



Sherwood Forest Hospitals
NHS Foundation Trust

NEWARK HOSPITAL UPDATE REPORT MARCH 2017

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Contents

Executive Summary

• Context	3
• Conclusion	3

Reports

• Outpatient Attendances	5,6,7
• Outpatient Clinic Utilisation	8
• Outpatient Follow Up Ratios	9
• Outpatient Radiology Attendances	10
• Procedures	11,12
• Minster Day Theatre	13
• Bed Occupancy	14
• Urgent Care Centre	15,16

Executive Summary

Context

The report summarises progress and implementation of the refreshed strategy for services at Newark Hospital and in the wider Newark area, and reflects sustained activity and efficiency increases across a widening range of services. This reflects the continuing commitment of Newark and Sherwood CCG, SFHFT and a range of partners to safe and sustainable clinical service provision for the communities of Newark and the surrounding area.

Conclusion

- In general, the picture remains one of increased numbers of people using a broader range of services, and the efficiency of these services increasing.
- We have included information on diagnostic imaging in this report.
- There are a few areas where more work is being done to deepen our understanding and optimise service provision:
 - The overall ratio of follow-up to new outpatient appointments has increased slightly year on year and we are scrutinising this specialty by specialty to ensure patients are not being brought back unnecessarily;
 - The utilisation of Fernwood has reduced year on year and we continue to focus on the role of beds at Newark Hospital and the admission criteria for Fernwood and Sconce;
 - We have experienced some difficulty in obtaining theatre utilisation data for the day case theatres in Newark and will address this for the next report, so that we can assess the efficiency with which these resources are being utilised.

Outpatients

- There were 73,012 Outpatient attendances at Newark Hospital between 1st January - 31st December 2015 and 75,877 Outpatient attendances between 1st January - 31st December 2016 demonstrating a rise of 2,865 attendances, nearly 4%.
- For patients with a Newark postcode attending Outpatient appointments at Newark Hospital there were 55,552 Outpatient attendances between 1st January - 31st December 2015 and 59,204 Outpatient attendances between 1st January – 31st December 2016 demonstrating a rise of 3,652 attendances, just over 6.5%.

Executive Summary

- Outpatient Clinic utilisation marginally improved by just over 1% between 1st January – 31st December 2016 compared to the previous years utilisation.
- Outpatient Follow Up ratio's are at 1.86 between 1st January – 31st December 2016 showing a rise in the ratio from 1.77 in the previous year.
- Radiology Services have increased by over 5%, as rise of 1,508 attendances between 1st January – 31st December 2016 compared to the previous year.

Procedures

- The Divisions of Surgery and Medicine, Women's and Children have undertaken a significant amount of work to increase the number of procedures offered outside of the theatres (predominantly in the endoscopy suite but also including the minor procedures room).
- Total number of procedures done between 1st January – 31st December 2016 increased by 617 compared to the previous year, a rise of over 9%.

Minster Day Theatre

- The number of procedure within Minster Day Theatres increased from 918 between 1st January – 31st December 2015 to 956 between 1st January – 31st December 2016.

Minster Medical Day Cases

- The activity for Minster Medical Day Case is currently under review . Once the review has been completed the board will have sight of this activity. However, as part of an initial headline a significant increase in activity has been seen between 2015 and 2016. This activity will be included within the next report update.

Executive Summary

Bed Occupancy

- Fernwood's bed occupancy rate has reduced overall between 1st January – 31st December 2016, averaging at 75% occupancy, although monthly occupancy has risen again in the winter months. Occupancy was on average 84% in the previous year. Further activity for Fernwood will be shown in the next update report.
- Sconce Wards bed occupancy rate has increased overall between 1st January – 31st December 2016, averaging at 86% occupancy although Occupancy was on average 77% in the previous year.

Newark Urgent Care Centre (UCC)

- The Division of Urgent and Emergency Care have undertaken a significant amount of work to build on and offer services in the UCC including the introduction of four new Ambulatory Care Pathways, for cellulitis, anaemia, accidental overdose and mechanical falls.
- Newark UCC had 1,256 more attendances between 1st January – 31st December 2016 compared to the previous year, a rise of 6%. Despite the rise in attendance, compliance with the 4 hour target increased with 98.97% of patients being seen within 4 hours compared to 98.72% between 1st January – 31st December 2015.
- The majority of patients attending the UCC are discharged with no follow up or advice to see their GP. Transfers to King's Mill hospital remained static in both time periods. Between 1st January – 31st December 2016 there were 23 fewer admissions than in the previous year.
- Ambulatory care pathways have been implemented and the data is currently under review. This activity will be shown on the next report update.

Outpatients

Outpatient Attendances

- Newark Hospital provided 75,877 outpatient attendances between 1st January – 31st December 2016. 50,419 Follow up attendances and 25,458 New attendances.
- This is an increase of 3.92% compared to the same time period in 2015.
- Physiotherapy, Ophthalmology and Orthopaedics are the top three specialities in terms of volume of Outpatient attendances.

All Newark Attendances by Specialty

excludes attendances outside clinic

Source: Medway

Period: 1st January 2016 - 31st December 2016

Specialty Description	New	FUp	Total
Physiotherapy	4115	9679	13794
Ophthalmology	1587	6280	7867
Trauma & Orthopaedics	2938	4073	7011
Audiology	1708	3827	5535
Respiratory Medicine	1009	2517	3526
Cardiology	1908	1448	3356
Dermatology	1362	1776	3138
Anaesthetics		3054	3054
ENT	1082	1865	2947
Gastroenterology	1051	1451	2502
Podiatric Surgery	703	1796	2499
Urology	811	1512	2323
General Surgery	1394	848	2242
Rheumatology	237	1552	1789
Orthotics	646	1114	1760
Paediatrics	582	1112	1694
Gynaecology	949	593	1542
Occupational Therapy	399	934	1333
Obstetrics	475	804	1279
Neurology	434	594	1028
Geriatric Medicine	206	726	932
Accident & Emergency	750	51	801
Midwifery Services	151	621	772
Clinical Haematology	171	549	720
Endocrinology	190	420	610
Pain Management	159	405	564
Diabetic Medicine	61	288	349
Vascular Surgery	227	119	346
Plastic Surgery	146	180	326
Community Paediatrics		191	191
Breast Surgery		40	40
Dietetics	7		7
Total	25458	50419	75877

Outpatients

Newark Hospital - Outpatient Attendances cont..

- The current utilisation of Newark Hospital by patients from Newark and the surrounding villages is a key area of interest to establish the potential for increasing services on the site. In order to establish patient flows four postcodes are used to define the Newark catchment area, NG22, NG23, NG24 and NG25.
- From 1st January – 31st December 2016, of the 75,877 outpatient attendances provided by Newark Hospital, 59,204 of these were from the four Newark area postcodes (78%).
- However 35,583 patients from the Newark Area attended outpatient appointments at King's Mill Hospital. The top five specialities providing outpatient appointments for Newark Area patients at King's Mill Hospital are Orthopaedics, Ophthalmology, Physiotherapy, ENT and Urology. *(Note: some services/clinics will not be expected to take place at Newark hospital)*

Top 20 Specialties providing outpatient appointments at King's Mill Hospital for patients living in Newark Postcodes (Top 20 account for 90% of attendances)

Patients with a Newark area Postcode attending King's Mill Hospital

excludes attendances outside clinic

Source: Medway

Period: 1st January 2016 - 31st December 2016 - Top 20 Specialties

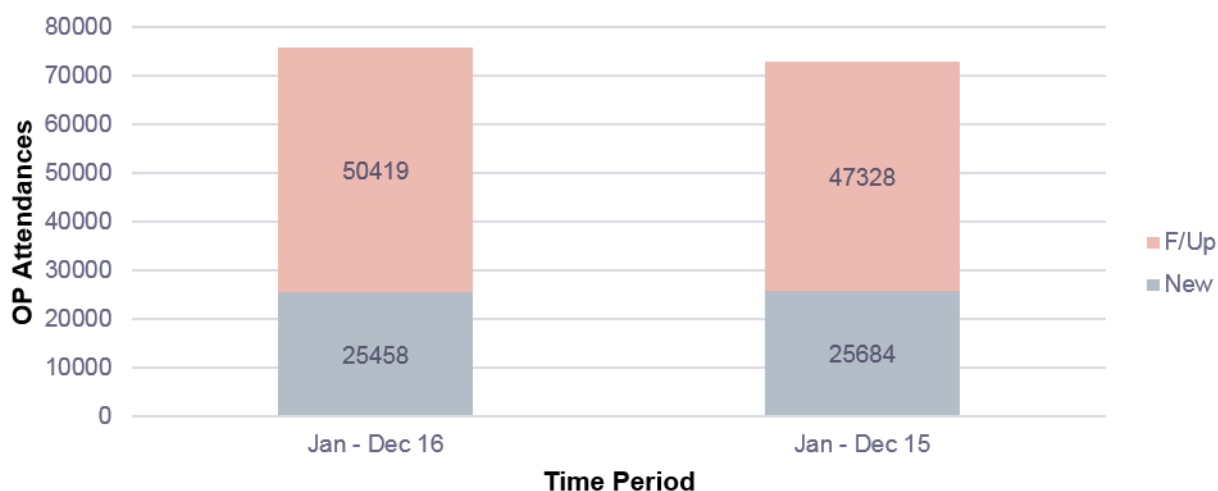
Specialty Description	New	FUp	Total
Trauma & Orthopaedics	1896	2917	4813
Ophthalmology	887	2664	3551
Physiotherapy	812	2132	2944
ENT	825	1331	2156
Urology	521	1311	1832
Cardiology	550	1233	1783
Dermatology	420	1056	1476
Community Paediatrics	219	1108	1327
General Surgery	614	641	1255
Gynaecology	696	513	1209
Obstetrics	278	819	1097
Respiratory Medicine	360	706	1066
Paediatrics	451	614	1065
Audiology	421	641	1062
Clinical Haematology	99	875	974
Pain Management	242	727	969
Breast Surgery	457	453	910
Occupational Therapy	237	653	890
Rheumatology	65	685	750
Orthotics	167	408	575
Total	10217	21487	31704

Outpatients

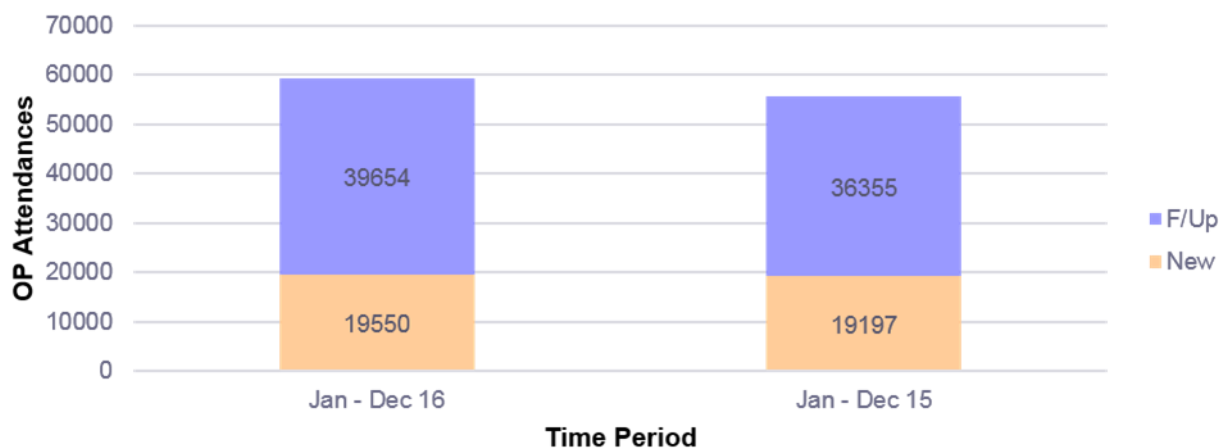
Newark Hospital - Outpatient Attendances – One Year Comparison

- In order to directly compare any change in activity for Newark Hospital, a years period (1st January – 31st December 2016) was compared to the same period in the previous year (1st January – 31st December 2015).
- There were 75,877 Outpatient attendances between 1st January – 31st December 2016 and 73,012 Outpatient attendances during the same time period in 2015, a rise of 3.92%.
- For patients with a Newark Postcode, there were 59,204 Outpatient Attendances between 1st January – 31st December 2016 and 55,552 Outpatient attendances during the same time period in 2015 a rise of 6.57%.

Outpatient Attendances to Newark Hospital



Outpatient Attendances to Newark Hospital - Patients with a Newark Postcode



Outpatients

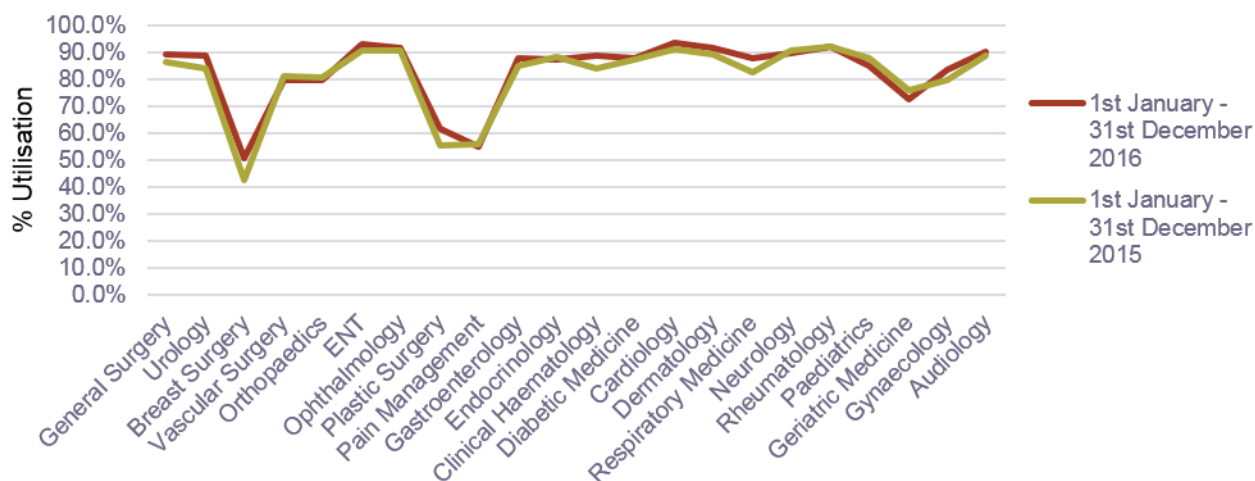
Newark Hospital - Outpatient Utilisation – One Year Comparison

- Clinic utilisation calculated by comparing maximum slots with booked slots at Newark Hospital. Overall utilisation marginally improved by 1.1% in the 2016 period compared to 2015. Most specialties show slight improvements.

Newark Hospital Outpatient Utilisation - One Year Comparison

Specialty	1st January - 31st December 2016	1st January - 31st December 2015	% Difference
General Surgery	89.2%	86.5%	2.7%
Urology	88.8%	83.8%	5.0%
Breast Surgery	50.5%	42.4%	8.2%
Vascular Surgery	79.9%	81.0%	-1.1%
Orthopaedics	79.6%	80.6%	-1.0%
ENT	93.1%	90.8%	2.3%
Ophthalmology	91.8%	90.7%	1.1%
Plastic Surgery	61.7%	55.2%	6.5%
Pain Management	55.0%	55.7%	-0.7%
Gastroenterology	87.7%	84.8%	2.9%
Endocrinology	87.5%	88.2%	-0.7%
Clinical Haematology	88.6%	84.0%	4.6%
Diabetic Medicine	87.6%	87.5%	0.1%
Cardiology	93.4%	90.9%	2.5%
Dermatology	91.5%	89.1%	2.4%
Respiratory Medicine	87.9%	82.8%	5.1%
Neurology	89.5%	90.7%	-1.2%
Rheumatology	92.1%	91.9%	0.2%
Paediatrics	84.8%	87.7%	-2.9%
Geriatric Medicine	72.7%	75.8%	-3.1%
Gynaecology	83.3%	79.5%	3.8%
Audiology	90.0%	88.6%	1.4%
Overall Utilisation	86.9%	85.8%	1.1%

Newark Hospital Outpatient Clinic Utilisation



Outpatients

Newark Patients - Outpatient New to Follow up ratio's

- Outpatient New to Follow up ratios exclude Fracture, Breast Surgery, Pre-Op and Community Paediatric clinics.
- Overall ratio for Outpatient attendances at Newark Hospital between 1st January – 31st December 2016 is 1.86 which has shown as increase (negative position) compared to same period in 2015 showing at 1.77. Although some specialties have shown an improvement.
- Note: Clinic list level ratio's need further investigation to check whether this should be included within the ratio calculation as some services would need to take place at King's Mill Hospital initially to be then followed up at Newark.

Newark Hospital Follow up Ratios							
excludes Pre-op, Fracture, Breast surgery, Community Paediatric clinics							
Source: Medway							
Period: 1st January 2016 - 31st December 2016				Period: 1st January 2015 - 31st December 2015			
Specialty	New	FUp	Ratio	Specialty	New	FUp	Ratio
Accident & Emergency	750	51	0.07	Accident & Emergency	742	53	0.07
Audiology	1708	3827	2.24	Audiology	2169	3162	1.46
Cardiology	1908	1448	0.76	Cardiology	1580	1215	0.77
Clinical Haematology	171	549	3.21	Clinical Haematology	270	521	1.93
Dermatology	1362	1776	1.30	Dermatology	1277	1633	1.28
Diabetic Medicine	61	288	4.72	Diabetic Medicine	50	274	5.48
Dietetics	7		0.00	Endocrinology	177	370	2.09
Endocrinology	190	420	2.21	ENT	1267	1652	1.30
ENT	1082	1865	1.72	Gastroenterology	979	1320	1.35
Gastroenterology	1051	1451	1.38	General Surgery	1188	734	0.62
General Surgery	1394	848	0.61	Geriatric Medicine	233	774	3.32
Geriatric Medicine	206	726	3.52	Gynaecology	890	579	0.65
Gynaecology	949	593	0.62	Midwifery Services	159	642	4.04
Midwifery Services	151	621	4.11	Neurology	833	736	0.88
Neurology	434	594	1.37	Obstetrics	469	656	1.40
Obstetrics	475	804	1.69	Occupational Therapy	383	919	2.40
Occupational Therapy	399	934	2.34	Ophthalmology	1493	4960	3.32
Ophthalmology	1587	6280	3.96	Orthotics	626	1022	1.63
Orthotics	646	1114	1.72	Paediatrics	544	1004	1.85
Paediatrics	582	1112	1.91	Pain Management	100	70	0.70
Pain Management	159	405	2.55	Physiotherapy	3947	9917	2.51
Physiotherapy	4115	9679	2.35	Plastic Surgery	116	161	1.39
Plastic Surgery	146	180	1.23	Podiatric Surgery	782	1922	2.46
Podiatric Surgery	703	1796	2.55	Respiratory Medicine	947	2431	2.57
Respiratory Medicine	1009	2517	2.49	Rheumatology	288	1502	5.22
Rheumatology	237	1552	6.55	Trauma & Orthopaedics	1708	2797	1.64
Trauma & Orthopaedics	2053	2645	1.29	Urology	757	1469	1.94
Urology	811	1512	1.86	Vascular Surgery	179	163	0.91
Vascular Surgery	227	119	0.52	Grand Total	24153	42658	1.77
Grand Total	24573	45706	1.86				

Outpatients - Radiology

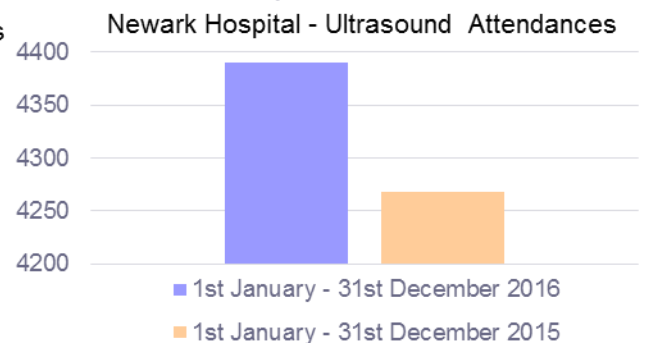
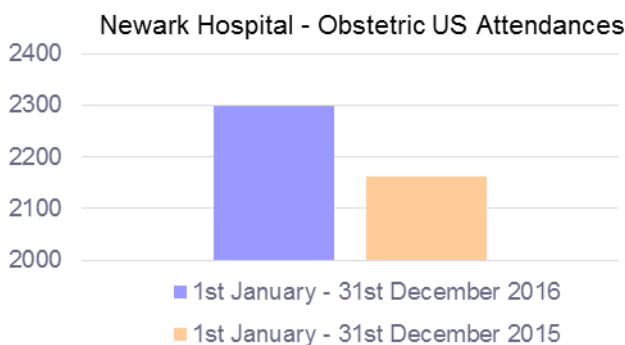
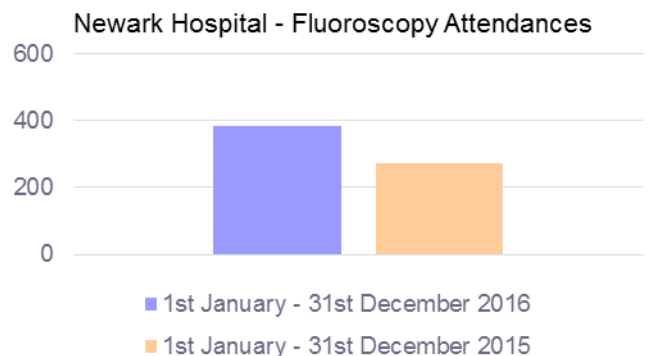
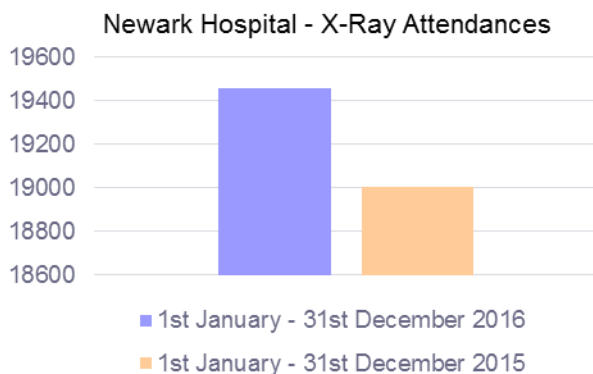
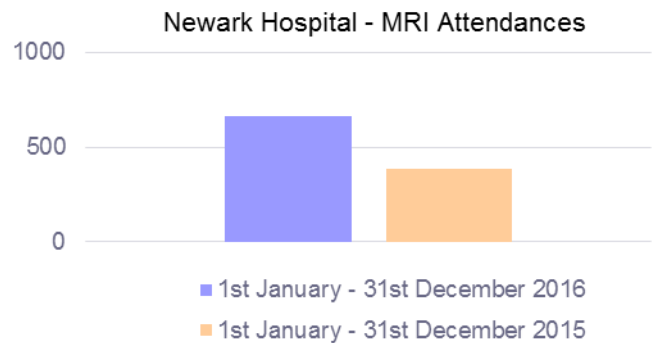
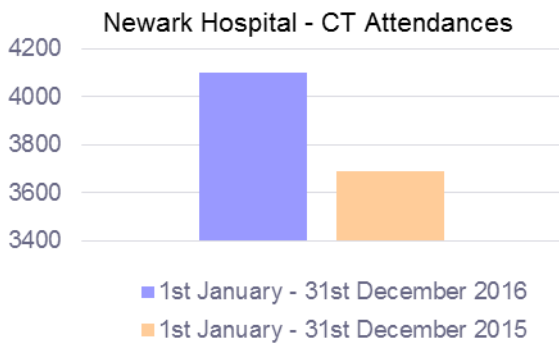
Newark Patients – Radiology Attendances

- Newark Hospital provided 31,294 Radiology attendances between 1st January – 31st December 2016 compared to 29,786 between 1st January – 31st December 2015, showing a rise of 5.06%. Increases are across all modalities.

Newark Radiology Attendances by Modality

Source: Cris

Modality	1st January - 31st December 2016	1st January - 31st December 2015
C - CT	4099	3691
F - Fluoroscopy	385	271
M - MRI	662	388
O - Obstetrics Ultrasound	2298	2162
R - Radiology X-Ray	19460	19006
U - Ultrasound	4390	4268
Total	31294	29786



Procedures

Newark Hospital – Procedures – One Year Comparison

- A total of 7,272 procedures were undertaken at Newark Hospital between 1st January – 31st December 2016 compared to 6,655 between 1st January – 31st December 2015, showing a rise of 9.27%. This figure includes elective, emergency, planned and maternity procedures.
- The greatest number of procedures were undertaken by Gastroenterology followed by Urology, Podiatric Surgery and Dermatology between 1st January – 31st December 2016.

Newark Hospital Procedures		
<i>Source: Medway</i>		
Specialty	1st January - 31st December 2016	1st January - 31st December 2015
Gastroenterology	1708	1478
Urology	903	730
Podiatry	774	832
Dermatology	704	685
Trauma & Orthopaedics	663	702
Ophthalmology	687	467
General Surgery	452	568
Gynaecology	469	530
General Medicine	176	156
Pain Management	232	98
Respiratory	154	174
Fernwood Rehabilitation	101	74
Plastic Surgery	89	75
Clinical Haematology	97	38
Rehabilitation	18	23
Breast Surgery	25	10
Rheumatology	10	5
Geriatrics	8	2
Vascular Surgery		6
Cardiology	1	
Endocrinology	1	
Obstetrics		1
Paediatrics		1
Total	7272	6655

Procedures

Newark Hospital – Procedures – Top 25 by Volume

- The top 20 procedures account for 62.5% of the volume of procedures work undertaken at Newark Hospital between 1st January – 31st December 2016.
- The three most common procedures remained the most common procedures in both time periods.

Top 20 Procedures by Volume at Newark Hospital from 1st January - 31st December 2016

Primary Procedure Description	Number
INSERTION OF PROSTHETIC REPLACEMENT FOR LENS NEC	637
FIBREOPTIC ENDOSCOPIC EXAMINATION OF UPPER GASTROINTESTINAL	594
DIAGNOSTIC ENDOSCOPIC EXAMINATION OF BLADDER UNSPECIFIED	575
INJECTION OF THERAPEUTIC SUBSTANCE INTO JOINT	416
DIAGNOSTIC ENDOSCOPIC EXAMINATION OF COLON UNSPECIFIED	261
DIAGNOSTIC FIBREOPTIC ENDOSCOPIC EXAMINATION OF COLON AND BI	255
DIAGNOSTIC FIBREOPTIC ENDOSCOPIC EXAM/UPPER GASTROINTE UNSPECIFIED	202
DIAG.ENDO.EXAM/LOWER BOWEL USING FIBREOPTIC SIGMOIDOSCO UNSPECIFIED	180
THERAPEUTIC SACRAL EPIDURAL INJECTION	159
OTHER EXCISION OF LESION OF SKIN UNSPECIFIED	158
PRIMARY REPAIR/INGUINAL HERNIA USING INSERT/PROSTHETIC MATER	149
FIBREOPTIC ENDOSCOPIC SNARE RESECTION OF LESION OF COLON	143
EXCISION OF LESION OF SKIN OF HEAD OR NECK NEC	129
DIAGNOSTIC ENDOSCOPIC EXAMINATION OF UTERUS AND BIOPSY OF LE	109
POLYSOMNOGRAPHY	109
CARPAL TUNNEL RELEASE	108
ROTATION DIAPHYSEAL OSTEOTOMY AND INTERNAL FIXATION HFQ	94
INTRODUCTION OF THERAPEUTIC SUBSTANCE INTO BLADDER	92
PUNCH BIOPSY OF CERVIX UTERI	90
INJECTION AROUND SPINAL FACET OF SPINE	89
Total Top 20 Procedures	4549

Procedures – Minster Day Theatre

Newark Hospital – Minster Day Theatre Procedures

- Minster Day Theatre is identified by the Ward description and the calculated treatment type.
- Between 1st January – 31st December 2016 Minster Day Theatre did 956 procedures, an increase of 38 procedures compared to the same time period in 2015.
- The Top 10 Procedures account for 73.1% of the procedures in 2016 in Minster Day Theatre.

Top 10 Procedures by Volume – Minster Ward Day Theatre between 1st January - 31st December 2016

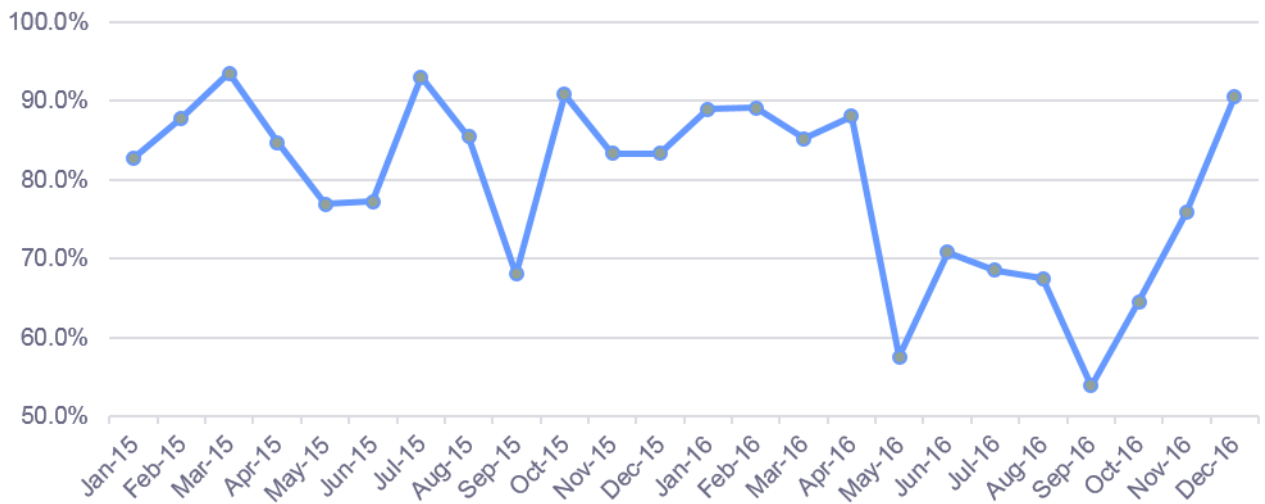
Top 10 Procedures - Minster Ward Day Theatre	
1st January - 31st December 2016	
Primary Procedure Description	Number
EXCISION OF LESION OF SKIN OF HEAD OR NECK NEC	123
OTHER EXCISION OF LESION OF SKIN UNSPECIFIED	123
DIAGNOSTIC ENDOSCOPIC EXAMINATION OF UTERUS AND BIOPSY OF LE	100
BIOPSY OF LESION OF SKIN NEC	78
PUNCH BIOPSY OF LESION OF SKIN NEC	78
BIOPSY OF LESION OF SKIN OF HEAD OR NECK NEC	59
PUNCH BIOPSY OF LESION OF SKIN OF HEAD OR NECK	53
BIOPSY OF LESION OF EXTERNAL NOSE	31
DIAGNOSTIC ENDOSCOPIC EXAMINATION OF UTERUS UNSPECIFIED	27
INTRODUCTION OF INTRAUTERINE CONTRACEPTIVE DEVICE	27
Top 10 Procedure Total	699

Bed Occupancy

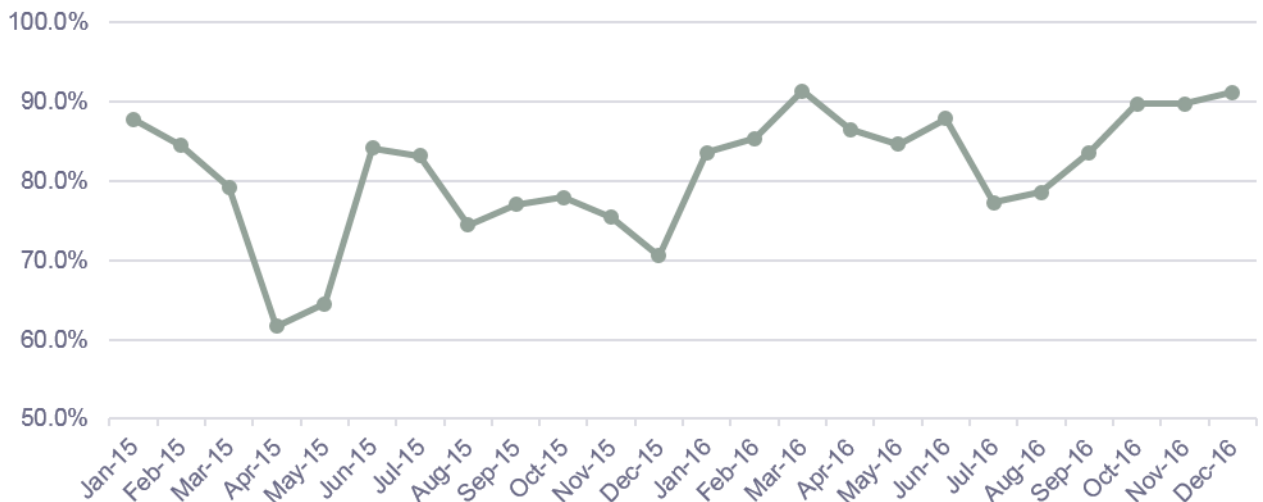
Newark Hospital – Bed Occupancy

- Sconce Bed occupancy is based on 35 available beds up to May 15 and 24 available beds from June 15 onwards. Fernwood is based on 12 available beds.
- Average Bed occupancy rate for Fernwood was 75.0% between 1st January – 31st December 2016 showing a decrease from 83.9% for the same period of the previous year.
- Average Bed occupancy rate for Sconce was 85.8% between 1st January – 31st December 2016 showing an increase from 76.7% for the same period of the previous year.

Fernwood Bed Occupancy rates



Sconce Bed Occupancy Rates

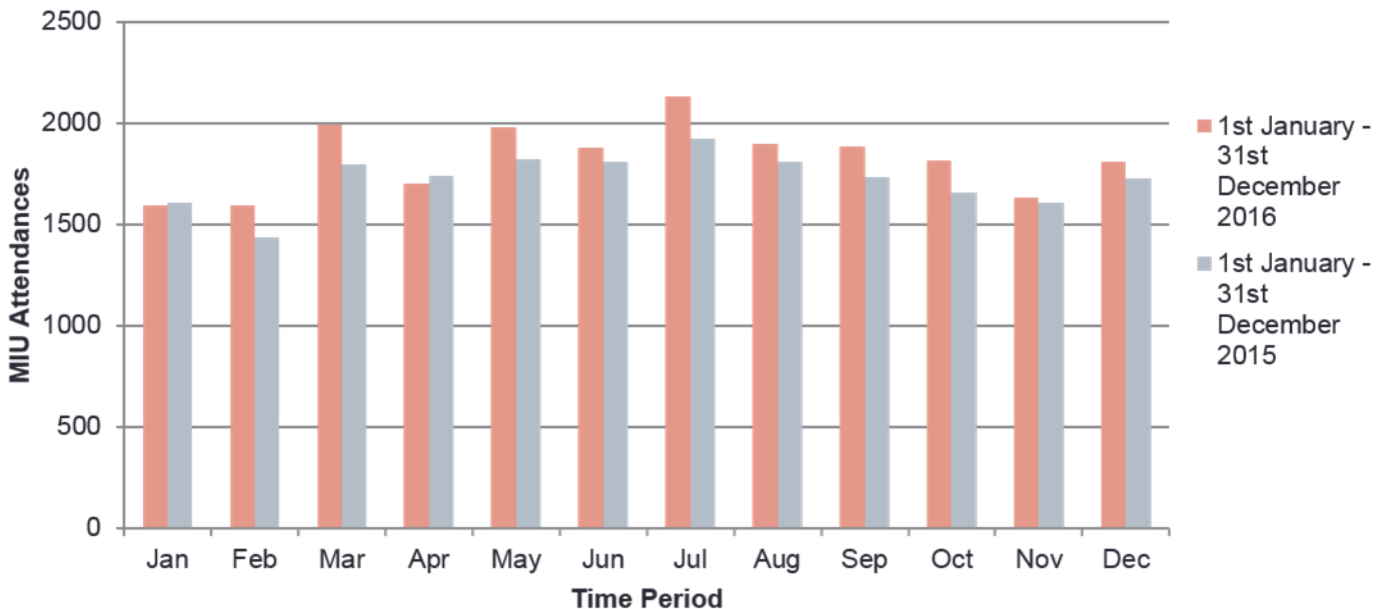


Newark Urgent Care Centre

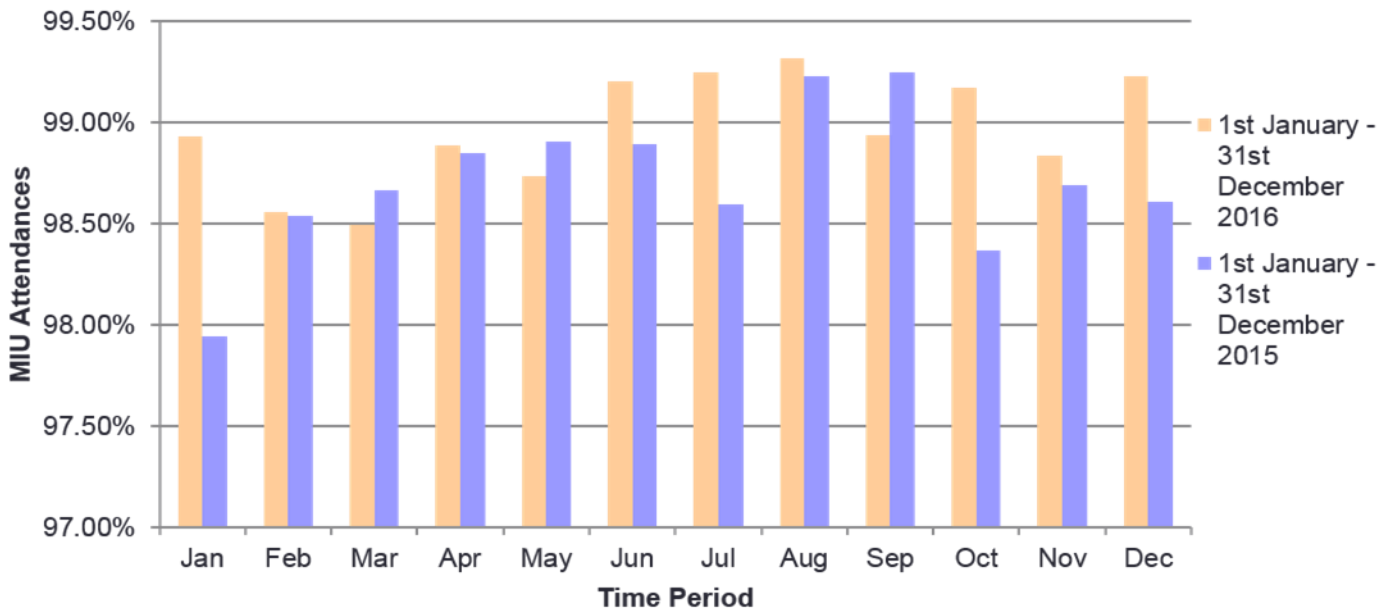
Newark Urgent Care Centre – Attendances

- There were 21,887 attendances at Newark Urgent Care Centre between 1st January – 31st December 2016 compared to 20,631 attendances in the same period in 2015, a rise of 1,256 attendances equivalent to 6.09%. All months apart from April and January recorded a rise in attendances compared to the previous years period.
- Despite the rise in attendances the proportion of patients seen within the 4 Hour target was slightly higher in 2016 at 98.97% increasing from 98.72% in 2015.

Newark Urgent Care Centre Attendances



Newark Urgent Care Centre 4 Hour Target



Newark Urgent Care Centre

Newark Minor Injuries Unit – Departure Method

- The vast majority of patients attending Newark Urgent Care Centre between 1st January – 31st December 2016 were discharged.
- However, 852 patients were transferred to King’s Mill Hospital (3.86%) and 42 patients (0.19%) were admitted to either King’s Mill or Newark Hospital wards.
- The transfers to King’s Mill remain in line with the previous year (increase of 1 patient) whereas the number of patients admitted reduced by 23.

Newark Urgent Care Centre Departure Method Split 1st January – 31st December 2016

Newark Hospital Attendances to Urgent Care Centre - Departure Method 1st January - 31st December 2016

Source: *SystemOne*

Departure Method	%
Admitted	0.19%
Brought In Dead	0.00%
Discharged - Asked to attend GP (non-urgent)	25.94%
Discharged - Asked to Attend GP (Urgent)	1.62%
Discharged - CNCS	0.82%
Discharged - ED Clinic Appointment	4.77%
Discharged - Fracture Clinic Appointment	7.35%
Discharged - No Follow Up	48.68%
Discharged Fracture Clinic Appointment	0.00%
Discharged Other Clinic Appointment	2.12%
Discharged to Attend CDU	0.00%
Discharged To Other Care Provider	1.80%
Left without being seen by a clinical decision maker	1.92%
Other	0.01%
Other OPD	0.00%
Referral to MIU	0.00%
Return for X-ray	0.05%
Self Discharge AFTER seen by a Clinical Decision Maker	0.28%
Transferred to King's Mill	3.86%
Transferred To Other Care Provider	0.53%
Not recorded	0.00%
Referral to NEMS	0.05%