

Childhood Pneumonia Reduction Efforts and COVID-19 : Bangladesh Context

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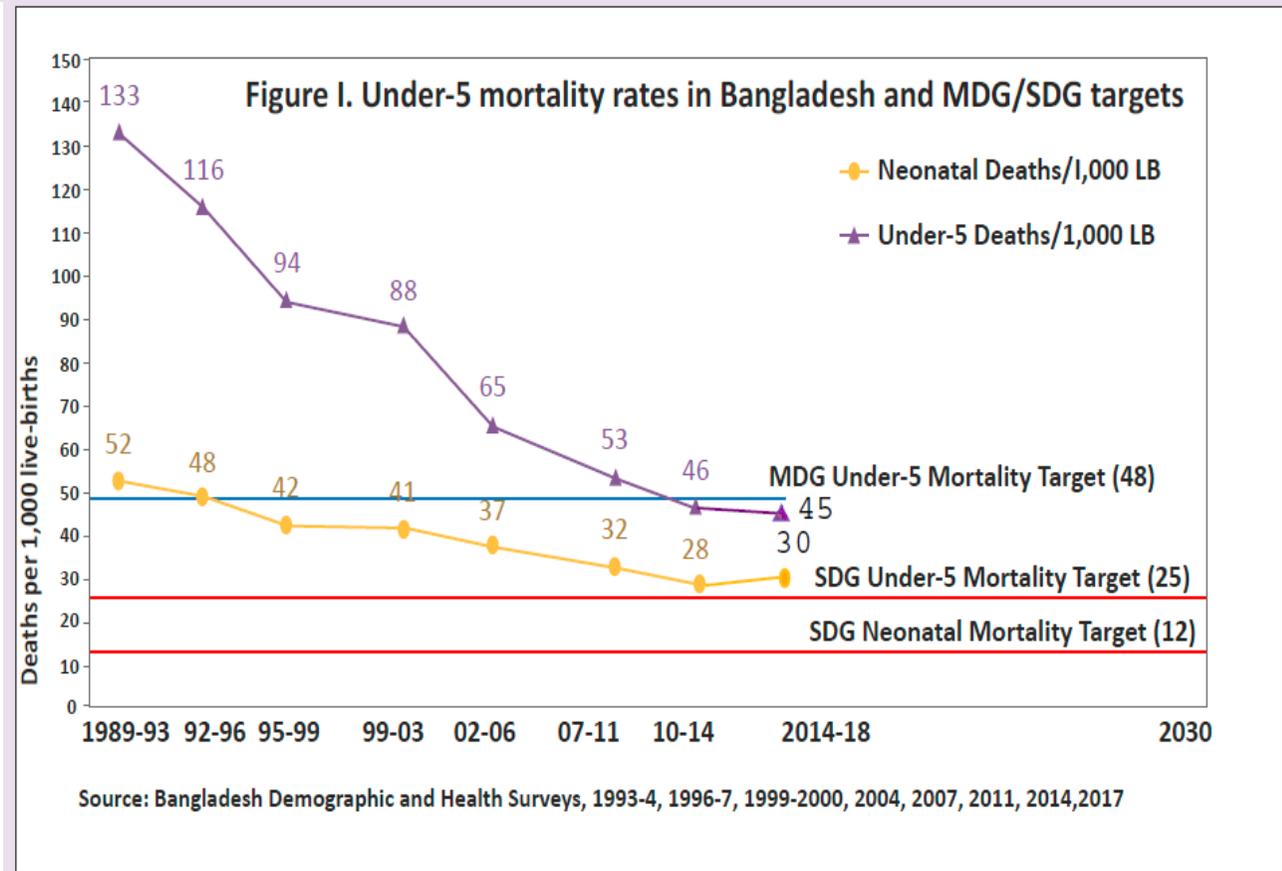
Bangladesh : Key Pneumonia facts



24,000 children under 5 death from Pneumonia;

18% of all under 5 mortality

8 per 1000 live births, under five mortality rate due to Pneumonia



Source : Bangladesh demographic and Health Survey 2017-2018

3 per 1000 live births is the target Pneumonia death rate under five by 2025 as envisaged under the Global Action Plan for Pneumonia & Diarrhoea (GAPPD)

Bangladesh : Key Pneumonia facts



SUCCESS :

- Significant progress in reduction of child mortality
- IMCI have been scaled up with a service provision at all tiers –facility & community
- PCV is included in routine EPI
- Sustained good coverage of immunization.

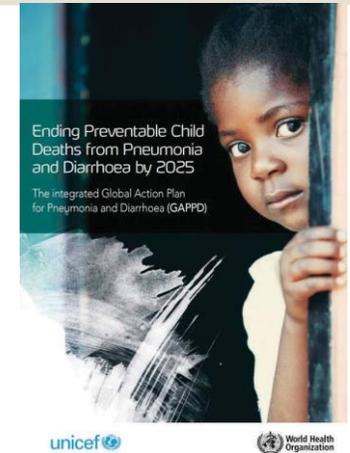
GAPPD : Coverage indicator

Immunization

coverage among 1-year old
in 2019

98% Pentavalent 3 , 98.6%

97% PCV3, 92.5, 98.2 %



Nutrition

Exclusive Breast Feeding: **65%**

Care Seeking for Pneumonia

46% children go to facilities for treatment.

63% treated with Antibiotic

Air pollution :

20% people with primary reliance
on clean fuels and technologies

KEY FACTS : COVID-19



Case :
742400



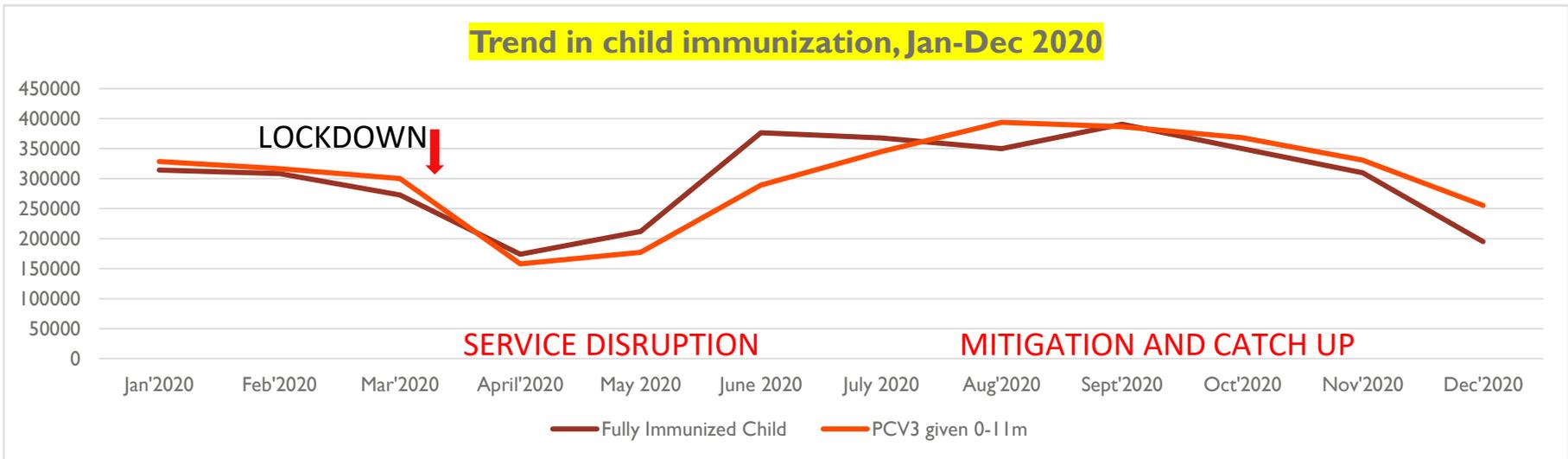
Death :
10952



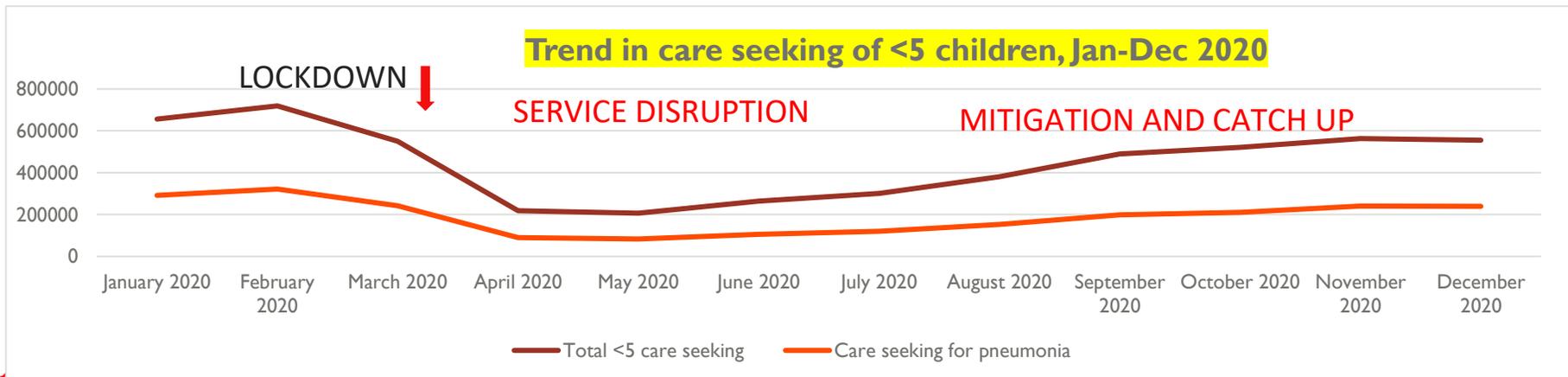
Vaccine
(2nd dose):
1966540

Effect on Essential Service Delivery

Trend in child immunization, Jan-Dec 2020



Trend in care seeking of <5 children, Jan-Dec 2020



ACTION & OPPORTUNITIES

Strategy & Guideline :

- Health Facility Preparedness and Readiness assessment for the COVID-19
- National guideline for MNCAH and EPI services in the context of COVID-19,
- Updated IMCI Package with recent WHO recommendation, PSBI management
- Pediatric QoC standards integrated in Quality Improvement initiatives

Partnership & advocacy

- Advocacy for integration of activities as per new guidelines and standards in the 4th HPNSP
- Partnership with professional organizations
- Functional MoH-led Coalition of stakeholders (IMCI working group)
- Advocacy through Round able, use of social media platform

HMIS, Monitoring and Learning

- Oxygen monitoring indicators integrated in DHIS 2
- Update IMCI registers and reporting in DHIS-2 as per revised protocol
- Dashboard on IMCI progress indicators
- Onsite and online monitoring by program and technical experts
- Operation Research on pulse oximetry, digital auscultation, low cost bCPAP



Action & Opportunities

Access to Oxygen :

- Increase support to strengthen respiratory care for COVID-19 patients
- National Guideline on hypoxemia management with rational use of oxygen developed
- Liquid Medical Oxygen System at all secondary and tertiary level hospitals covering all 64 districts,
- Unicef support for new Liquid Medical Oxygen System and strengthening the capacity of existing LMO system in 30 specialized hospitals, medical college hospitals & district hospitals.
- Unicef support for facility readiness with life saving oxygen medical equipment (Pulse Oximeter, Concentrator etc.),
- Capacity development on safe and rational use of oxygen

Financing :

- NNHP & IMCI of MOH allocated approximately of 2290 lac BDT for the fiscal year 2020-21 for procurement of logistic (Pule Oxymeter, ARI timer), Medicine (Amoxicillin DT, Gentamycin), training and Social and Behavioral change Communication (SBCC).
- MOH secured approximately 62305 lac BDT for the fiscal year 2020-21 for PCV vaccine (12% co financing from GOB)
- Unicef procured oxygen medical equipment – for a value of US\$12.28 million during COVID to strengthen oxygen therapy.

ACTION & OPPORTUNITIES

CHALLENGES :

- COVID-19 second wave –more aggressive, may hamper the essential IMCI & immunization service provision
- Availability of IMCI trained provider, Supply chain (Uninterrupted availability of Amoxicillin DT)
- Inadequate facility readiness and capacity for inpatient care as per standards.
- Coordination with other sectors : control air pollution, improved sanitation and water supply
- Appropriate care seeking and antibiotic for case management
- Humanitarian situation: poor coverage in Rohingya FDMN - Under five children: approximately 111948 (.1 million) ; PCV 3 coverage 65.7%

LOOKING FORWARD :

- Incorporation of Pneumonia control strategy within the broader National Child health strategy
- Ensure quality inpatient care of children as per standards
- Strengthen coordination across programs, sectors and partners
- Adapt appropriate SBCC strategy for Increased demand and address other social barriers through Community and social mobilization
- Advocacy for strengthening PHC System including increase resource allocation for Universal Coverage in upcoming 5th Health sector plan

Save the Children fighting for breath

Pneumonia Centenary Commitment (PCC)

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- PCC was launched in early 2017
- 9 Beacon countries of Asia and Africa
- Linked to organization's 100th anniversary
- Pneumonia is 1 of 3 centenary commitments

Save the Children's activities in Bangladesh for Pneumonia:

Breathe for Life Project : 2012 to 2014;

CCM : 1 Jan-31 Dec 2015

Enhanced Management of Pneumonia in

Community (EMPIC) : 2016 to 2018

Pneumonia Centenary Commitment (PCC) :
2019-2022

SUCCESS :

Globally

- **Signed a strategic partnership with UNICEF** in the nine beacon countries
- Played a key role in organising the first ever **Global Forum on Childhood Pneumonia**, with Every Breath Counts coalition and other partners in the Global Forum Steering Committee.

Asia:

- In collaboration with UNICEF and CHAI, supported **the Indian Ministry's successful SAANS Campaign.**
- Our advocacy has contributed to introduce **Pneumonia conjugated vaccine (PCV) into Indonesia's immunisation programme.**



THANK YOU