

Countess of Chester Neonatal Unit
Countess of Chester NHS Foundation
Trust

Annual Report
January – December
2016

We provide therapeutic hypothermia, with cerebral function monitoring, to assist with decision making and allow for timely treatment prior to transfer to a cooling centre. There are close links to the North West milk bank which has recently moved from the NNU to the University of Chester site.

2. Outcome and activity data

This report contains activity and outcome data for the calendar year 2016. Where possible, data from previous years have been included for comparison and to explore possible trends. Data are extracted from the BadgerNet system. Where available, comparison is made to regional and / or national data.

Births and Admissions

In 2016 there were 496 admissions to the neonatal unit.

Table 1. Total admissions

Year:	2009	2010	2011	2012	2013	2014	2015	2016
Total admissions:	379	422	514	556	460	557	468	496

Figure 1. Babies and admissions 2014-2016

Mortality

Table 12. Annual mortality by gestation 2012 – 2016. There was an increase in mortality in 2015 and the first half of 2016. There has been no deaths on NNU since June 2016. Mortality in 2016 was not associated with lower gestation babies.

Gestation/Mortality	2012	2013	2014	2015	2016
23	1	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	2	1	0
28	1	0	0	1	0
29	0	0	0	2	1
30	2	0	0	1	1
31	0	0	0	1	0
32	0	0	0	0	0
33-36	0	0	1	0	2
37-42	0	3	0	4	1
Total	4	3	3	10	5

Table 13. Annual admissions to NNU by gestation 2012 – 2016:

Gestation/Total babies admitted to NNU	2012	2013	2014	2015	2016
23	1	0	0	1	0
24	0	1	2	1	0
25	0	1	1	1	1
26	6	1	1	3	2
27	4	1	4	1	5
28	4	3	2	6	1
29	7	7	7	6	8
30	12	4	9	12	7
31	9	6	20	20	7
32	18	7	11	15	10
33-36	121	101	127	128	172
37-42	274	224	293	218	235
Total	456	356	477	412	448