Impact of Urban Air Pollution on Respiratory Health in Children

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Abstract. This study explores the correlation between urban air pollution and respiratory health issues in children. We analyzed data from various metropolitan areas, assessing the prevalence of asthma and other respiratory conditions. Our findings indicate a significant link between high pollution levels and increased respiratory problems. Interventions to reduce air pollution could potentially improve public health outcomes for children in urban settings.

Keywords: Air Pollution, Respiratory Health, Children, Urban Environment, Public Health

Introduction

Air pollution remains a critical public health issue, especially in urban environments where industrial activities and vehicular emissions are prevalent. Children, due to their developing respiratory systems, are particularly vulnerable to the adverse effects of air pollution. This study examines the relationship between urban air pollution and respiratory health in children, utilizing data from multiple metropolitan regions. By identifying the prevalence of conditions such as asthma, this research highlights the need for effective policy measures to mitigate pollution. The results underscore the importance of clean air initiatives to protect vulnerable populations.

References

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