

Outdoor Air Pollution and Child Cognitive Health

Why are Children at Risk?

Children are vulnerable during fetal development and in their earliest years, while their lungs, organs and brains are still maturing. They breathe faster than adults, taking in more air and, with it, more pollutants. Thus, exposure during this stage of their lives makes children one of the most vulnerable group to Air Pollution

Potential Impacts on Children's Health



Acute Lower
Respiratory
Infections
(ALRI), including
Pneumonia



Asthma



Reduced lung
function



Childhood
cancers



Childhood
obesity



Low birth
weight



Reduced
cognitive
function



Infant
mortality

