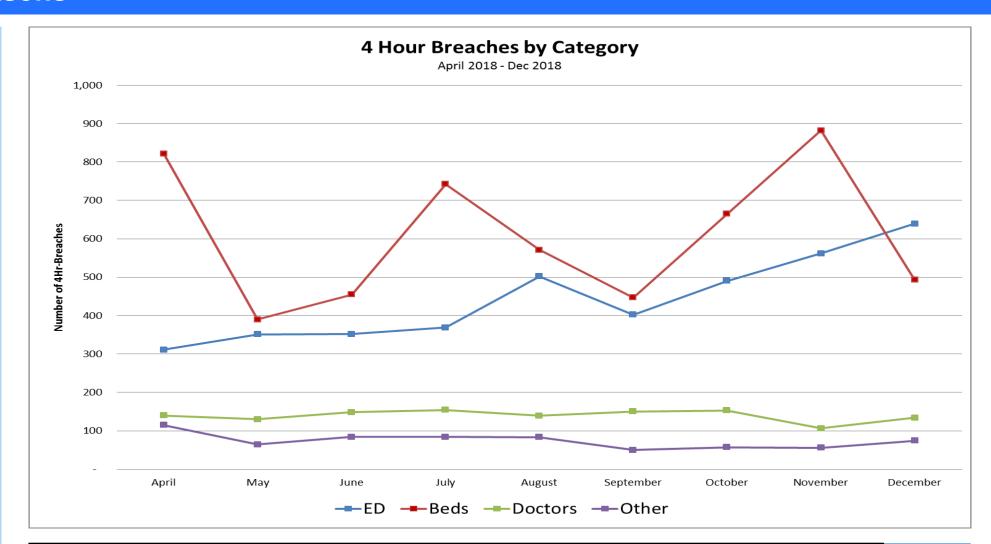
The capacity for Home First has expanded throughout the year, which has seen a significant increase in the numbers of patients being referred; average per week increased from 38 in May to 52 in December.



2. Four Hour Breach Reasons

Factors Influencing Breaches

- Sustained high levels of ambulance arrivals in month with a particular spike mid-December resulting in very high numbers of ED Delay breaches
- Bed occupancy 93.3% resulting in bed breaches
- 380 beds closed due to infection
- Flow and 4 hour performance negatively impacted by
 - High bed occupancy
 - High ambulance arrivals
 - High Emergency Department delays
 - >21 length of stay patients
 - DTOC
- The Trust declared OPEL 4 on 3 occasions in month and 2 days in OPEL 5 (ISI) with rapid recovery
- A system wide 4 hour performance improvement plan is in place which has been recently revised. Weekly monitoring via the Urgent Care Task and Finish Group

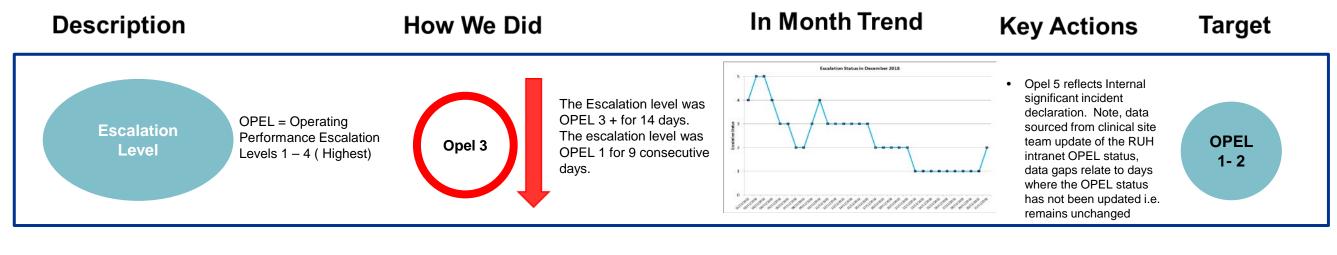


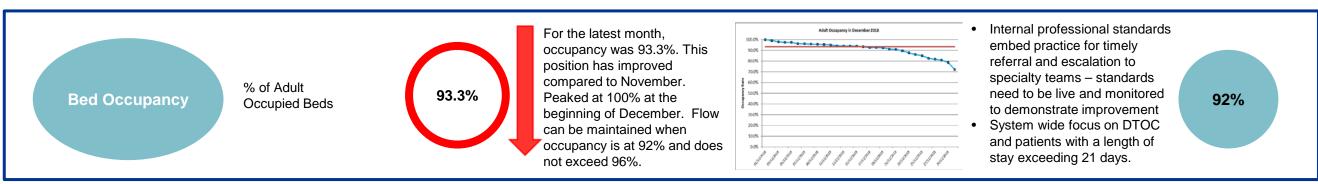
| Category | Breach Reason | April | May | June | July | August | September | October | November | December | January | February | March | YTD | YTD % |
|----------------|-----------------------------------|-------|-----|-------|-------|--------|-----------|---------|----------|----------|---------|----------|-------|--------|-------|
| ED | ED Delays | 234 | 242 | 281 | 260 | 416 | 332 | 410 | 520 | 579 | | | | 3,274 | 29% |
| ED | Clinical Exception | 77 | 109 | 71 | 109 | 86 | 70 | 80 | 42 | 60 | | | | 704 | 6% |
| | Medical Bed | 591 | 313 | 344 | 608 | 471 | 375 | 565 | 748 | 381 | | | | 4,396 | 39% |
| | Surgical Bed | 118 | 21 | 39 | 35 | 26 | 15 | 30 | 28 | 24 | | | | 336 | 3% |
| | Observation Bed | 20 | 14 | 9 | 22 | 14 | 11 | 11 | 8 | 18 | | | | 127 | 1% |
| Beds | Paediatric Bed | 3 | - | 2 | 4 | | | 5 | 9 | 3 | | | | 26 | 0% |
| Deus | Side Room | 49 | 31 | 39 | 48 | 40 | 31 | 40 | 68 | 52 | | | | 398 | 4% |
| | Orthopaedic Bed | 41 | 10 | 21 | 18 | 18 | 14 | 12 | 19 | 13 | | | | 166 | 1% |
| | Medical Bed Gender | | 1 | 1 | 7 | 2 | 1 | 2 | | 1 | | | | 15 | 0% |
| | Surgical Bed Gender | | | | | | | | 2 | 1 | | | | | |
| | Medical Doctor | 36 | 34 | 38 | 30 | 37 | 41 | 27 | 30 | 57 | | | | 330 | 3% |
| | Surgical Doctor | 30 | 12 | 15 | 9 | 10 | 12 | 12 | 9 | 9 | | | | 118 | 1% |
| Doctors | Ortho Doctor | 26 | 29 | 37 | 34 | 34 | 44 | 24 | 17 | 9 | | | | 254 | 2% |
| | Mental Health | 18 | 34 | 27 | 42 | 35 | 22 | 52 | 29 | 33 | | | | 292 | 3% |
| | Radiology | 30 | 21 | 31 | 39 | 23 | 31 | 38 | 21 | 26 | | | | 260 | 2% |
| | Other | 87 | 59 | 71 | 77 | 76 | 48 | 52 | 42 | 50 | | | | 562 | 5% |
| Other | Ambulance Offload | | | | | | | 2 | | - | | | | 2 | |
| | Unknown | 28 | 5 | 13 | 7 | 7 | 2 | 3 | 14 | 24 | | | | 103 | 1% |
| | Total: | 1,388 | 935 | 1,039 | 1,349 | 1,295 | 1,049 | 1,365 | 1,606 | 1,340 | | | | 11,366 | 100% |
| OOH (| 7pm-8am) Arrival Breach Total: | 688 | 455 | 549 | 711 | 691 | 572 | 635 | 757 | 725 | | | | 5,783 | 51% |
| Evening (8pm-M | lidnight) Arrival Breaches Total: | 300 | 207 | 237 | 288 | 284 | 223 | 271 | 318 | 286 | | | | 2,414 | 21% |

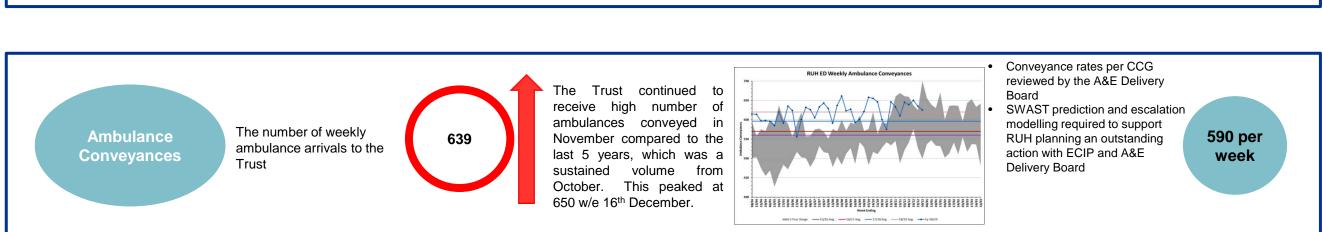
Change in IT system resulted in a period of non capture of breach codes (classified as unknown).

[•] There are also additional breach codes available which for the purposes of this report have been grouped as "other"

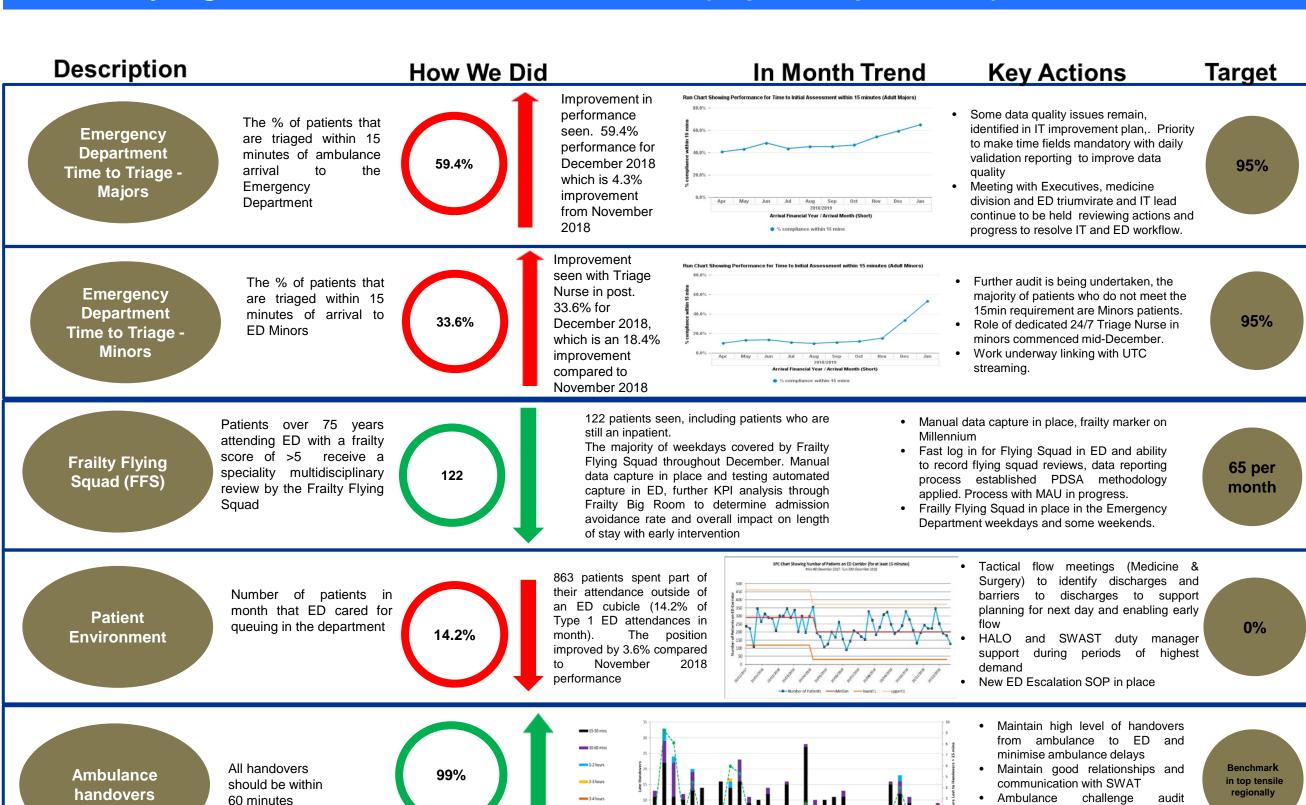
3.1 Monthly Urgent Care and Flow Dashboard - Diagnostics







3. 2 Monthly Urgent Care and Flow Dashboard - SAFE (requires improvement)



completed,

outcome

recommendations shared

A&E Delivery Board

and

with

3. 3 Monthly Urgent Care and Flow Dashboard – Well Led (requires improvement)

Description How We Did In Month Trend Key Actions Target

Nursing staffing rota coverage in ED

The percentage of registered nurse shifts in the Emergency Department that are filled with substantive or bank staff – Day and Night Shifts





 RUH has a Nurse Staffing Authorising process 7 days per week to support nurse staff allocation. This is a senior nurse.

>85%

Medical staffing rota coverage in ED

The percentage of doctor shifts in the Emergency Department that are not filled with substantive or bank staff



- Consultant hours extended to midnight 7 days per week
- Substantive recruitment of two Consultants (previous locums)
- Middle grade rota gaps remain an issue, mitigation through use of locum/agency where available

>85%

National Early Warning Score

National Early Warning Score (NEWS) compliance Emergency Department

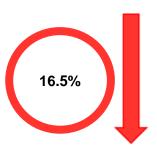


| NEWS accurate | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 | Oct-18 | Nov-18 | Dec-18 |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ED Obs | 92% | 96% | 96% | 100% | 88% | 90% | 95% | N/A | 89% |

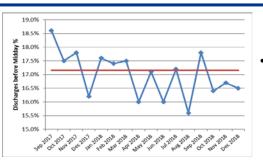
 Quality improvement team continue to work in the Emergency Department to improve performance and compliance.

>90%

Discharges by Midday The % of Non-Elective inpatients discharged by Midday



16.5% of discharges occurred before Midday during December which is a slight decrease compared to November



Patients identified at Divisional Tactical Flow meetings to support early flow out of the Emergency Department.

33%

Mean number of days from referral to discharge with Home First

2.6 days

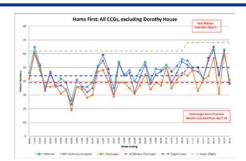
Wiltshire

1.9 days

Somerset

3.7 days

South Gloucestershire No referrals



- Weekly home first group in place.
 Focus on referral, capacity.
 Overall performance in month has deteriorated.
- Data now more accurately based on mean days over 2 weeks (previously 1 week).

1 day

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3. 4 Monthly Urgent Care and Flow Dashboard - Effective (Good)

Description

How We Did

In Month Trend

Key Actions

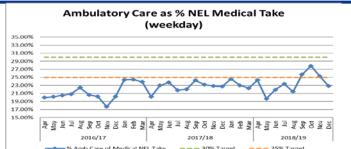
Target

Ambulatory care

Medical Ambulatory Care as % of Adult Non Elective Medical Take (weekday)



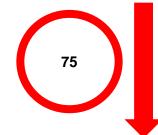
NB: Data changed in October to only include patients who are true 'admission avoidance' and excludes booked patients and HOT clinic



 Ambulatory care additional capacity to open - 2 consulting rooms and additional waiting area

 Planned patients arriving later in the morning to provide additional capacity for admission avoidance at 08:00 30%

Specialty Review The number of 4 hour breaches due to specialty doctor review delays



 Medical Doctor
 36
 34
 38
 30
 37
 41
 27
 30
 57

 Surgical Doctor
 56
 41
 52
 43
 44
 56
 36
 26
 18

Performance remains below internal standard, negatively impacting on 4 hour performance

 Internal professional standards, embed escalation with ED team – further work required to ensure consistency of escalation

Monitoring of the response within 60 minutes of request by the ED team

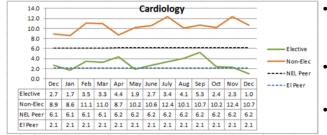
- T&O response improved, Ambulatory care ongoing
- MAU area B pilot commenced

Length of Stay Cardiology

The median length of stay for patients admitted to Cardiology will have a length of non-elective stay of 6.1 day on line with peers



Non-Elective length of stay has decreased significantly by almost 2 days in month, Elective improved by 1.3 days



- Review of process for the management of patients on outlying wards requiring cardiac input and or procedure
- Surgical pathway to Barts Health NHS Trust when Bristol Heart Institute unable to accept for surgery
 Engagement and LoS improvement

6.1 days

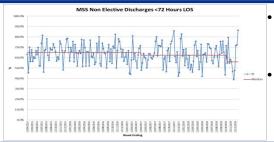
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Length of Stay
MSS

The median length of stay for patients admitted on Medical Short Stay Unit will be less than 72 Hours



56.0% of patients discharged from the Medical Short Stay Unit had a Length of Stay of < 72 hours in December 2018 peaking at 86.4%. Impacted by poor trust wide flow, high occupancy and long waits for inpatient cardiac procedures.



- Opportunity identified to increase throughout, currently limited by patients awaiting cardiac procedures
- Clinical lead for cardiology supporting work to prioritise non-elective procedures within 72 hours of request and cath lab efficiency

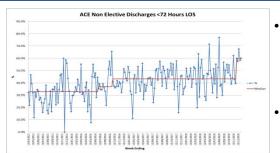
66.7%

Length of Stay
ACE

The median length of stay for patients admitted on Frailty Short Stay Unit (ACE) will be less than 72 Hours



60.0% of patients discharged from the Frailty Short Stay Unit (ACE) had a Length of Stay of < 72 hours in December 2018 (peaked at 67.6%) week ending 16/12/18.

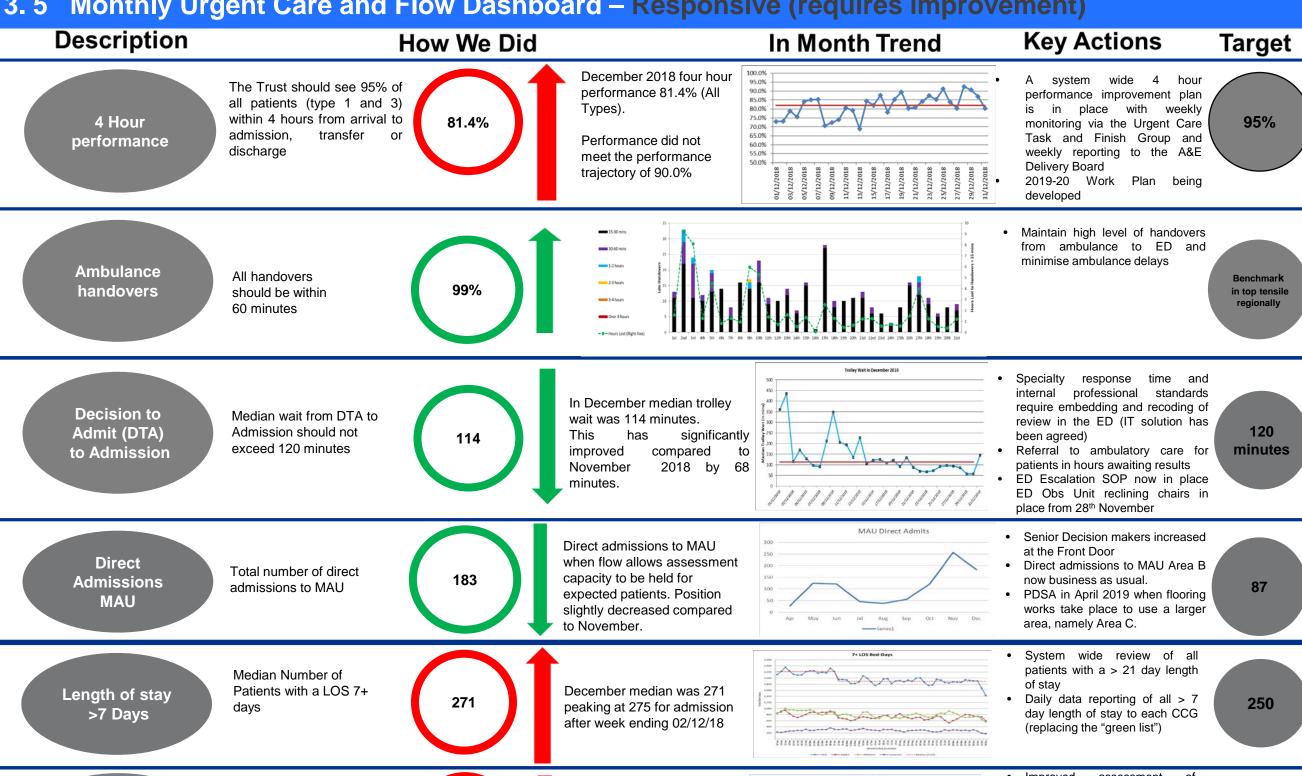


- Frailty Big Room weekly review of data and applying QI methodology to continually improve position and patient throughput
- Earlier discharge Impacted by limitation in Home First Capacity

66.7%

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3. 5 Monthly Urgent Care and Flow Dashboard – Responsive (requires improvement)



Length of Stay >21 Days

Median Number of Patients with a LOS 21+ Days

83

December median was 83 peaking at 85 for admission after week ending 23/12/18

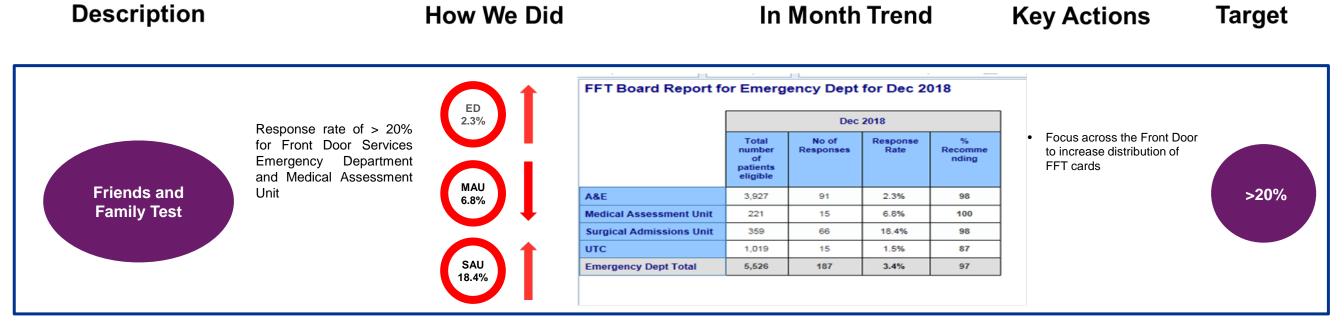


- Improved assessment stranded and super stranded patients
- Escalate delays in assessment and discharge plans via Silver
- Gold focus on system wide improvement plan

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3. 6 Monthly Urgent Care and Flow Dashboard – Caring (Good)





5. Christmas and New Year Performance

- Christmas and New Year 2017 and 2018 performance has been compared.
- There were an increase in the number of attendances in 2018 by 48 patients.
- The number of 4hr breaches (Type 1 & 3) during the festive period decreased significantly from 732 in 2017 to 470 in 2018 which is a reduction of 262.
- 4hr performance improved significantly from 71.7% (Type 1) in 2017 to 82.6% (Type 1) in 2018.

| | | | Christmas 2017 | , | | Christmas 2018 | | | | | | |
|--------------|-----------------------------|--------------------------|-----------------------------|-------------------------|--------------------------|-----------------------------|--------------------------|-----------------------------|-------------------------|--------------------------|--|--|
| Date | Attendances (Type 1 + 3) | Breaches (Type 1 + 3) | Performance (Type 1 + 3) | Performance (Type 1) | Adult Acute Occupancy | Attendances (Type 1 + 3) | Breaches (Type 1 + 3) | Performance (Type 1 + 3) | Performance (Type 1) | Adult Acute Occupancy | | |
| 19th Dec | 172 | 32 | 81.4% | 77.5% | 90.4% | 227 | 24 | 89.4% | 87.9% | 90.8% | | |
| 20th Dec | 196 | 34 | 82.7% | 79.9% | 91.6% | 208 | 41 | 80.3% | 78.5% | 87.5% | | |
| 21st Dec | 188 | 32 | 83.0% | 80.1% | 87.2% | 241 | 46 | 80.9% | 78.9% | 81.6% | | |
| 22nd Dec | 200 | 11 | 94.5% | 93.4% | 83.4% | 259 | 41 | 84.2% | 81.8% | 80.8% | | |
| 23rd Dec | 235 | 20 | 91.5% | 89.1% | 75.8% | 253 | 32 | 87.4% | 84.2% | 82.4% | | |
| 24th Dec | 232 | 12 | 94.8% | 93.3% | 75.6% | 223 | 33 | 85.2% | 82.7% | 71.7% | | |
| 25th Dec | 186 | 15 | 91.9% | 89.8% | 81.6% | 182 | 16 | 91.2% | 89.5% | 72.0% | | |
| 26th Dec | 239 | 39 | 83.7% | 79.3% | 87.7% | 228 | 37 | 83.8% | 80.9% | 78.6% | | |
| 27th Dec | 226 | 88 | 61.1% | 52.2% | 92.5% | 245 | 48 | 80.4% | 77.5% | 84.9% | | |
| 28th Dec | 236 | 82 | 65.3% | 58.2% | 94.1% | 202 | 15 | 92.6% | 91.1% | 89.5% | | |
| 29th Dec | 236 | 77 | 67.4% | 63.2% | 91.6% | 245 | 23 | 90.6% | 88.4% | 86.0% | | |
| 30th Dec | 273 | 110 | 59.7% | 46.0% | 96.2% | 245 | 32 | 86.9% | 83.2% | 93.3% | | |
| 31st Dec | 260 | 85 | 67.3% | 64.6% | 96.2% | 194 | 38 | 80.4% | 76.7% | 92.6% | | |
| 1st Jan | 264 | 95 | 64.0% | 56.1% | 98.7% | 239 | 44 | 81.6% | 77.1% | 93.5% | | |
| Total Period | 3,143 | 732 | 76.7% | 71.7% | n/a | 3,191 | 470 | 85.3% | 82.6% | n/a | | |

