

## Clinical Activities

### Rationale for measurement

Demonstrates the volume of clinical activity in each organisation and information is reported on the total number of mothers delivered, the total numbers of births, the number of multiple pregnancies, and transfers in and out to hospitals.

### Measurement methodology and data sources:

Local extracts submitted monthly and extrapolated for analysis and publication.

### Target

These figures are not formatted in a way to support comparison with other hospitals or aggregation with other data.

### Performance

Hospital	Activity	2023 July	2023 Year to date
Cavan Hospital	Total Mothers delivered $\geq$ 500g (n)	99	693
	Multiple pregnancies (n)	1	8
	Total births $\geq$ 500 g,(n)111	100	701
	In utero transfer – admitted (n)	0	1
	In utero transfer – sent out (n)	1	8
Drogheda Hospital	Total Mothers delivered $>$ 500g (n)	231	1559
	Multiple pregnancies (n)	3	16
	Total births $>$ 500 g (n)	234	1576
	In utero transfer – admitted (n)	1	10
	In utero transfer – sent out (n)	2	24
Rotunda	Total Mothers delivered $>$ 500g (n)	733	4708
	Multiple pregnancies (n)	9	92
	Total births $>$ 500 g (n)	743	4803
	In utero transfer – admitted (n)	(Reported Quarterly)	14 at Q1 2023
	In utero transfer – sent out (n)	(Reported Quarterly)	3 at Q1 2023

### Performance

	Month	N= Booked	N= Delivered at Home
Geographic area associated with the Rotunda Hospital	April	4	0
	May	3	2
	June	4	4
	July	3	3
Geographic area associated with Drogheda Hospital	Month	N= Booked	N= Delivered at Home
	April	1	1
	May	0	0
	June	1	1
	July	1	1
Geographic area associated with Cavan Hospital	Month	N= Booked	N= Delivered at Home
	April	0	0
	May	0	0
	June	0	0
	July	0	0

References:

<sup>1</sup> HSE (2022) National Home Birth Services

### Performance

Hospital	2023 July	2023 Year to date
Cavan General Hospital	0	0
Drogheda Hospital	0	1.90 (n=3)
Rotunda Hospital	(Reported Quarterly)	1.02 (n=2) at Q1 2023

- July 2023 Perinatal Mortality Rate (Adjusted) for Cavan (0) was below the national rate of 0.83 (95% CI  $\pm 0.60-1.06$ , IMIS 2021). July 2023 Perinatal Mortality Rate (Adjusted) for Drogheda Hospital (0) was below the national rate of 0.83 (95% CI  $\pm 0.60-1.06$ , IMIS 2021). Q1-2023 Perinatal Mortality Rate (Adjusted) for Rotunda Hospital (1.02) was within the Confidence Interval of 95%  $\pm 0.60-1.06$  (IMIS 2021).

### NEONATAL ENCEPHALOPATHY (NE)

#### Rationale for measurement

Neonatal encephalopathy (NE) is a complex disease of a new-born infant and can be defined as clinical findings in three or more of the following domains: level of consciousness, spontaneous activity when awake or aroused, posture, tone, primitive reflexes, and autonomic system. NE can result from a wide variety of causes. Hypoxic Ischaemic Encephalopathy (HIE) is a subset of NE and is the most common cause of NE; however not all encephalopathies have a HIE.

### Performance



Description: All infants with  $\geq 35$  weeks' gestation who, during the first week of life, have either seizures alone and/or signs of neonatal encephalopathy. Caution is advised when dealing with small values

Drogheda and Cavan are within the 95% confidence interval for 2021 (curved dashed lines)  
 Rotunda is outside the 95% confidence interval for 2021 (curved dashed line)