

Better care can save 3-m babies, mothers per year, study reports

May 20 2014



Credit: Photo by Chris Meyer, Indiana University

The lives of three million women and babies can be saved every year by 2025 for an annual investment of about a dollar per head in better maternity care, researchers said Tuesday.

About 8,000 newborn babies die and another 7,000 are stillborn every day—2.9 million and 2.6 million per year respectively, according to a review of data from 195 countries published in *The Lancet* medical journal.

Most of the deaths are avoidable.

"There is an urgent, unmet need to provide timely, high-quality care for

both mother and baby around the time of [birth](#)," said study co-author Joy Lawn of the Centre for Maternal Reproductive and Child Health at the London School of Hygiene and Tropical Medicine.

"Each year, one million babies die on their birth day—their only day. Without greater investments to improve [birth outcomes](#), by 2035 there will be 116 million deaths" of mothers, newborns and unborn infants.

About a quarter of a million women worldwide die every year due to complications from carrying or delivering a baby.

The annual cost of expanding prenatal and birth care to 90 percent of women and babies in the world by 2025 would amount to some \$5.65 billion (4.1 billion euros) by 2025, said the team—about \$1.15 per person living in the 75 countries of the world with the highest burden.

They calculated such expansion could save the lives of 1.9 million newborns and 160,000 women, and prevent 820,000 stillbirths per year by 2025.

This would amount to just under \$2,000 spent per life saved—which the researchers said amounted to a triple to quadruple return on [investment](#) in terms of labour capital preserved and other benefits.

Proper care involves prenatal examinations, assistance at birth, adequate nutrition after delivery, promotion of breastfeeding, infection control, as well as access to medicine, skilled midwives and nurses and timely specialist care.

Half of the world's newborn deaths occurred in five countries: India (779,000), Nigeria (276,000), Pakistan (202,400), China (157,000) and the Democratic Republic of Congo (118,000), the study said.

"A preterm baby is at least 11 times more likely to die if born in Africa than in Europe or North America," said the researchers.

On current trends, it would be more than 110 years before a baby born in Africa has the same chances of survival as one born in North America or Europe.

The researchers said stillbirths were an "invisible" problem—as most never got a birth or death certificate and were not factored into targets for reducing [infant deaths](#).

Many newborns also were never documented.

"This fatalism, lack of attention, and lack of investment are the reasons behind lagging progress in reducing [newborn deaths](#)—and even slower for progress in reducing stillbirths," said Lawn.

"In reality, these deaths are nearly all preventable."

The UN is targeting a two-thirds reduction of under-five mortality between 1990 and 2015.

© 2014 AFP

Citation: Better care can save 3-m babies, mothers per year, study reports (2014, May 20) retrieved 10 April 2024 from

<https://medicalxpress.com/news/2014-05-m-babies-mothers-year.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--