



**Health Effects of Slum Environment In Pimpri Area of Pcmc in Pune District,  
Maharashtra, India**

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**Introduction:**

Pimpri Chinchwad urban area is located at west side of Pune city and it is 160 km far southeast ward from the Mumbai. Pimpri-Chinchwad is major industrial center of Pune region. Three rivers Mula, Mutha and Pawana cover the Pimpri Chinchwad city in three directions and even meet here.

There are many problems associated with urban growth of Indian cities. This research paper examines effects of polluted water and insanitation on the human health in slum areas. There are many problems in slum of Pimpri Chinchwad urban area such as, compactness, air pollution, land pollution, lack of latrine facilities, lack of medical facilities, lack of educational facilities and so on. The water pipelines which passing and crossing bellow the drainage channels in the slum areas causes the water pollution. This may results to pollute the drinking water in pipelines many times the public water taps are very near to garbage collection locations and drainage system (gutter, canal) this nearness causes the contamination of water. Many diseases are water born diseases. This causes due to polluted or contaminated water. (Rajesh T. Birajdar & Dr. Arun D. Andhale, 2014).

The Polluted water, insanitation and its effect on human health of slum population in areas studied to get some results.

**Aims & objectives of study:**

- To study the effects of slums on environment of Pimpri area.
- To comparative analysis of diseases in study area.

**Methodology:**

The study focused on the geographical assessment of slum, slum environment and associated problems in of Pimpri slum area.

**Sample slums and sample size:**

All these slums respectively located on different major region in PCMC these are, Adarsh Nagar, Subhash Nagar, Milind Nagar, Ganesh Nagar, Bhaudha Nagar and Ramabai Nagar All these six slums of the two categories with respect to ownership of land, two each from the categories as well as with respect to ownership of land, respect to location.

Out of total huts 71 huts from the 6 sample slum hut areas selected for each sample slum, a specified number of sample huts which was proportional to the total number of huts in each slum are select. The selection of slum pockets was made on the basis of stratified random sampling methods.

**Reference works:**

Books and Journals, Article, Reports, various website and News papers, Google and Wikimapia are the references used to the get information and the basics of the selected topic.

**Primary data sources:**

The field visits, Observations, filling up the questionnaires, interviews, field survey of slum pockets by surveying instruments for zone demarcation and Photographs are the basic source of primary data.

