

**Explanatory Notes**

All cases (locked and unlocked) admitted to hospital between 01 October 2024 and 31 December 2024 have been included. Only cases where the necessary data are available have been included in the denominator for each individual analysis.

At hospital level, runcharts are compared to hospitals within the same ICB.

The results for process measures for which fewer than 10 cases have available data will not be reported. Instead the value will be marked as 'Insufficient data'.

The NELA standards include a newly updated composite standard for CT Scanning and Reporting. The new standard is composed of three metrics: (1) the proportion of patients who had a CT scan that was reported by senior radiologist (ST3+), (2) the proportion of those reported within an hour or less of the scan, and (3) the proportion of those communicated preoperatively between a senior radiologist (ST3+) and senior surgeon (ST3+) to discuss the CT findings.

*NOTE:* due to changes in database structure, time related metrics may be calculated even if a time (NOT date) stamp is not entered. When time is entered as "00:00" and the "Time not known" box is not ticked, this time-stamp will be used for the standard calculation and may negatively affect reported metrics. We would therefore request that every effort is made to enter the time-stamps for the following variables:

- Date and Time of admission to hospital (Q1.9),
- Date and time of CT scan (Q2.7d),
- Date and time CT scan was reported (Q2.7e),
- Date and time of first dose of antibiotics (Q2.10),
- Date and time arrival in theatre (Q4.1).

For better insight to how these standards have been structured, please refer to the **NELA standards document**.



**Hospital performance: Risk-adjusted measures**  
Rating boundaries are lower and upper 99.8% and 95% control limits

**Hospital performance: Non-risk-adjusted measures**  
Rating boundaries are lower and upper national quartiles

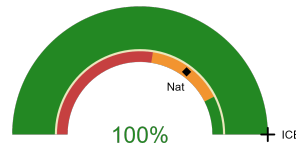


**Luton and Dunstable Hospital**

**2024-25 Reporting Period 7: 01 October 2024 - 31 December 2024**

These plots represent patients having an emergency laparotomy during Year 2024-25 Reporting Period 7 of NELA data collection. This version will be made publicly available via the NELA website. Feedback from participating hospitals is welcome.

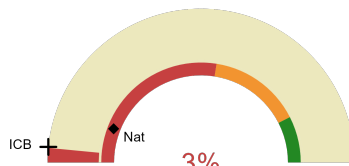
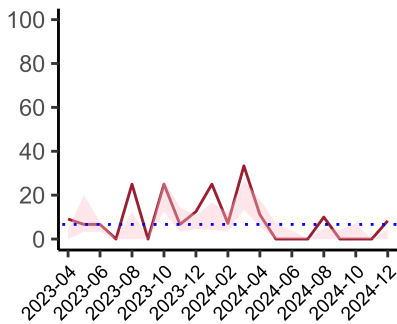
**NELA process and outcome measures**



Estimated case ascertainment  
01 October 2024 - 31 December 2024

**Estimated case ascertainment  
(Based on HES/PEDW Data)**

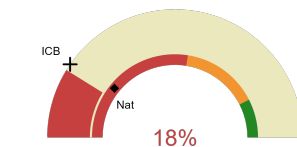
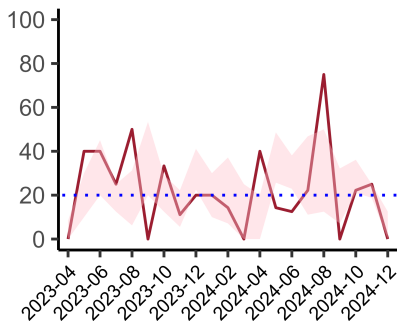
Expected number of cases 47  
Total cases entered 49  
Cases locked 28  
Cases unlocked 21



Proportion of patients who had a CT scan that was reported by a senior radiologist (ST3+) and communicated with the team in the correct time scale before surgery  
01 October 2024 - 31 December 2024

**CT reported by a senior radiologist (ST3+) and communicated with the team in the correct time scale before surgery.**

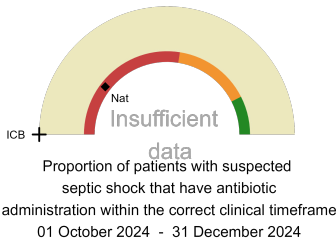
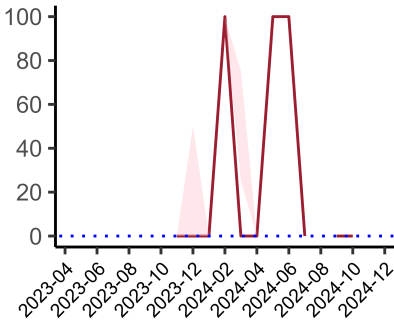
National mean 12%  
ICB mean 3%  
Number of patients included 33  
Data completeness 100%



Proportion of patients with suspected sepsis or infection that have antibiotic administration within the correct clinical timeframe  
01 October 2024 - 31 December 2024

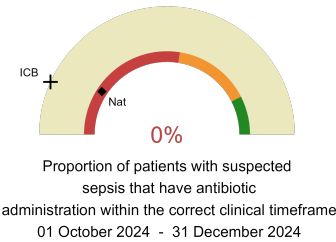
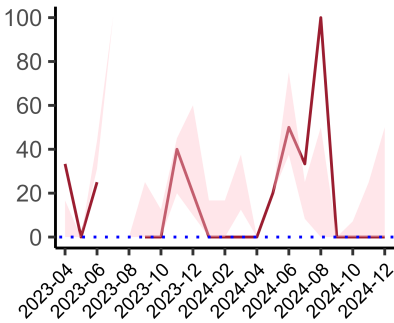
**Combined Infection management standard - antibiotic administration within the correct clinical timeframe**

National mean 22%  
ICB mean 19%  
Number of patients included 17  
Data completeness 68%



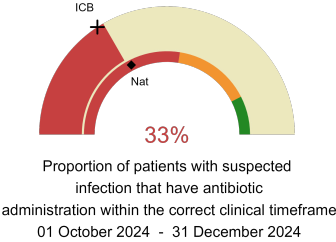
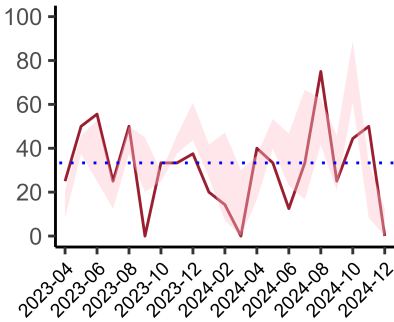
**Septic Shock - antibiotic administration within the correct clinical timeframe**

National mean 21%  
ICB mean 0%  
Number of patients included 3  
Data completeness 30%



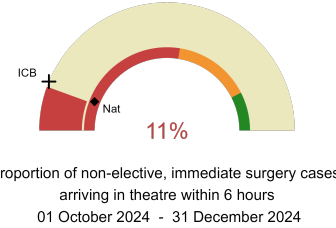
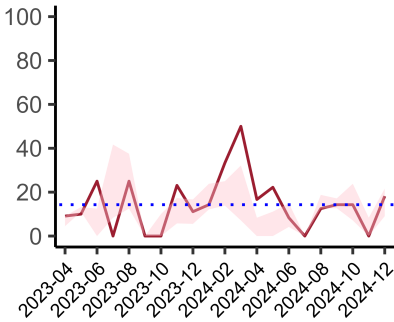
**Sepsis - antibiotic administration within the correct clinical timeframe**

National mean 19%  
ICB mean 13%  
Number of patients included 10  
Data completeness 56%



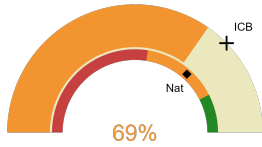
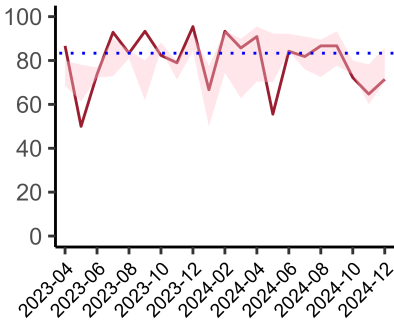
**Infection - antibiotic administration within the correct clinical timeframe**

National mean 35%  
ICB mean 32%  
Number of patients included 15  
Data completeness 68%



**Non-elective, immediate surgery cases, arriving in theatre within 6 hours.**

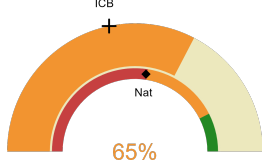
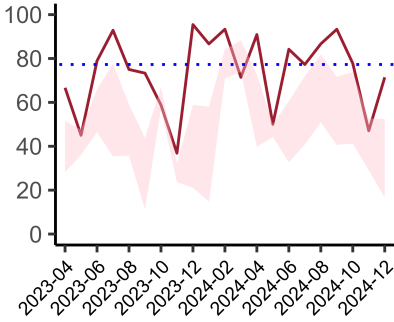
National mean 12%  
ICB mean 12%  
Number of patients included 27  
Data completeness 100%



Risk of death documented before surgery  
01 October 2024 - 31 December 2024

**Risk documented before surgery**

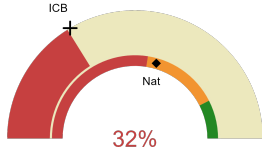
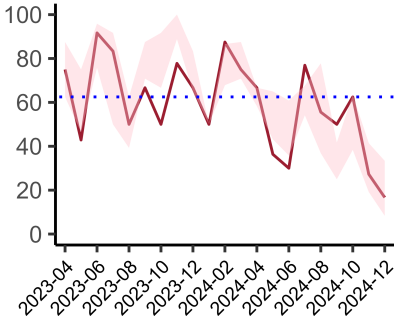
National mean 73%  
ICB mean 75%  
Number of patients included 49  
Data completeness 100%



Risk of death documented after surgery  
01 October 2024 - 31 December 2024

**Risk documented after surgery**

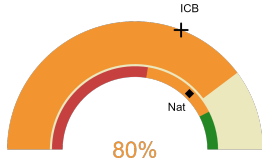
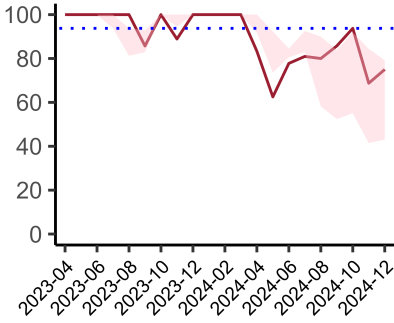
National mean 55%  
ICB mean 44%  
Number of patients included 49  
Data completeness 100%



Admitted to critical care following surgery when the  
risk of death  $\geq$  5% (Excludes patients who  
died in theatre or with a decision to palliate)  
01 October 2024 - 31 December 2024

**Admitted to Critical Care  
(risk of death  $\geq$  5%)**

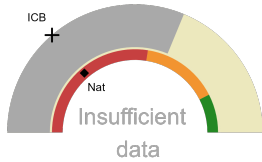
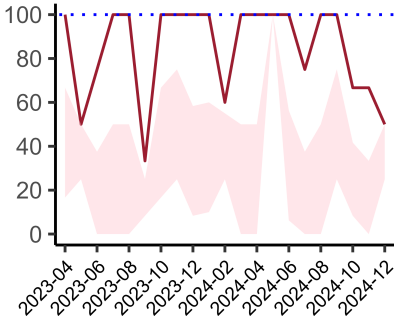
National mean 59%  
ICB mean 33%  
Number of patients included 31  
Data completeness 100%



Consultant surgeon and anaesthetist present in  
theatre when risk of death  $\geq$  5%  
01 October 2024 - 31 December 2024

**Consultant Anaesthetist &  
Consultant Surgeon in theatre  
(risk of death  $\geq$  5%)**

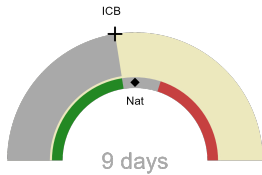
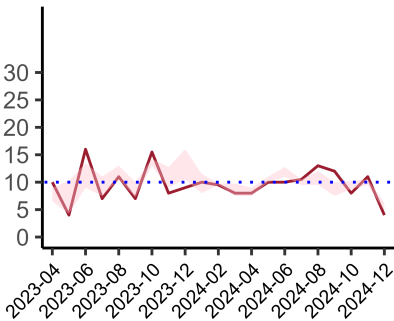
National mean 75%  
ICB mean 62%  
Number of patients included 44  
Data completeness 98%



Perioperative assessment by a care of the older person specialist  
01 October 2024 - 31 December 2024

**Perioperative Assessment by a member of the geriatrician-led multidisciplinary team for patient aged 65 or over and frail (CFS ≥ 5) or 80+**

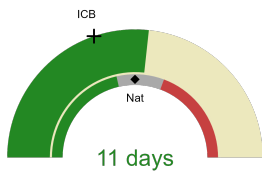
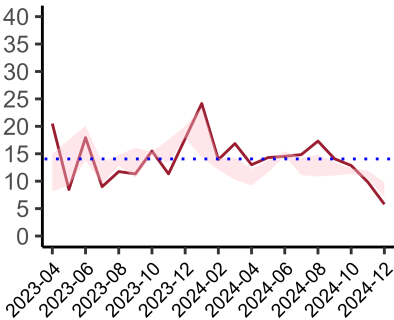
National mean 27%  
ICB mean 28%  
Number of patients included 8  
Data completeness 53%



Median postoperative length of stay in patients surviving to discharge (crude value, not risk adjusted)  
01 October 2024 - 31 December 2024

**Median postoperative length of stay**

National median 10 days  
ICB median 9 days  
Number of patients included 26  
Data completeness 93%



Mean postoperative length of stay in patients surviving to discharge (crude value, not risk adjusted)  
01 October 2024 - 31 December 2024

**Mean postoperative length of stay**

National mean 14 days  
ICB mean 11 days  
Number of patients included 26  
Data completeness 93%

**Integrated Care Board**

Luton and Dunstable Hospital is part of the NHS Bedfordshire, Luton And Milton Keynes Integrated Care Board ICB. This comprises Bedford Hospital, Luton & Dunstable Hospital, Milton Keynes Hospital.