

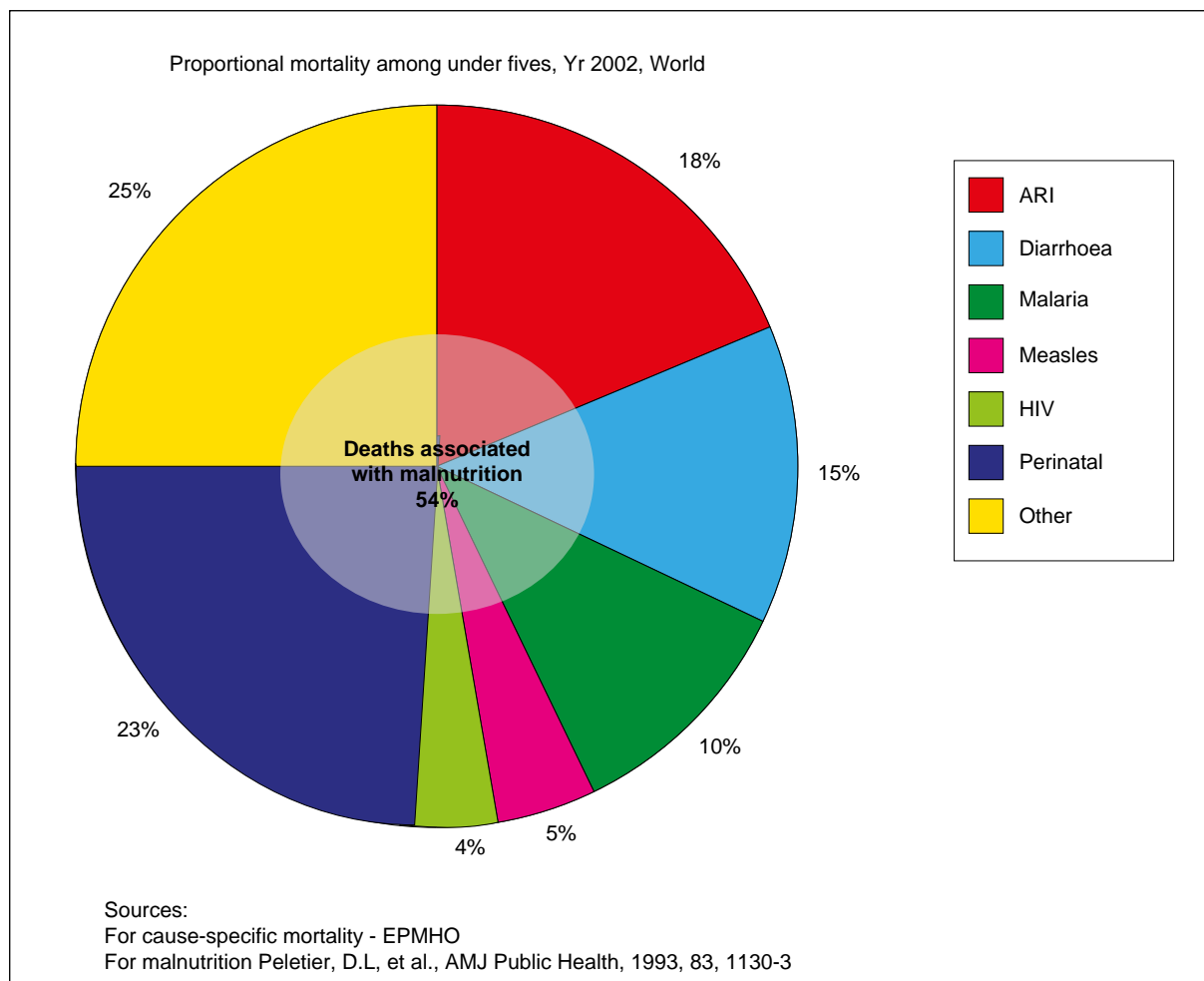


## Introduction

At the Millennium Development Goals, the United Nations have agreed the target of eradicating extreme poverty and hunger by the year 2015. The magnitude of this challenge is illustrated in Figure 1 below. The graph also highlights the enormous disparity between child mortality rates in 'developing' and 'developed' countries (as defined by UNICEF and WHO).



Figure 2 below shows child mortality figures by country for 2002. The figure will be a familiar one to many, with almost half of child mortality being caused by preventable infectious diseases. A substantial proportion of the cases of 'O' hepatitis made its first national appearance.



**Figure 2.** Mortality among children under five, World wide, 2001

Source: Adapted from Cause-specific mortality rates from EIP/WHO

What may be the familiar to the environmental health has a direct impact on maintaining his life, and hence the general environmental health in the environment. It has been estimated that environmental health has a direct impact on 25% of the total burden of disease worldwide (Smith et al, 1999), the majority of which being borne by developing countries. Diarrhoeal disease and ARI are the most common environmental diseases, with children accounting for more than half of the cases. Unintentional injuries make up the 14% of the global environmental diseases burden, and the leading cause of child mortality.

The section below provides more detail on the environmental health in developing child mortality from the environmental causes: ARI, diarrhoea and unintentional injuries.

### Acute diarrhoea

Diarrhoea is the leading cause of death in children under five in developing countries. The evidence for a link between intestinal infection (IAP) and ARI in children has grown in the past few years (Bice et al, 2000; Smith et al, 2000) and according to WHO, nearly half of ARI mortality among under-five can be attributed to IAP (WHO 2004).

Global, hemispheric, and regional findings indicate that child and adolescent mental health problems are a global public health burden (Bhutta et al 2000). The majority of children and adolescents with mental health problems are in low- and middle-income countries (Bhutta et al 2000; Smith et al, 2000). The burden of mental health problems is highest in low- and middle-income countries, where there is a lack of resources and services to address the needs of children and adolescents (Bhutta et al 2000).

Although mental health problems are a global public health burden, the burden is not evenly distributed. In high-income countries, the burden of mental health problems is highest among young people (Smith et al, 2000). In low- and middle-income countries, the burden of mental health problems is highest among young people and adolescents (Bhutta et al 2000). The burden of mental health problems is also highest in low- and middle-income countries, where there is a lack of resources and services to address the needs of children and adolescents (Bhutta et al 2000).

**Reduction of mental health problems in children and adolescents.** Possible interventions to reduce the burden of mental health problems in children and adolescents include: (1) increasing awareness of mental health problems in children and adolescents; (2) increasing access to mental health services; (3) increasing the quality of mental health services; and (4) increasing the availability of mental health services in low- and middle-income countries.

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The burden of mental health problems in children and adolescents is a global public health burden. The burden is not evenly distributed, with the highest burden in low- and middle-income countries. The burden of mental health problems in children and adolescents is also highest in low- and middle-income countries, where there is a lack of resources and services to address the needs of children and adolescents (Bhutta et al 2000).

One of the most important interventions to reduce the burden of mental health problems in children and adolescents is to increase access to mental health services. This can be done by increasing the availability of mental health services in low- and middle-income countries, and by increasing the quality of mental health services.

**How do we reduce the burden of mental health problems in children and adolescents?** We can reduce the burden of mental health problems in children and adolescents by increasing access to mental health services, increasing the quality of mental health services, and increasing the availability of mental health services in low- and middle-income countries. We can also reduce the burden of mental health problems in children and adolescents by increasing awareness of mental health problems in children and adolescents, and by increasing the quality of mental health services.

## Diagnosis

Diagnosis of depression is 15% of all child deaths worldwide. The early identification of depression has a well-established effectiveness and feasibility. The most common among the early identification and hygiene practices, however, is the identification of high-risk children.

heoretical characteristics, such as head body, hindemid and malleability, increase the likelihood of infection. The importance of child development is a public health issue in developing countries. This is a reflection of the declining importance of infectious diseases, bacterial infections, bacterial and malaria infection, and the additional risk of the change (Deen et al, 1999). Low and middle income countries have a high child death burden, which is a five times higher than high income countries and account for 98% of all child injuries (Bale, 2002).

Fall, drowning, and burn are the most common accidental injuries for children under five (Ziegl, 2001). However, the most frequent cause of death is specific. For example, the most common injury is the head, which is the most common injury in children. This means that the most common injury in children is the head injury, which is the most common injury in children.

The literature also indicates a lack of data on the development of children. The children are often in need of immunization and surveillance for injury in developing countries. The health care system is often in need of more information. More information is needed to facilitate the development of evidence-based interventions to address the main causes of child development and injury. Seehi and Ziegl (1999) are a few of the authors who have written on this. The authors are 4.2 (1) - 7-4 - 13.8; in the literature.

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## References

- Balla d-T emee , G. & A. Ma hee (2000)' Re i e f i n e e n i n e d c e h e e . . . e f m e n and n g c h i l d e n i n d a i . l l i n i n d e e l . i n g c n i e . . . a e . e a e d f U S A g e n c f I n e n a i n a l D e e l . m e n (USAID) and W l d H e a l h O g a n i a i n (WHO) G l b a l C n l a i n , *Health Impacts of Indoor Air Pollution and Household Energy in Developing Countries: Setting the Agenda for Action*, Ma 3-4, W a h i n g n D . C .
- Ba l e , S . N . (2002) The . b l e m f c h i l d e n ' i n j i e i n l - i n c m e c n i e : a e i e . *Health Policy Plan*. 17(1):1-13.
- B e e , N . , R . P e e - P a d i l l a & R . A l b a l a k (2000)' I n d a i . l l i n i n d e e l . i n g c n i e : a m a j e n i n m e n a l a n d . b l i c h e a l h c h a l l e n g e i n *Bulletin of the World Health Organization*, 78 (9), . . . 1078-1092.
- Cai n c . . , S . (2003) H a n d a h i n g i h a . . a n e a . . e e n A R I ? *Tropical Medicine and International Health* 8 (8) 677-679 A g .
- Cai n c . . , S . , O ' N e i l l , D . , M c C . , A . , a n d S e h i , D . , (2003) H e a l h , E n i n m e n a n d h e B d e n f D i e a e ; A G i d a n c e N e . D e . a m e n f I n e n a i n a l D e e l . m e n . L n d n .
- C h a a e , D . C . , S h l e , R . P . , M . h , O . A . , H l , S . R . A . , C e n e n , S . N . a n d A k h a , T . I m . a c f f l c n l n c h i l d h d d i a h e a i n P a k i a n : c m m n i - a n d m i e d i a l . *The Lancet* 353 (9146): 22-25 Jan 2.

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In Kenya, the major cause of death among children under five years of age is diarrhoeal illness. Malaria, diarrhoea, pneumonia and TB infection are all leading causes of child mortality and morbidity in Kenya. In Tanzania, nearly one million children die needlessly each year from malaria before they reach five years of age (World Vision 2004).

The incidence of Fecal-Oral Transmission in Kenya and Uganda has declined significantly due to the historical infrastructure including latrine facilities in schools. In Uganda in 1999, only 2% of the schools had adequate latrines, only 37% of the schools had latrine training and only 25% of the schools had hygiene infrastructure. The situation is similar in the nationally distributed schools in Northern Uganda, (Waeber, Ennen and Saniain, WES Uganda). Literally, there are about 3.5 million people at risk of cholera infection and about 67% of the school-going children along the Nile and around Lake Victoria are infected with the disease, (Naci B. Ke et al. 2004).





