

Lessons from the PHR 2018

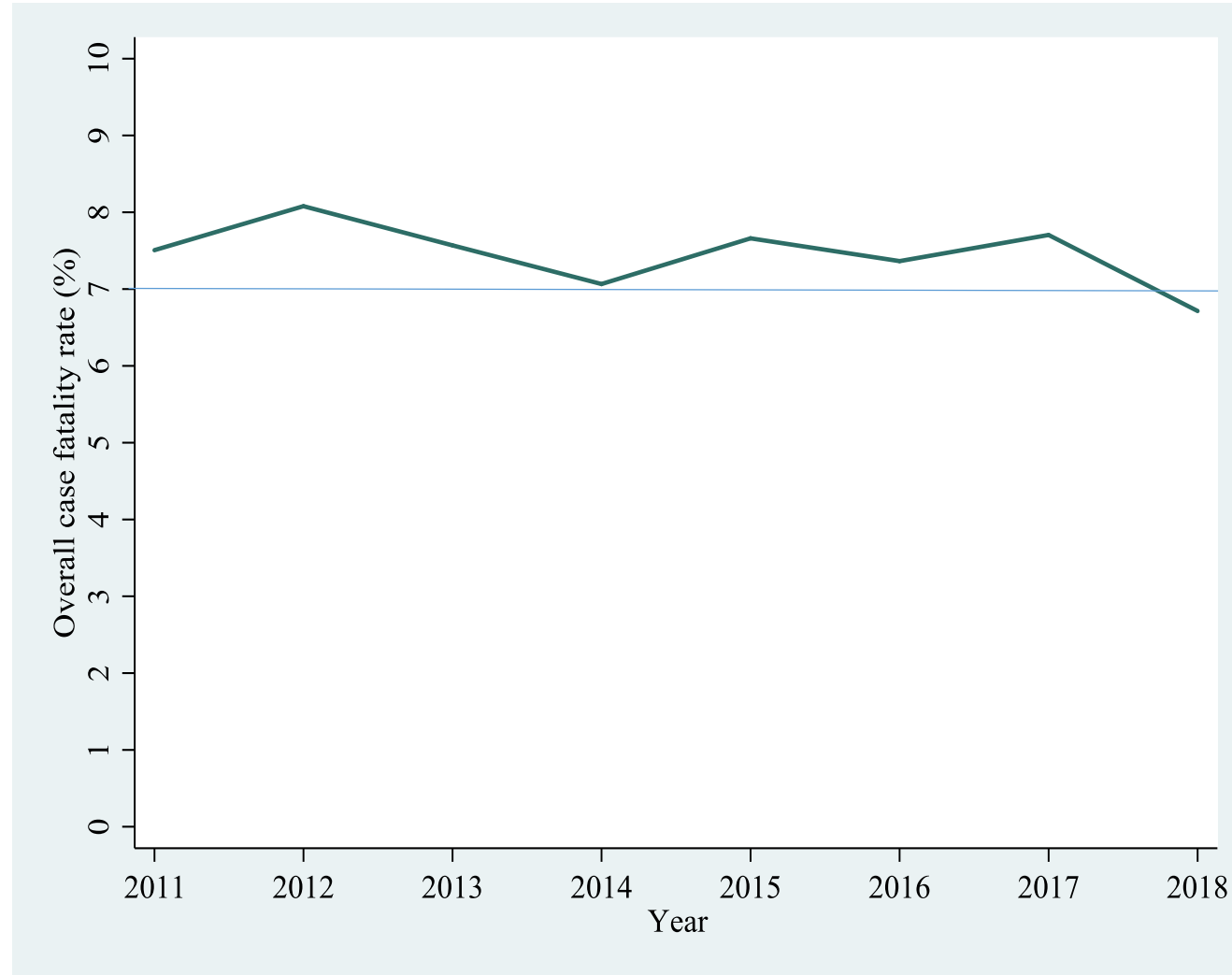
PHR 2018

- Best participation in 10 years (18 hospitals)
- 15 provincial hospitals, 2 district hospitals (Kompiam, Mambisanda), plus Gerehu
- Nearly 25,000 admissions
- Edilson visited every hospital

Lowest overall CFR in 7 years

18 hospitals
24,960 admissions
1676 deaths
CFR = 6.71

Compared with all
previous years a
significant
difference
Cumulative CFR
7.4%



Diagnoses	Admissions 2018	Deaths 2018	CFR 2018
All paediatric admissions	24,960	1676	6.7
Pneumonia	5292	185	3.5
Severe pneumonia	1632	157	9.6
Neonatal conditions	7725	643	8.3
Diarrhoea	2716	113	4.2
Malaria	1026	43	4.2
Severe malnutrition	2548	315	12.4
Tuberculosis	2175	189	8.7
Meningitis	859	133	15.5
HIV	547	87	15.9
Anaemia	2553	280	11.0
Rheumatic heart disease	92	6	6.5
Congenital heart disease	476	70	14.7
Measles	1	0	0.0
Cancer	92	25	27.2
Tetanus	6	5	83.3
Acute flaccid paralysis	64	2	3.1
Whooping cough	24	1	4.2
Child protection	195	29	23.3
Trauma and injuries	221	7	3.17
Total	24,960	1676	6.71

Pneumonia outcomes

Biggest gains in **pneumonia**

5292 admissions

185 pneumonia deaths

CFR = 3.5%

Cumulative CFR previous
years 4.7

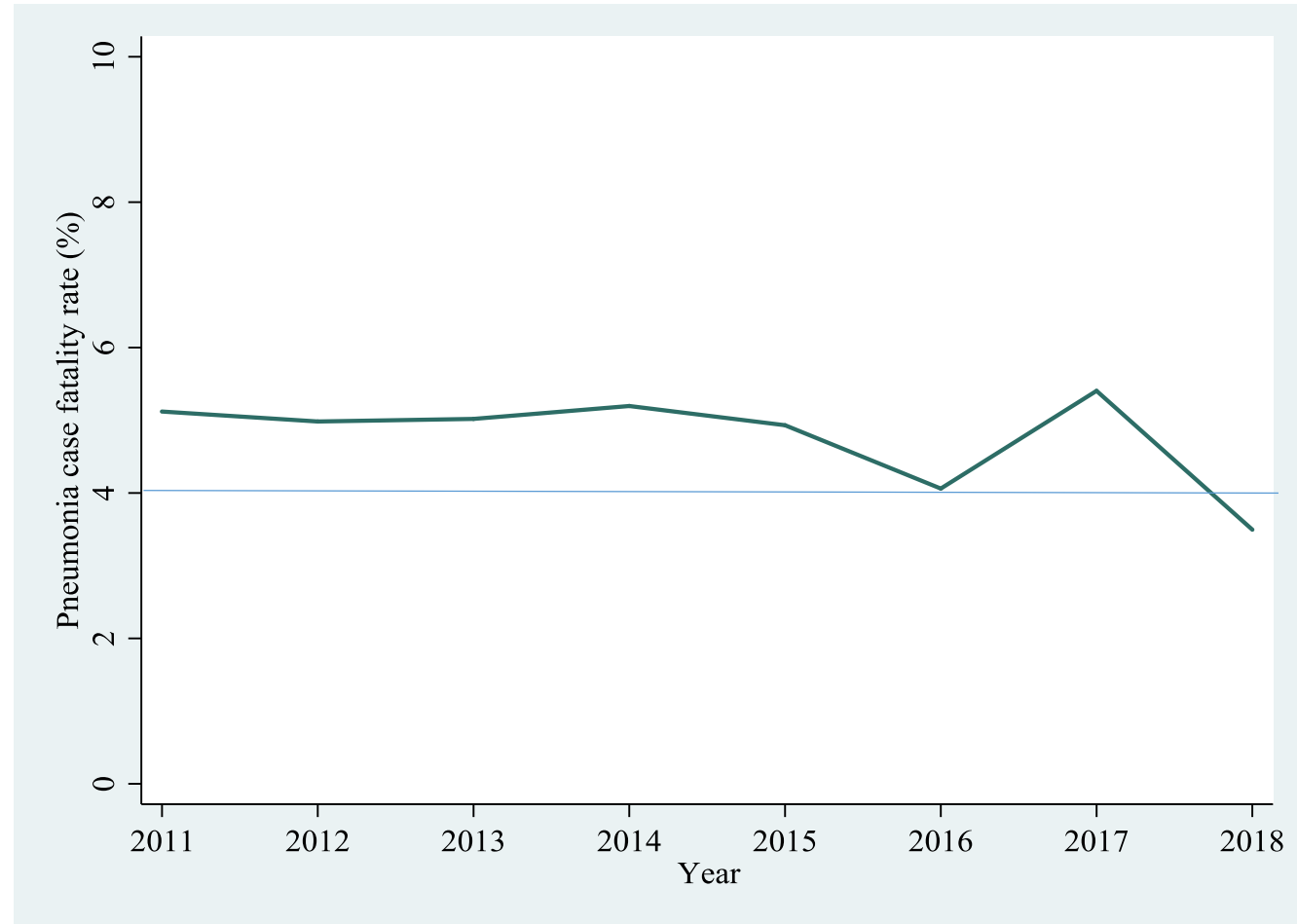
Severe pneumonia

1632 admissions

157 deaths

CFR = 9.6%

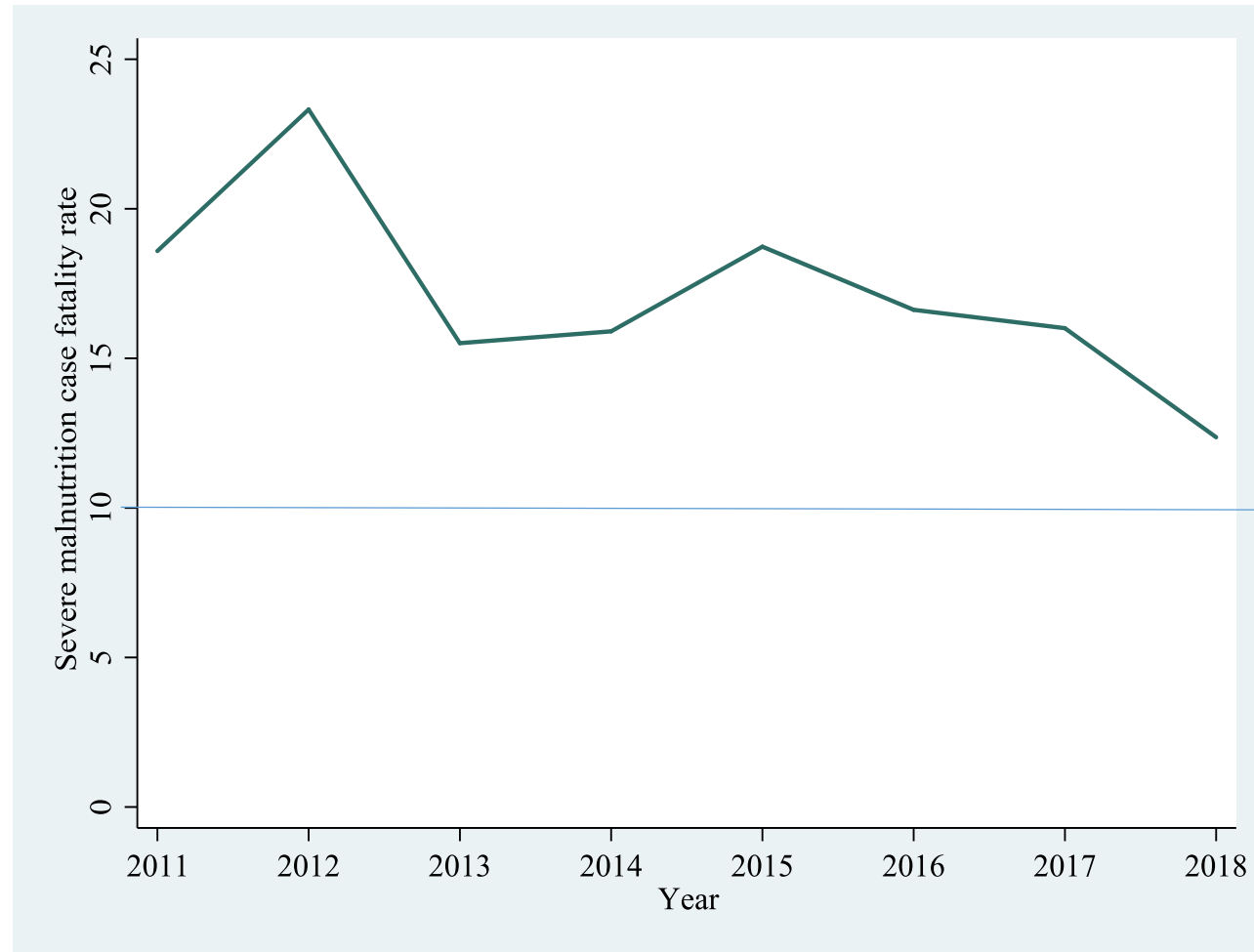
Cumulative CFR previous
years 11.33



Severe malnutrition

Consistent fall in CFR
for severe
malnutrition
2548 admissions
315 deaths
CFR = 12.4%

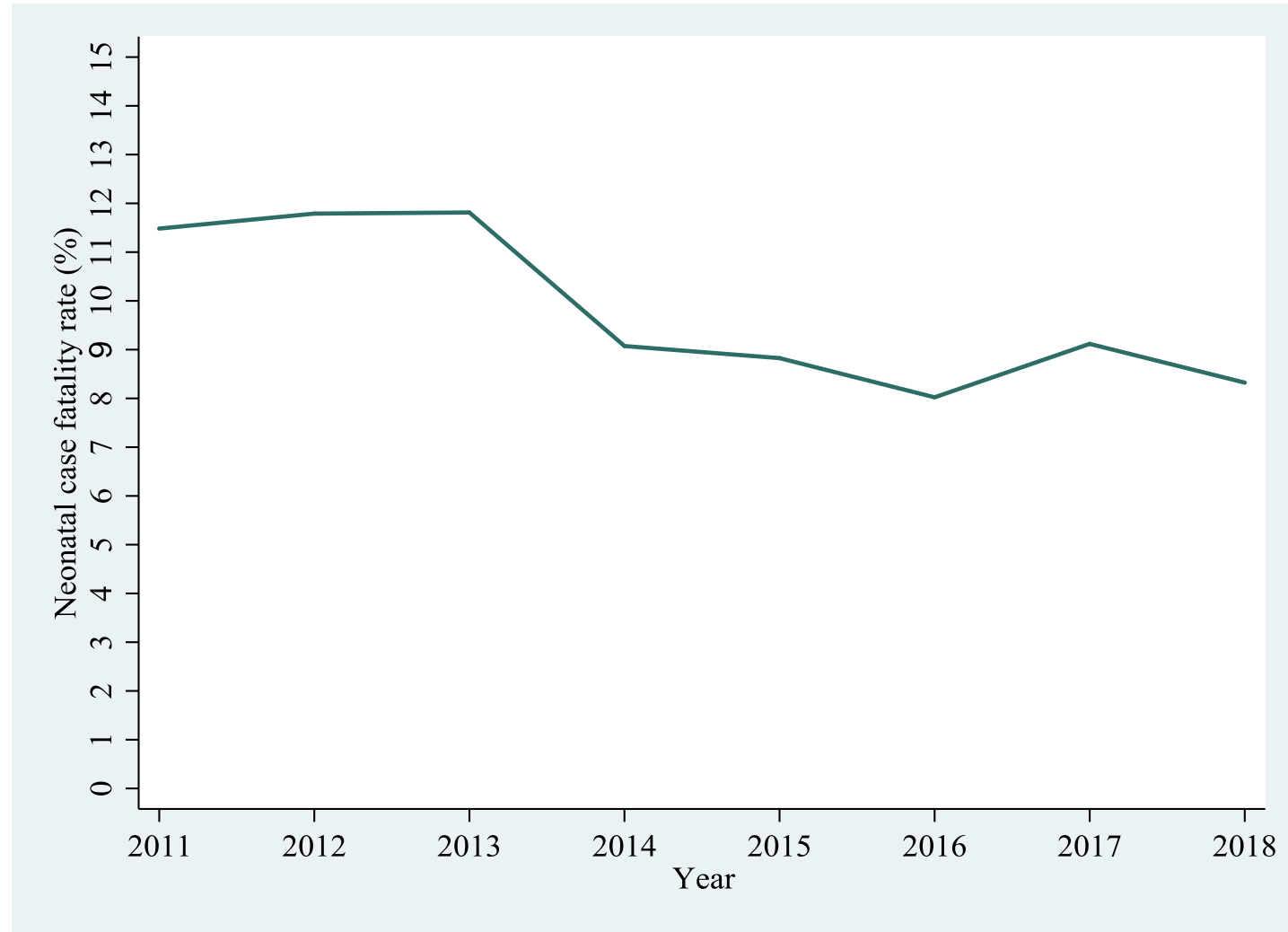
Cumulative CFR
previous years 17.7%



Neonatal mortality rate

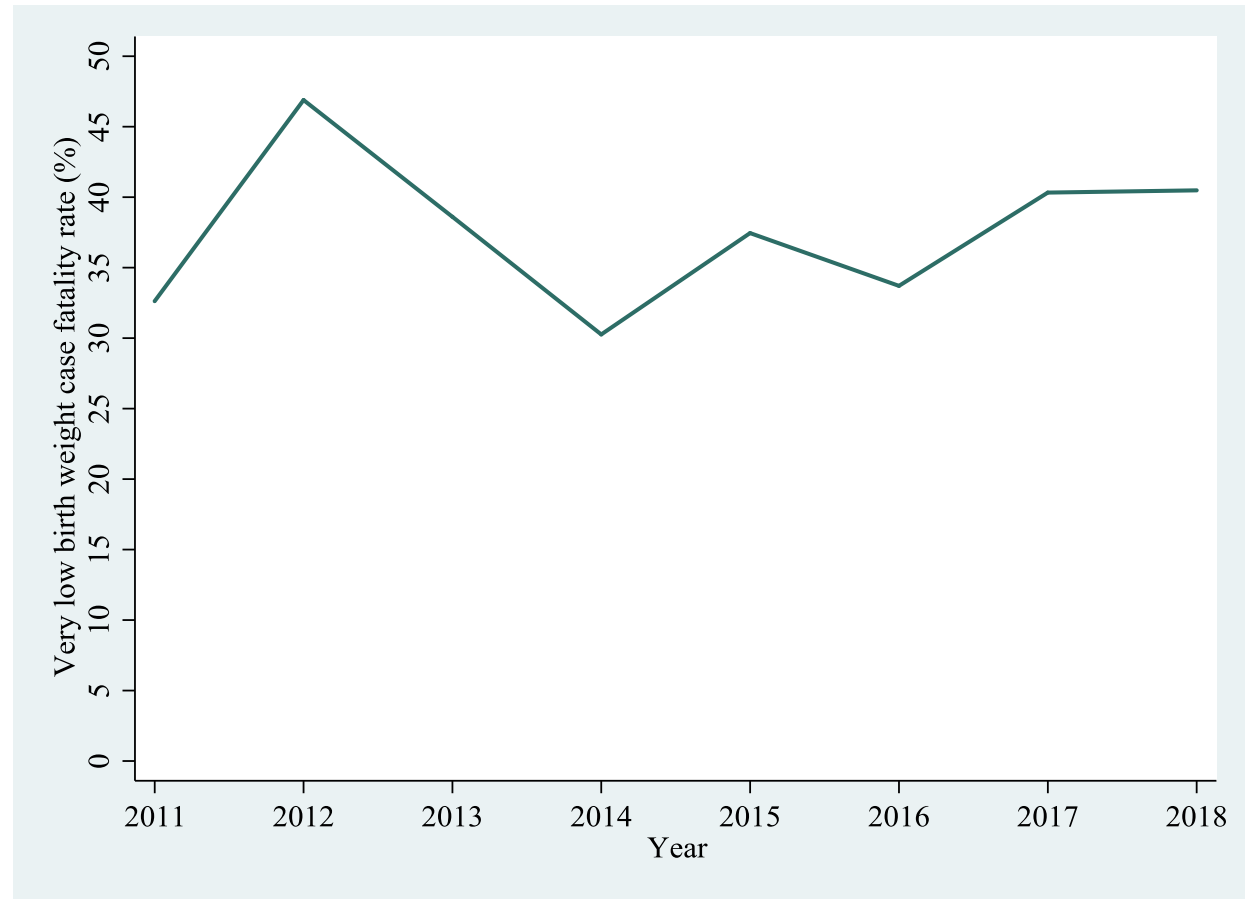
Slow fall in CFR for neonatal admissions:
7725 admissions
643 deaths
CFR = 8.3%

Cumulative CFR previous years
9.72%



Neonatal and perinatal care

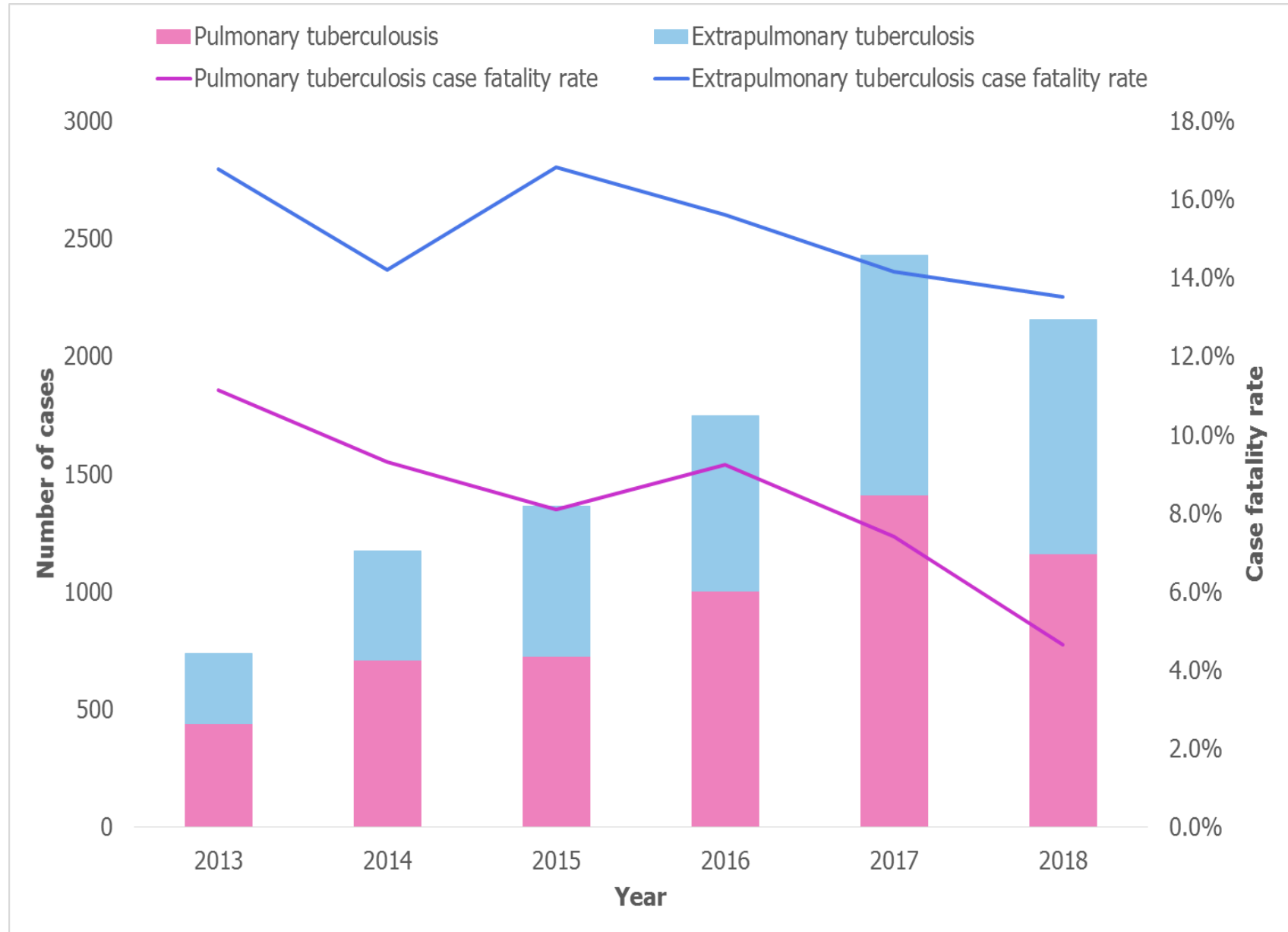
- Birth asphyxia 1812 admissions, 245 deaths (CFR 13.5%). Birth asphyxia accounted for 38% of all neonatal deaths
- Very low birth weight (1000-1499): 536 admissions; 217 died (40.5%)



Very low birth weight (1000-1499g)

2175 children
admitted with
tuberculosis
189 deaths
CFR = 8.69%.

EPTB 13.5%
PTB 4.7%



Why have there been improvements?

- More paediatricians in the provinces, since 2010, about 10 additional paediatricians working in the provinces
- Training on SAM, and Hospital Care for Children
- EENC should improve neonatal outcomes in the coming years
- Better availability of oxygen and oximetry
- Changes in epidemiology of pneumonia, meningitis

PHR future

- V12 completed and tested, start using 1st January 2020.
- Maternal and newborn component
- Keep it stable for 3-5 years?
 - + Child protection data from Family Support Centres?
 - + HIV outcome data from clinics?
- Sustainability
 - Funding for Paediatric Surveillance Officer, travel
 - Production of Annual Report, printing and distribution