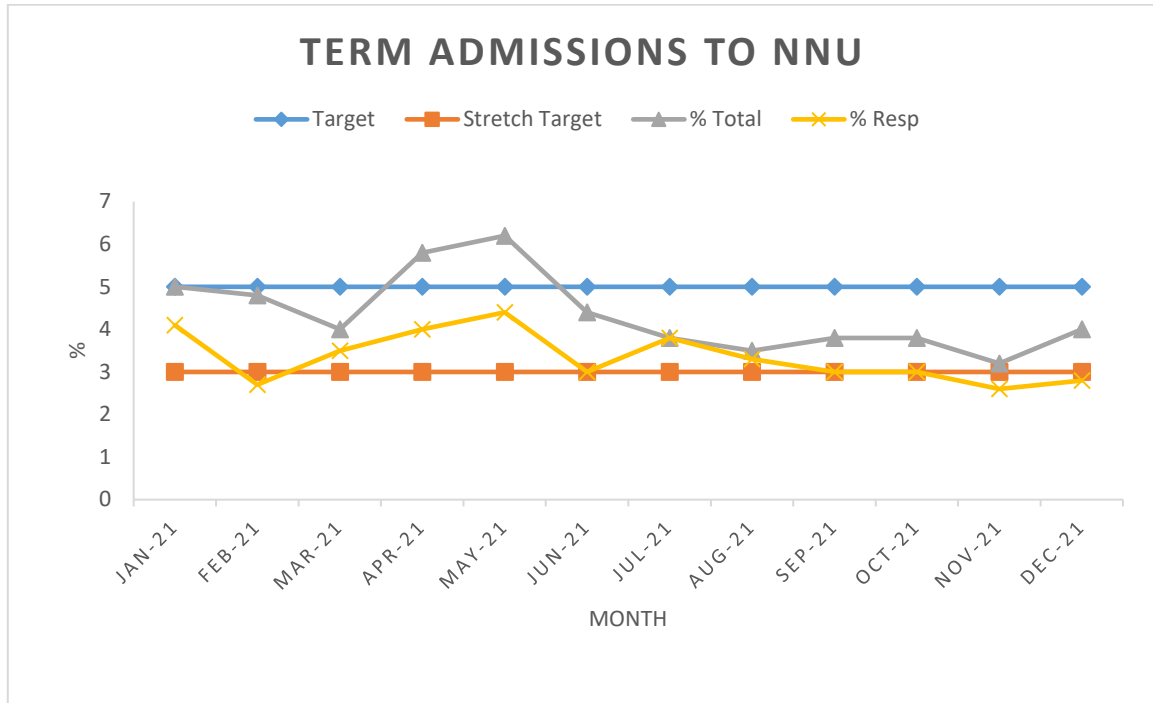


## ATAIN Report for Q3 2021

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Run rate for calendar year 2021, January to December.



### Rates

Term admission numbers for Q3 (October/November/December) remain steady at less than 15 per month. This gives an admission rate for this quarter of 3.2-4% excluding known anomalies. An overall admission rate of 3.7% for Quarter 3.

Quarter 1 had an overall term admission rate of 5.5%, followed by Quarter 2 rate of 3.7%, excluding known anomalies. As a calendar year 2021 the overall term admission rate is 4.3%. Which is below the national target of 6% and the local target of 5%. 3% is the stretch target to aspire to reach.

### Review Systems

Term admissions to the neonatal unit are reviewed in 3 ways. Through obstetric and neonatal review at NOIR, via the Datix system on NNU and individually on a monthly basis through the collection of data.

There is an ATAIN working group which meets every 2 months to review themes and ensure that the Action Plan is on track.

## **Admission Reasons**

### **Respiratory Conditions**

Respiratory issues continue to make up the majority of admissions. There were 9 babies requiring intubation and ventilation; mostly short term. However, 1 baby in November was transferred as there was a requirement for therapeutic hypothermia. A further baby was transferred to a level 3 neonatal intensive care unit. Once there, they recovered swiftly and was discharged home from that unit. 3 babies in this quarter did not require any respiratory support; 1 was diagnosed with laryngomalacia, and the other 2 were diagnosed with congenital pneumonia.

### **Hypoglycaemia**

In this quarter there were 2 babies admitted with hypoglycaemia, however these babies had other primary symptoms necessitating their admission. One with vomiting and the other with an oxygen requirement.

### **Neonatal Jaundice/HIE/NAS**

There were no admissions for jaundice treatment this quarter.

1 baby was transferred to a level 3 NICU with Hypoxic Ischemic Encephalopathy, requiring therapeutic hypothermia.

No baby required NAS treatment, however 1 was admitted for NAS observations due to social reasons. This is a reasonable admission as the neonatal unit is a place of safety.

### **Hypothermia**

4 babies were hypothermic on admission during this time. This is 9.7% of term admissions and compares with the previous quarter of 7 hypothermic babies (15%). All of these admissions were from Delivery Suite, who are aware of this.

## **Plan for Q4**

1. To continue to monitor the Action Plan 2021
2. To ensure that **ALL** Term admissions to the neonatal unit are inputted to the Datix system. This ensures that they are all reviewed obstetrically at the weekly NOIR review meeting.
3. To formalise a framework for reviewing the 'grunting' baby (ongoing from Q2)