

# Analysis of NNU Mortality Rates

## Background

Concerns have been raised by consultants about an apparent increase in mortality rates in the Neonatal Unit. Using the data available from the Badgernet database, this analysis aims to investigate the validity of these concerns.

The analysis has three aims:

1. To review the **significance** of any increase in mortality levels in the Neonatal Unit during 2015/16 and whether this represents normal variation or a significant change that breaks with long term trends.
2. To evaluate **activity** levels in the NNU during 2015/16 as a possible contributory factor. Was the unit under more pressure of work during the period?
3. To evaluate certain measures of **acuity** in NNU during 2015/16. Was the condition of neonates admitted to the unit more acute than in previous years?