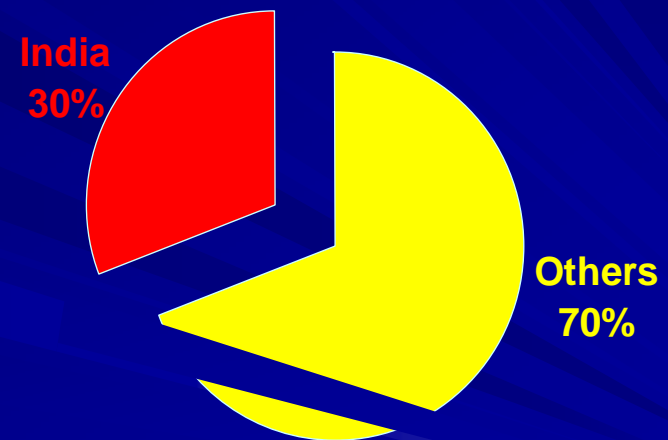


Newborn health in India

Newborn Health Challenge in India

- 26 million births / year
 - Account for 20% of Global births
- 1.2 million deaths in neonatal period
 - Account for about 30% Global deaths

Deaths - Global Vs India



India accounts for highest births & neonatal deaths

Neonatal mortality rate (NMR)

- Current – 25-30/1000 live births

Accounts for almost 2/3rd of IMR & 1/2 of U5-MR

- Nearly 3/4th of neonatal deaths occur within 7 days, most during first 48 hours

NMR - State wise

- 10 in Kerala
- 60 in Orissa, M.P.
- U.P., M.P, Bihar together contribute to nearly 50% of neonatal deaths in India
(about 15% of the global burden)

Perinatal indices

- Still birth rate: 30-35 per 1000 births
- Perinatal mortality rate: 60-70 per 1000 births
- Approx. 0.8 million still births & 1.7 million perinatal deaths annually

Place of birth

- 2/3rd of deliveries at home
- Only 42% attended by skilled birth attendants*

Higher the institutional births, lower is the NMR

	Inst. births	NMR
<i>Kerala</i>	90	10
<i>M.P/ Bihar</i>	11-15	60

* doctors, nurses, and midwives

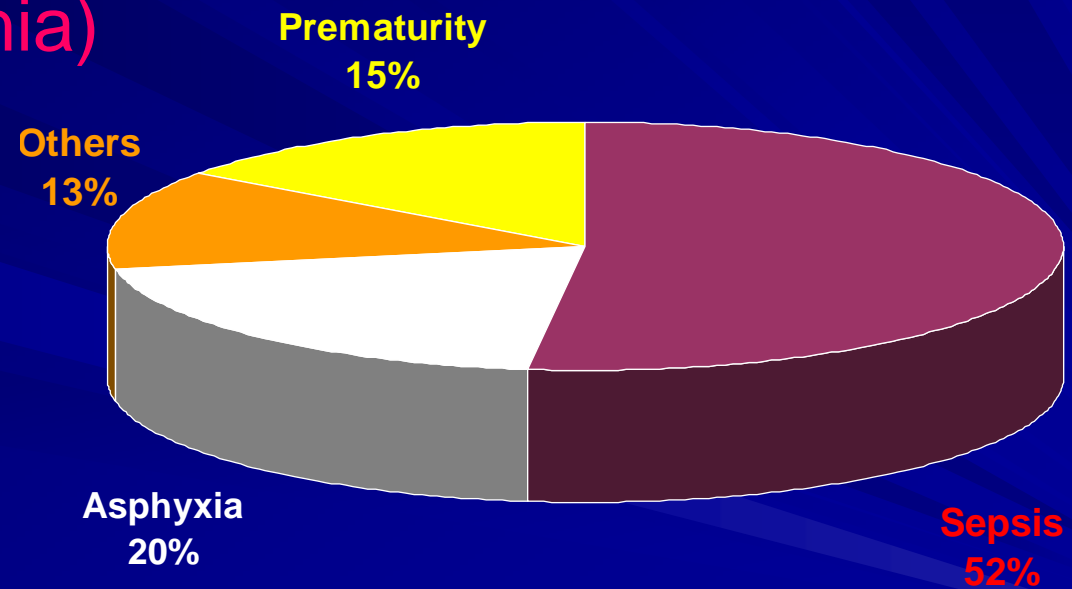
Causes of Neonatal Death

- Neonatal sepsis
(includes pneumonia)

- Birth asphyxia

- Prematurity

- Tetanus declined
'1980-90'



Source: Bang AT et al, Lancet 1999

Decline of NMR

- Rapid decline in the eighties

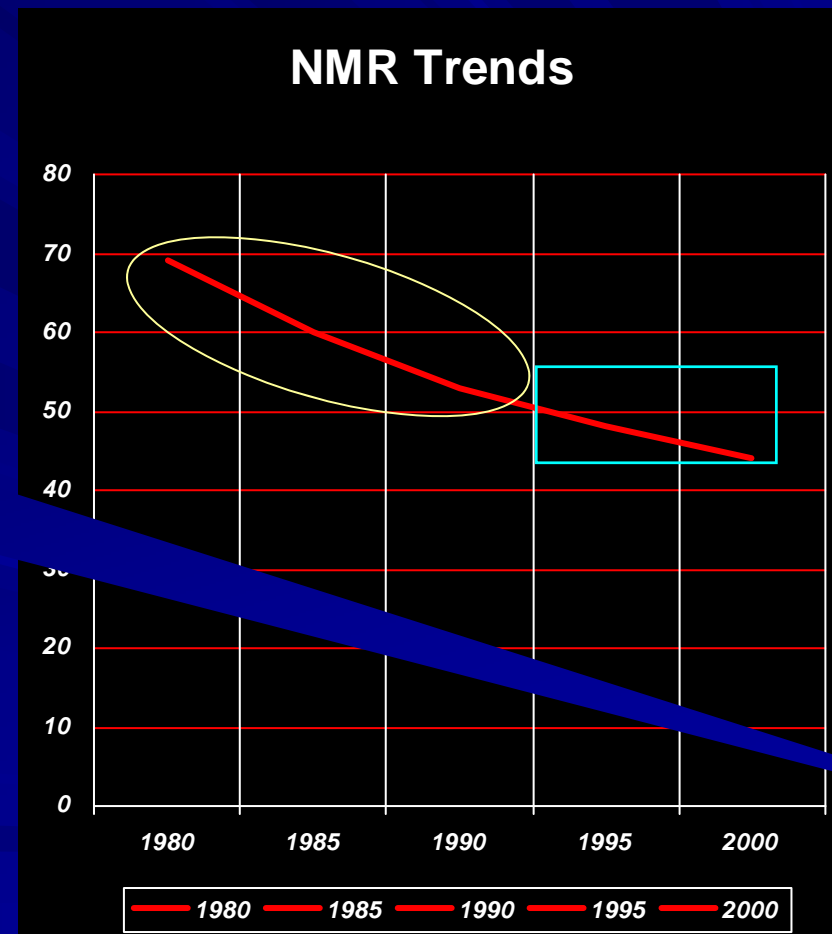
– 69 in 1980

– 50 in 1990

- Stagnation since the nineties

– 48 in 1995

– 44 in 2000



Why static NMR?

- ❖ Govt. programmes focused to post neonatal periods
 - Diarrhoeal Disease Control
 - ARI
 - Immunization
- ❖ Focus of essential newborn component was on a limited number of government facilities
- ❖ Lack of skilled persons for managing newborn

Way forward

- Importance to newborn health
- Earlier initiatives CSSM, RCH-I
- RCH – II (2005-10)
 - IMNCI: Community & facility
 - Promotion of institutional deliveries
 - Strengthening of health facilities

National Goals

	Current	10th five yr plan 2007	NPP 2010	MDG Targets 2015
IMR	64	45	<37	27
NMR	44	26	<20	<20
MMR	407	200	<100	100
Hospital births	34%	80%	80%	

NPP: National Population Policy; **MDG:** Millennium Development Goals