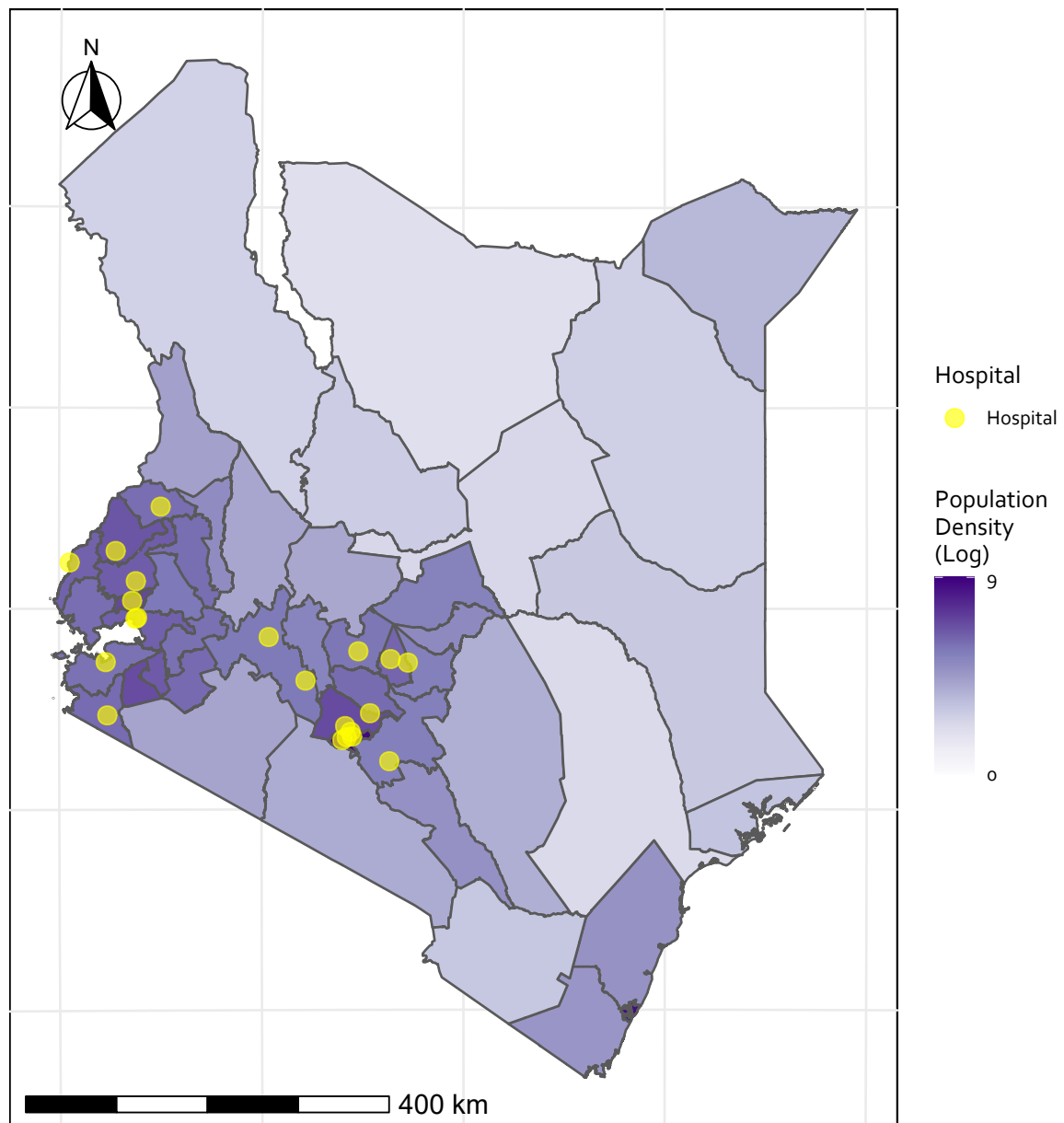


# CIN-N Morbidity & Mortality

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04 August, 2021

## CIN - Neonatal Hospitals



## Mortality Data

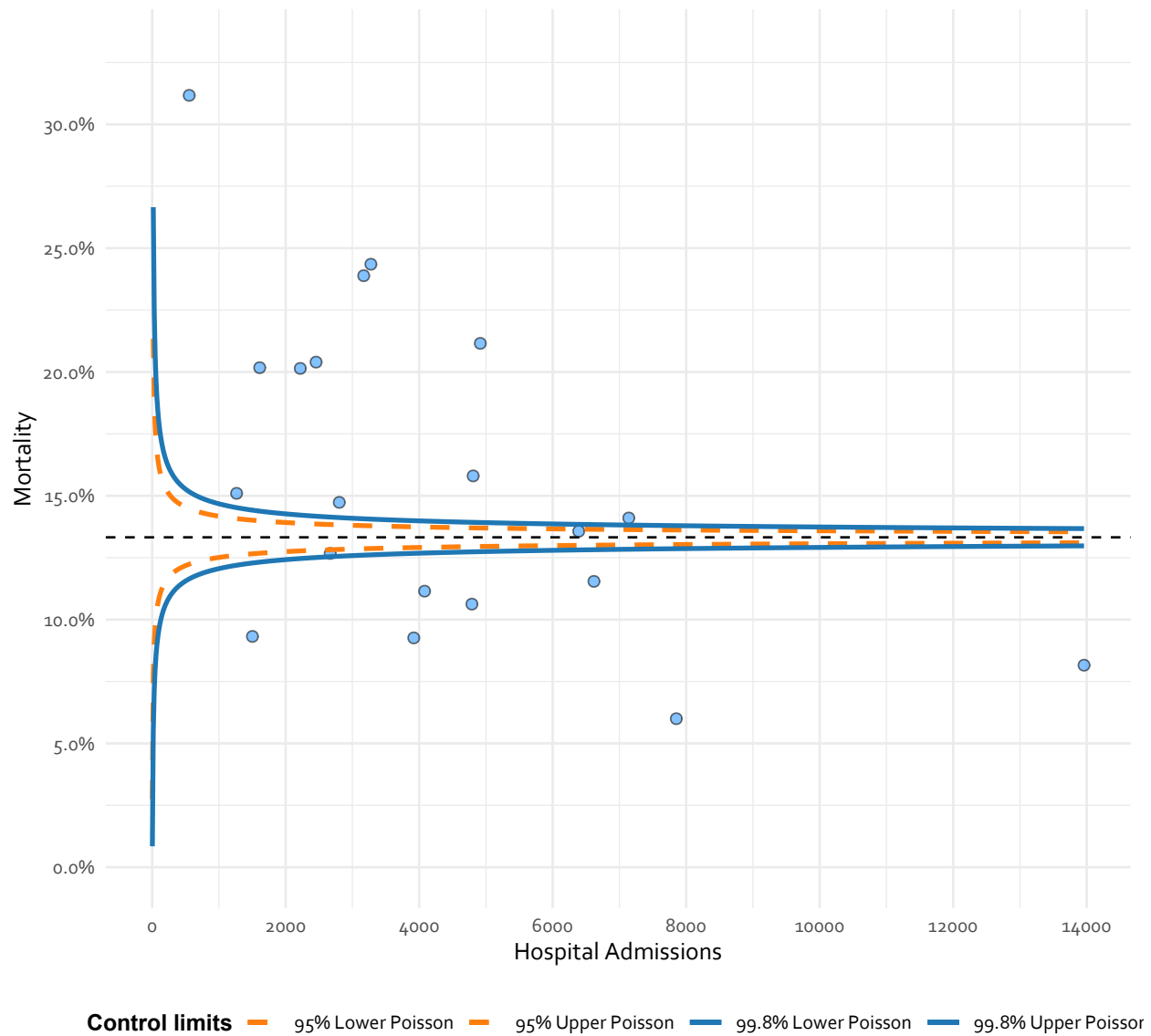
Table 1: Mortality rate across CIN-N Hospitals, Jan 2018 - July 2021

Hospital	Admissions	Deaths
Bungoma County Referral Hospital	3277	798
Busia County Referral Hospital	2219	447
Embu Level 5 Teaching and Referral Hospital	4790	509
Homabay County Referral Hospital	555	173
Jaramogi Oginga Odinga Teaching and Referral Hospital	2456	501
Kakamega County General Teaching and Referral Hospital	4916	1040
Kerugoya County Referral Hospital	4081	455
Kiambu Level 5 Hospital	6618	764
Kisumu County Hospital	1502	140
Kitale County Referral Hospital	3169	757
Machakos Level 5 Hospital	7852	471
Mama Lucy Kibaki Hospital	7140	1007
Mbagathi County Hospital	2803	413
Migori County Hospital	1611	325
Naivasha Level 5 Hospital	2667	338
Nakuru Level 5 Hospital	4809	760
Nyeri County Referral Hospital	3919	363
Pumwani Maternity Hospital	13960	1139
Thika Level 5 Hospital	6390	867
Vihiga County Referral Hospital	1265	191

## Funnel Plots

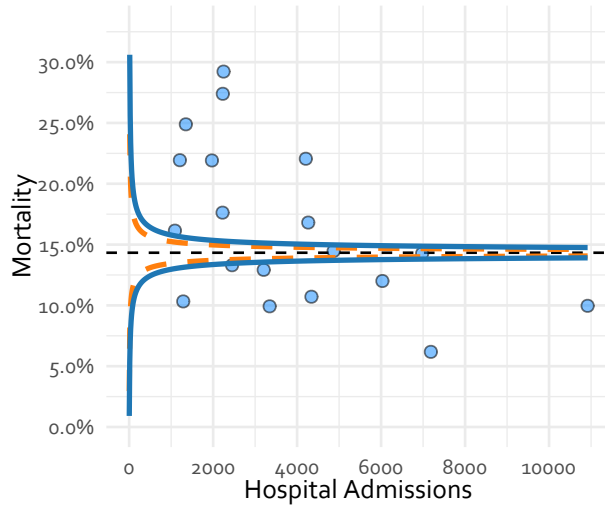
### Mortality across all admissions

Mortality Funnel plot for CIN-N data, Jan 2018 - July 2021  
(N = 85999)

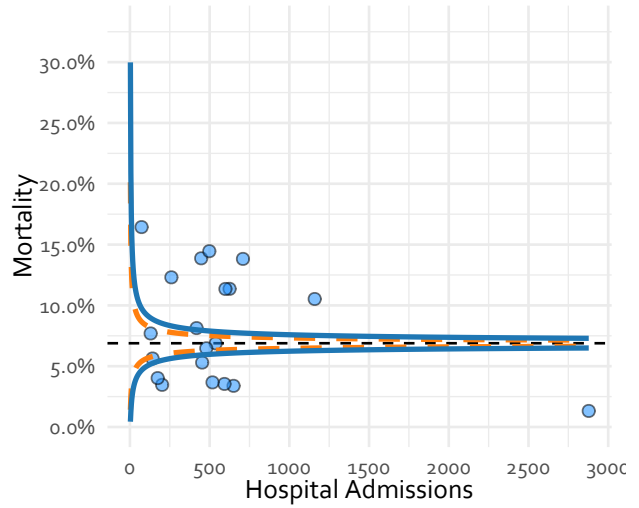


## Mortality by age

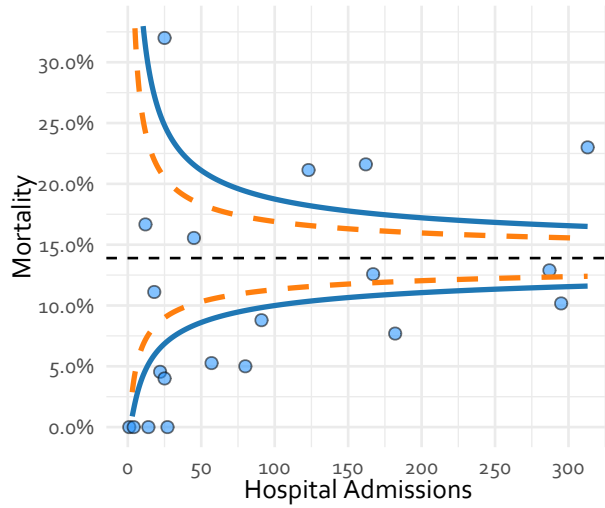
**A** Patients aged 24 hours or less  
(N = 71881)



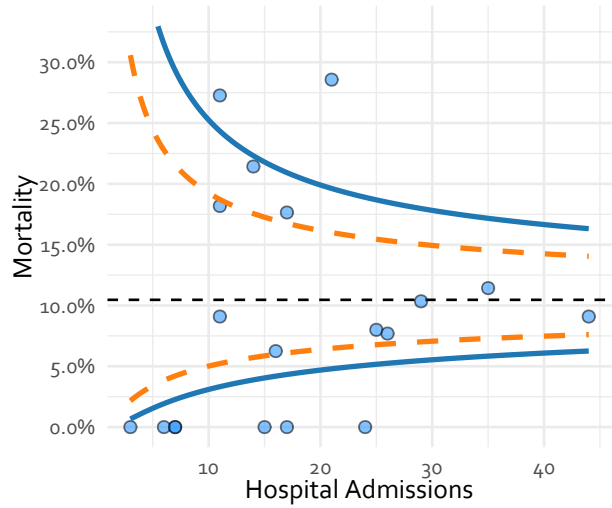
**B** Patients aged >1 - 6 days  
(N = 11545)



**C** Patients aged 7-28 days  
(N = 1950)



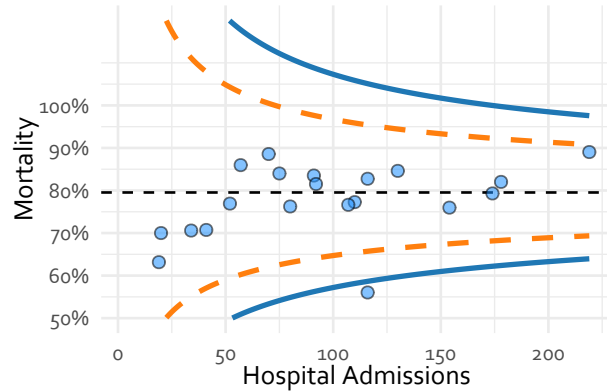
**D** Patients aged > 28 days  
(N = 344)



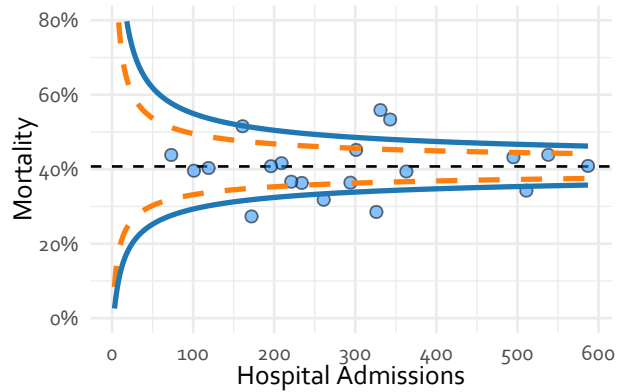
**Control limits** — 95% Lower Poisson — 95% Upper Poisson — 99.8% Lower Poisson — 99.8% Upper Poisson

## Mortality by Birth Weight

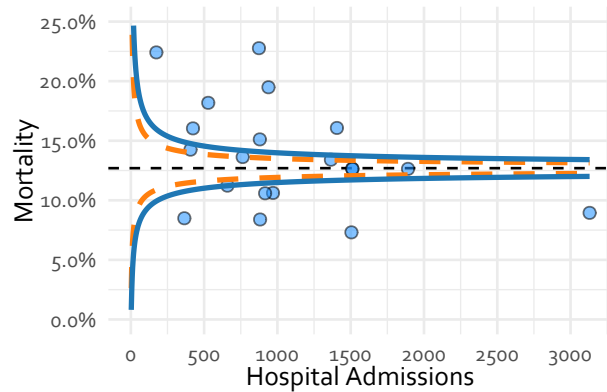
**A** Birth Weight: 1000 gms & Below  
(N = 1935)



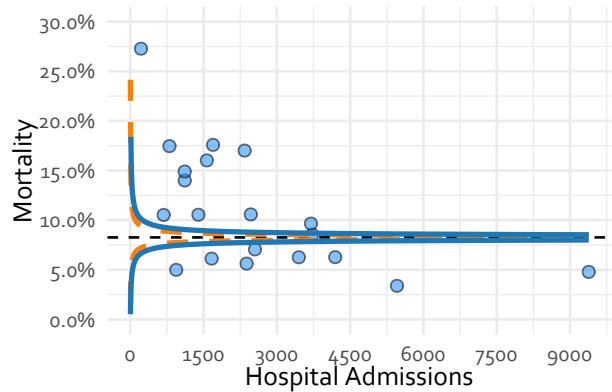
**B** Birth Weight: 1001 - 1499 gms  
(N = 5836)



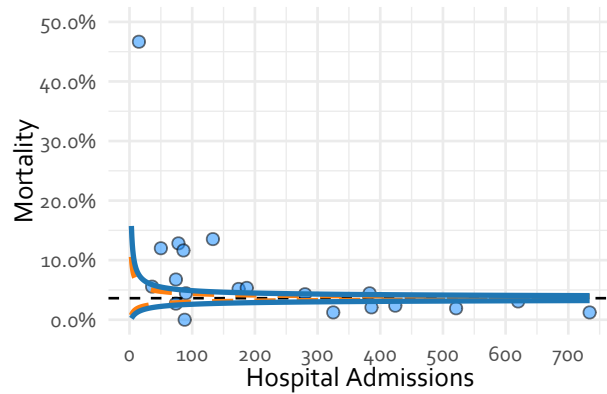
**C** Birth Weight: 1500 - 2499 gms  
(N = 21100)



**D** Birth Weight: 2500 - 4000 gms  
(N = 50848)



**E** Birth Weight: > 4000 gms  
(N = 4758)

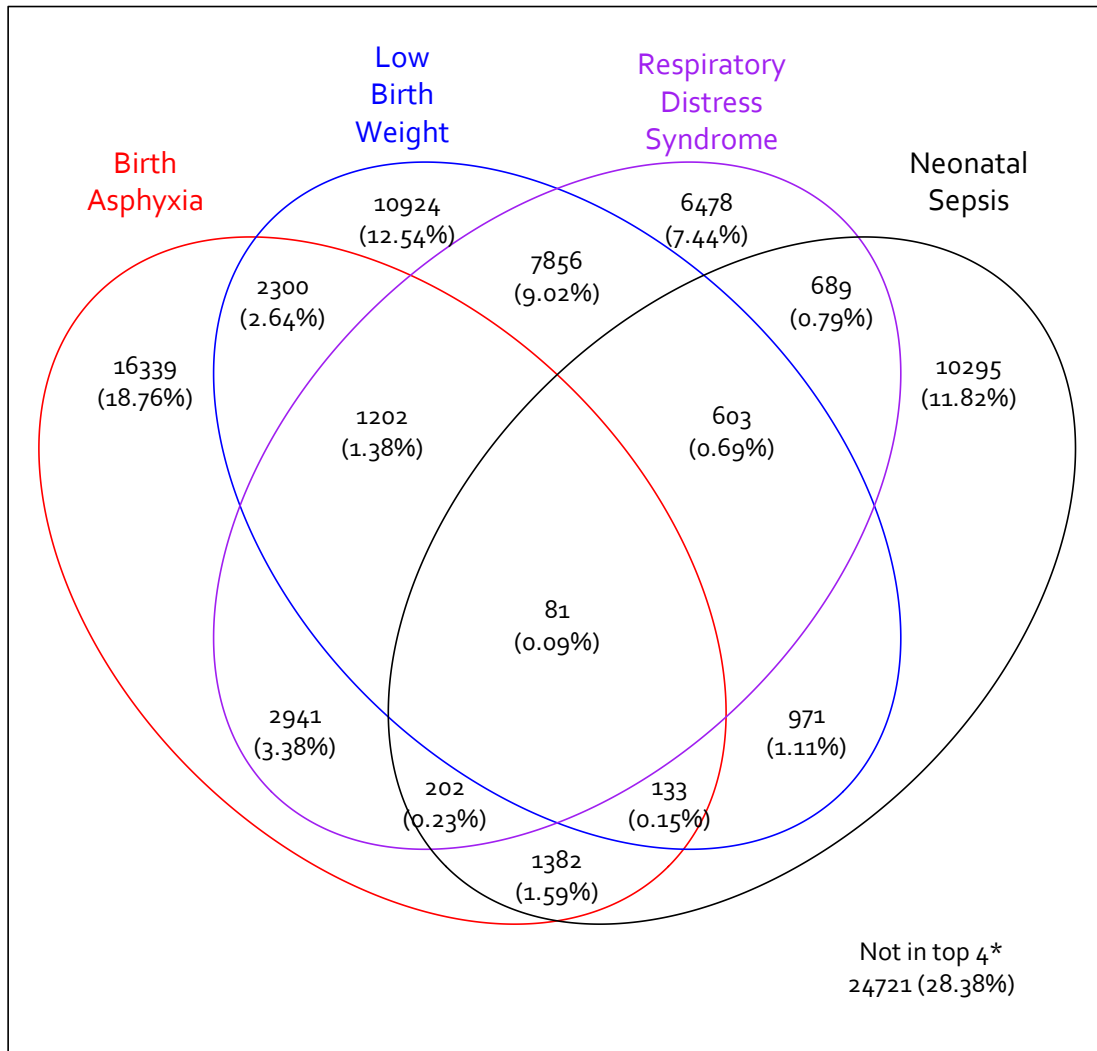


**F**

### Control limits

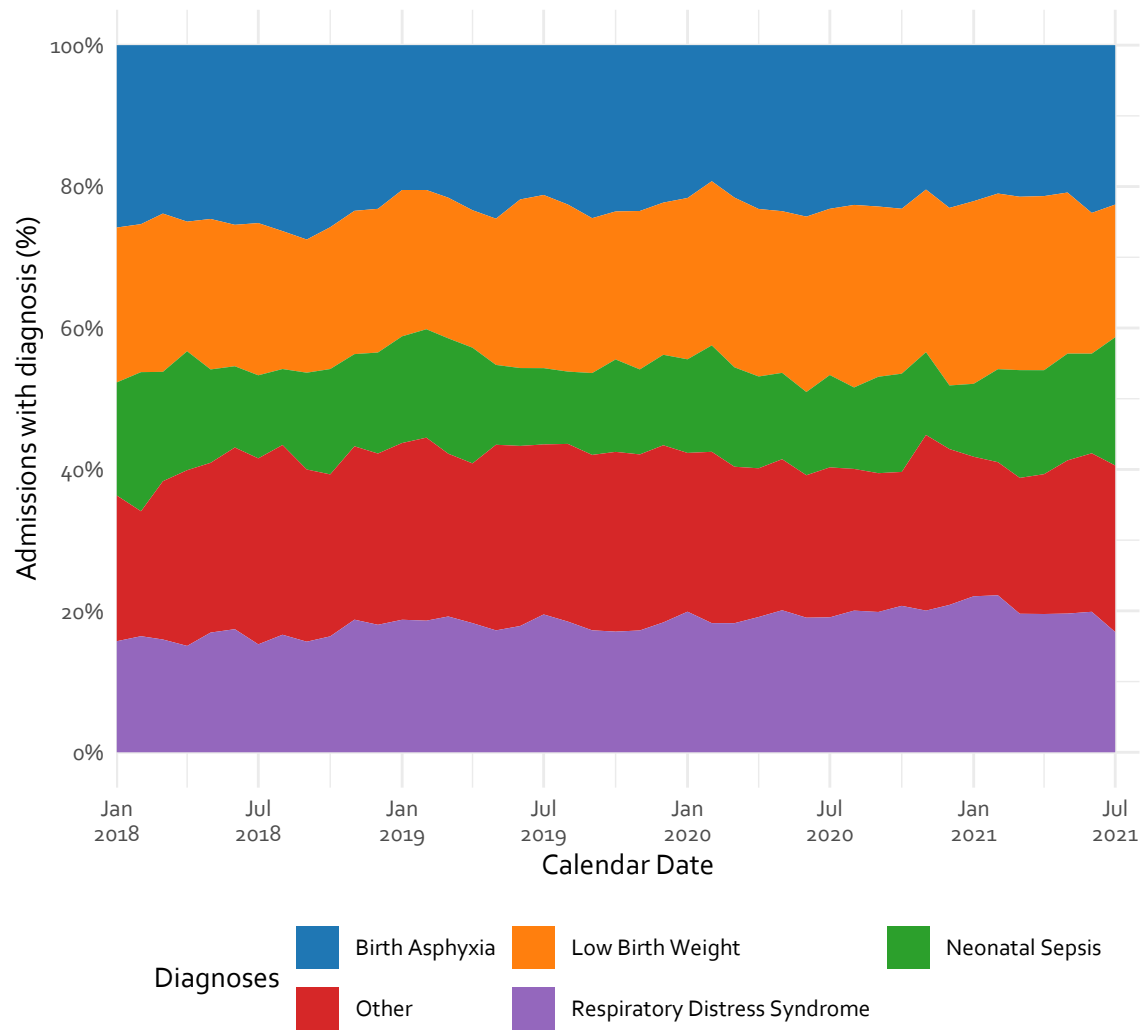
- 95% Lower Poisson
- 95% Upper Poisson
- 99.8% Lower Poisson
- 99.8% Upper Poisson

## Top newborn admission diagnoses over time



## Admission diagnoses over time

Top 4 diagnoses



The end