Health Status and Access to Health Services in Indian Slums

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Received 29 December 2014; accepted 13 February 2015; published 16 February 2015

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Abstract
This paper analyzes the state of health and access to health services among the urban poor in India. Analysis is based on data from a primary survey conducted among 2000 households, covering 10,929 individuals from four cities of India. Summary statistics and regressions (using STATA) are used for data analysis. Results show lack of government facilities and services, a very high preference for private health facilities, high expenses especially in private but also in public facilities, and a perception that private facilities are offering high quality services as important concerns. An econometric analysis of the determinants of acute illness indicates the insufficiency of basic amenities like sanitation, garbage disposal and potable water. Together with the lack of availability of government health facilities in the vicinity, these results indicate continued vulnerability of the urban poor, and the need for urgent government action.

Keywords
India, Urban Poor, Access to Health Services, Slums, Public Policy

1. Introduction
Globally, while a significant number of individuals have moved out of slums, the absolute number of slum dwellers has actually increased over the years. Latest estimates from developing regions indicate that the proportion of urban population living in slums has declined from 39 percent in 2000 to 33 percent in 2012. However, the absolute number of slum dwellers in urban areas from this region has increased from 760 million to 863

million for the same period [1]. Comparative slum statistics from India revealed the same pattern; percent of slum dwellers marginally decreased from 24 (in 2001) to 22 percent (in 2011), while absolute numbers increased from 52 million to 65 million [2]. An earlier report from UN-HABITAT highlights that the urban poor, especially the slum dwellers in developing countries, is as badly off, if not worse off, than their rural counterparts [3]. It also provides evidence of “a tale of two cities within one city”—one part of the urban population that has all the benefits of urban living, and the other part, the slums and squatter settlements, where the poor often live under conditions worse than those of their rural counterparts [3]. Such living conditions also mean that the slum dwellers are likely to die earlier than the rest of the population of the city, and have fewer opportunities to improve their human development parameters [4].

The urban health infrastructure in India is neither appropriate nor adequate, and has not really been able to meet the needs of the urban population, especially the poor [5]-[9]. Recent reports indicate that there are 1083 Urban Family Welfare Center (UFWCs)1, and 871 Health Posts (HPs)2 that cater to 377 million people living in the urban areas in the country [9]-[11]. This translates to one UFWC/HP per 192,992 urban populations, compared to the norm of one centre for every 50,000 persons, indicating severe accessibility issues. Other estimates indicate the need for an additional requirement of 500 urban health and family welfare centers to meet the current needs of urban poor [12].

The Eleventh Plan document acknowledges that there has been an increase in the number of urban poor, and that the civic authorities will have a daunting task in responding to their health and infrastructural needs [13]. With poor living conditions, no backup savings, food stocks, or social support system, their vulnerability to illness increases multiple folds. Despite the presence of government hospitals and other health care facilities in the urban areas, the slum dwellers have limited access to these facilities. The initiatives to address urban health concerns have been limited and fragmented in the country, and a recent analysis points out clearly that the government has no proper implementation plans for the urban health and lack of evidence-based policies continues to be a main feature of urban health [14]. The plan to launch a National Urban Health Mission has been scrapped and in its place a unified National Health Mission is being visualized. Currently, the bulk of the expenditure for urban family welfare services still comes from National Rural Health Mission (NRHM) funds. In 2011-12, only about 1.2 percent of the total expenditure under NRHM was on urban family welfare services [15]. Of course, there are other components for the urban areas, like the urban slum projects, under the Reproductive and Child Health (RCH)-II project. However, overall, investment on urban infrastructure and especially improvements in access for urban poor is very negligible in the Family Welfare outlay of the Ministry of Health and Family Welfare, Government of India.

A significant body of literature exists on the various aspects of urban health like maternal and child health, health of the aged, treatment-seeking behavior, etc. [16]-[22]. However, the focus has been narrow in most such analyses that are also often based on case studies or small samples drawn from a few geographical areas.

Recognizing that serious infrastructure bottlenecks exist in cities and towns in India that prevent the urban poor from reaching their economic potential, the Government of India launched the Jawaharlal Nehru National Urban Renewal Mission (JNNURM)3 in 63 cities and towns. To generate evidence, the Ministry of Housing and Urban Poverty Alleviation, Government of India, and the United Nations Development Program (UNDP) initiated a project on “National Strategy for the Urban Poor” in 2006, which was based on large scale primary survey in four cities/towns in India, and covered issues around poverty, labor market, water and sanitation issues, and access to health services.

Using this data, the current study was undertaken to understand the access to health services of the urban poor and link access to their health status.

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1It provides family welfare services in urban areas since the early 1950s, and is equipped to provide contraceptive supplies. Based on the population covered by each UFWC, it is classified in three types, and has different staffing patterns. Type I covers a population of 10 - 25 thousand, Type II between 25 - 50 thousand and Type III above 50 thousand.

2It was introduced in 1983 with a view to provide service delivery outreach, primary health care, family welfare and maternal and child health (MCH) services in urban areas. It is classified into four types—A, B, C and D, but with lesser population base compared to UFWC.

3It was the single largest initiative ever launched by the Government of India focusing on the urban infrastructure development and basic services to the urban poor. This 7 years (2005-2012) mission, launched on 3rd December 2005, was implemented across 63 select towns/cities in the country.
2. Materials and Methods

The towns/cities selected for the survey were Jaipur, Ludhiana, Mathura and Ujjain, and these were parts of the 63 select towns/cities in the country under the above-mentioned project [23]. Five hundred households each from among twenty-five clusters (22 notified and 3 non-notified) from each of the four cities were selected based on a three-stage stratified random sampling technique. Information was collected for 10,929 individuals from among the 2000 selected households. The survey was carried out between November 2006 and April 2007 and included slums notified by the government, as well those that are not notified and therefore generally not targeted for government services and schemes.

The health survey was designed to collect data on Out Patient Department (OPD) visits for the reference period of last one month and hospitalization (inpatient) for the last six months of the survey. Details were sought on illnesses and treatment-seeking behavior of the slum dwellers including expenditure. It also included a section on pregnancy and childbirth. Attempts were made to understand the patients’ valuation of the quality of health services for OPD, hospitalization as well as pregnancy-related services.

The analysis is based on simple descriptive statistics and a multivariate analysis, the latter to enable a better understanding of the factors that were influencing the health outcomes in the slums.

3. Results

3.1. Socio-Economic Profile of the Sample

Table 1 presents the basic socio-demographic characteristics across four sites. Most of the slum dwellers migrated from other parts of their home state to the current location, except in Ludhiana where 16 percent and 8 percent are from Uttar Pradesh and Bihar, respectively (figure not in table). The economic status of the respondents is based on the ownership of consumer durables, and is divided into three categories—low, medium and high— based on relative weights of asset holding. Thus, the economic status indicates the relative status of the respondents within slums.

3.2. Health Services in Slums

Heads of households were asked about the existence and type of health facilities in the slum they were residing in. A majority (68%) of the 1998 heads who responded to the questionnaire said there were only private health facilities in the slums. About four percent said there were government facilities, and about 14 percent said there were both public and private health facilities. This means, as many as 82 percent respondents indicated the presence of private facilities in their slums.

3.3. Outpatient Visits

The sample yielded a morbidity rate of 13 percent. Since there were very few cases of second or third illness, the study analyses only those cases that have reported at least one illness in the reference period.

The National Sample Survey (NSS) 60th round reports the proportion of ailing persons by residence status and sex during a period of 15 days: for urban India the figure was 99 per 1000 person, giving a morbidity rate of about 10 percent, which is somewhat lower than the rate estimated from the current survey of slums [24]. This is consistent with the view that the slum dwellers as a whole are relatively less healthy than the general population. Similarly, the results were comparable with the NSS estimates on diarrhea and fever, which were reported as the two most common ailments (47.3% and 31.2% respectively).

Around 90 percent of the ill individuals (1304 out of 1456) consulted a doctor for treatment. Of the remaining who did not seek doctor’s help, a majority resorted to self-medication (71.7%), while some thought it was not necessary (27.6%). Almost no one reported distance or lack of availability of good doctors as reasons for not accessing treatment, again indicating the collective perception about availability and quality of health services in these slums.

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2All specified areas in a town or city notified as “Slum” by State/Local Government and UT Administration under any Act including a “Slum Act”.

3All areas recognized as “Slum” by State/Local Government and UT Administration, Housing and Slum Boards, which may not have been formally notified as slum under any Act.
Table 1. Selected social and demographic indicators by sites.

<table>
<thead>
<tr>
<th>Background characteristics</th>
<th>Jaipur</th>
<th>Ludhiana</th>
<th>Mathura</th>
<th>Ujjain</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sex</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>52.3</td>
<td>56.7</td>
<td>53.3</td>
<td>51.2</td>
<td>53.3</td>
</tr>
<tr>
<td>Female</td>
<td>47.7</td>
<td>43.3</td>
<td>46.7</td>
<td>48.8</td>
<td>46.7</td>
</tr>
<tr>
<td>Employment status for those who reported any work in the past 12 months&lt;sup&gt;a&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daily wage labor</td>
<td>41.0</td>
<td>20.8</td>
<td>32.7</td>
<td>56.4</td>
<td>38.7</td>
</tr>
<tr>
<td>Regular salaried</td>
<td>34.7</td>
<td>46.5</td>
<td>32.0</td>
<td>24.0</td>
<td>33.9</td>
</tr>
<tr>
<td>Self employed</td>
<td>24.3</td>
<td>32.8</td>
<td>30.3</td>
<td>13.3</td>
<td>24.6</td>
</tr>
<tr>
<td>Other&lt;sup&gt;b&lt;/sup&gt;</td>
<td>0.0</td>
<td>0.0</td>
<td>5.0</td>
<td>6.3</td>
<td>2.8</td>
</tr>
<tr>
<td>Education level for age group 18 and above&lt;sup&gt;c&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-literate</td>
<td>40.4</td>
<td>28.8</td>
<td>37.6</td>
<td>34.5</td>
<td>35.5</td>
</tr>
<tr>
<td>Literate but no formal education</td>
<td>9.1</td>
<td>2.1</td>
<td>0.8</td>
<td>2.2</td>
<td>3.6</td>
</tr>
<tr>
<td>Primary</td>
<td>18.2</td>
<td>14.4</td>
<td>12.3</td>
<td>23.8</td>
<td>17.1</td>
</tr>
<tr>
<td>Secondary</td>
<td>24.4</td>
<td>40.0</td>
<td>27.4</td>
<td>29.2</td>
<td>30.0</td>
</tr>
<tr>
<td>Senior secondary</td>
<td>4.4</td>
<td>8.2</td>
<td>9.6</td>
<td>6.1</td>
<td>7.1</td>
</tr>
<tr>
<td>Graduate and above</td>
<td>3.2</td>
<td>6.1</td>
<td>11.3</td>
<td>4.1</td>
<td>6.2</td>
</tr>
<tr>
<td>Other&lt;sup&gt;d&lt;/sup&gt;</td>
<td>0.4</td>
<td>0.5</td>
<td>1.0</td>
<td>0.2</td>
<td>0.5</td>
</tr>
<tr>
<td>Economic status</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low</td>
<td>27.5</td>
<td>27.6</td>
<td>33.2</td>
<td>36.2</td>
<td>31.1</td>
</tr>
<tr>
<td>Middle</td>
<td>51.0</td>
<td>42.9</td>
<td>39.6</td>
<td>52.6</td>
<td>46.5</td>
</tr>
<tr>
<td>High</td>
<td>21.5</td>
<td>29.5</td>
<td>27.2</td>
<td>11.2</td>
<td>22.4</td>
</tr>
<tr>
<td>N</td>
<td>2979</td>
<td>2425</td>
<td>2980</td>
<td>2545</td>
<td>10,929</td>
</tr>
</tbody>
</table>

Notes: <sup>a</sup> Percentages are generated from a sample of 3638 (Jaipur: 985, Ludhiana: 848, Mathura: 802, Ujjain: 1003). <sup>b</sup> Includes student, retired persons, unpaid family worker (full & part time), and others. <sup>c</sup> Percentages are generated from a sample of 6311, 18 years and above (Jaipur: 1630, Ludhiana: 1507, Mathura: 1659, Ujjain: 1515). <sup>d</sup> Except for sex-ratio (females per 1000 males), all other characteristics are in percentage. <sup>e</sup> Includes technical and other diplomas/certificates, professional and vocational certificates, and others. Source: Primary survey conducted for the study.

A majority (80%) of those who consulted a doctor preferred private facilities, of which about half visited private clinics, and 30 percent went to private hospitals and around 17 percent went to government hospitals. Almost no respondent chose to visit government dispensary for his or her conditions. The ease of access to private health facilities was indicated from the fact that 62 percent of the people reported facilities to be within 2 km from their residence. Also, a majority of the individuals could walk to the facility, indicating their relative accessibility. The picture was quite similar across sites (data not presented here).

While designed to be free, users of the government facility on an average paid more for all the components except consultation and transportation (Table 2). Additionally, expenditure on drugs and medicines was highest in both the categories. Higher diagnostic costs in government facilities probably indicate the practice among such facilities of sending their patients outside—mostly in private sector—for their diagnostic tests.

Quality of Service in Outpatient Visits

A majority of the respondents defended their choice of providers based on their perceptions of quality. Around 88 percent of the sick individuals who consulted a doctor were satisfied with the treatment and their behavior; around 81 percent reported being satisfied with the behavior of other staff. Similarly, a majority of individuals
Table 2. Average expenditure (in US$) for first visit on accessing treatment for acute illness.

<table>
<thead>
<tr>
<th>Components</th>
<th>Total</th>
<th>Govt. facility</th>
<th>Private facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport</td>
<td>0.15</td>
<td>0.13</td>
<td>0.13</td>
</tr>
<tr>
<td>Consultation</td>
<td>0.39</td>
<td>0.18</td>
<td>0.46</td>
</tr>
<tr>
<td>Drugs and medicines</td>
<td>2.72</td>
<td>3.76</td>
<td>2.44</td>
</tr>
<tr>
<td>Diagnostics</td>
<td>0.84</td>
<td>1.54</td>
<td>0.72</td>
</tr>
<tr>
<td>Other</td>
<td>0.16</td>
<td>0.31</td>
<td>0.13</td>
</tr>
<tr>
<td>Total</td>
<td>4.26</td>
<td>6.54</td>
<td>4.74</td>
</tr>
</tbody>
</table>

Source: primary survey conducted for the study.

(80%) were satisfied with the infrastructure of the OPD facility they visited. The overall rating of OPD services indicated that almost 79 percent of the respondents thought that it was good, and 17 percent rated it as average (data not presented here).

As for reasons for selecting a particular doctor during an OPD visit (not reported in table) the provider being a good doctor was considered as the most important reason for selection. There were also some other reasons that were not uniform across four sites. For example, 23 percent of the patients form Ujjain considered treatment cost, whereas 28 percent of the patients from Ludhiana considered proximity to doctor’s office or health center as factors other than good doctor that influenced the choice for selecting a particular doctor.

3.4. Hospitalization

There were 245 cases of hospitalizations. Diarrhea, stomachache and fever were the most common reasons for hospitalization. Almost the entire sample of hospitalized individuals said they had to undertake only one visit to the hospital for their condition.

The division between public and private hospitals was roughly equal, indicating a much larger use of public hospitals in hospitalization cases, compared to OPD cases. In about 40 percent of the cases, individuals traveled more than 5 km to get to the hospital. Around 80 percent of the individuals could reach the hospital in less than 40 minutes.

About 67 percent of the respondents stated good doctors as the most important reason for selecting this hospital, followed by cost factor or inexpensiveness (26%); proximity was not found to be as important for selection of a facility.

Regarding quality of treatment, a majority stated that they were satisfied with the treatment (82%); only about five percent were dissatisfied with the hospital, and the rest were indifferent. Similarly, a slightly lower, but still a large proportion of individuals (77%) said they were satisfied with the nursing care received at the hospital. About 80 percent of the respondents were satisfied with the behavior of doctors and 79 percent with the behavior of other staff at the hospital. Around three-fourths (74%) of the respondents felt that the inpatient facilities were good, 21 percent felt they were average, and around five percent rated the facilities as poor.

3.5. Pregnancy and Childbirth

Since family welfare program has received a lot of emphasis in India, it was thought important to see whether services were available for the slum respondents. In all, there were 198 cases of pregnancy in the sample in the reference period of one year. There were few cases of multiple pregnancies, and in 181 cases, there was only one pregnancy, which forms part of the analysis here.

When asked whether there was any visit by a health worker during the pregnancy, 81 percent said a health worker had never visited them. Only about nine percent of women said there were regular visits, and 10 percent said there were occasional visits.

About half of the respondents had regular antenatal check-ups, while 25 percent had occasional check-ups. Of those who did not ever have any check-ups (47 cases), the most stated reason (57%) was that it was not necessary. Another 25 percent women said they did not have knowledge about such check-ups. Very few women
stated the lack of nearby facilities as a reason for not getting regular check-ups done.

When asked about the source of antenatal check-ups from among women who had one pregnancy during the period (134 out of 181 women), about 57 percent stated private hospitals as their source, indicating the presence of varied private sources for such visits. About 30 percent visited government dispensaries for their check-ups while only around 8 percent visited antenatal clinics. These statistics reconfirm the lack of urban focus of the government’s family welfare services, especially for the poor.

The quality of antenatal check-up was determined by two factors: whether facility was open when visited during office hours and availability of health personnel at the time of visit. Almost all the women respondents using this facility and having visited during office hours said that it was open at the time of the visit, and about 81 percent said that health personnel were available every time they visited. Seventy-seven percent rated the overall experience as good, while the remaining rated it as average. No respondents rated the experience as poor. Again, private facilities score over government ones for their accessibility and availability.

The questionnaire also asked women who had one or more childbirths in the preceding year about the place of delivery and the quality of the facilities. There were 211 deliveries in the entire sample for the reference period of one year. Despite the stress on institutional deliveries by the government, around 46 percent of the deliveries were conducted at home. Twenty five percent deliveries were at private hospitals, followed by 19 percent at government hospitals, and about nine percent at post-partum centers or health posts.

Around 83 percent said they would go back to the facility out of their choice. Overall, about 73 percent rated their experience as good, and about 26 percent said they were indifferent. Those who did not have a delivery at a health facility cited high expenditure (37%) and lack of nearby facilities (17%) as reasons for non-institutional delivery.

### 3.6. Determinants of Acute Illness: A Multivariate Analysis

In addition to quality of health services, the presence of basic amenities like electricity, water and sanitation have a significant impact on the health status of people, especially in the slums. The survey allowed a multivariate analysis of the determinants of the probability of acute illness, where the following variables were used as independent variables: age; gender; economic status proxied by asset-ownership and categorized as low, medium and high, based on number of assets owned; social status; presence of electric connection; quality of water; use of sanitary latrine for defecation and presence of choked open drains or choked public sewers in the neighborhood. The last four variables were included to control for hygiene and sanitation differences. Since no facility survey was undertaken, presence of health facilities was not included in the analysis. In any case the presence of health facilities is important in the analysis of treatment-seeking behavior and does not directly impact on occurrence of acute illness.

The summary statistics are given in Table 1. As for the remaining variables, 93 percent of the households had electricity connection, 75 percent used a sanitary latrine for defecation, 21 percent had foul smelling water, and 58 percent had open drains or choked public sewers in their neighborhood.

A probit regression was estimated and the results are reported in Table 3. Rather than reporting the coefficients, which are difficult to interpret, the marginal effects are presented, i.e. the change in the probability for an infinitesimal change in each independent, continuous variable and the discrete change in the probability for dummy variables.

The results indicate that the poor have a 2.8 percent higher probability of illness compared to the non-poor ($p < 0.01$). Children and the elderly have a 1.7 percent ($p < 0.05$) and 7.5 percent ($p < 0.01$), respectively, higher probability of illness compared to the adults. Also, those who have foul smelling water supply in their household have a 4 percent higher probability of illness compared to those who do not ($p < 0.01$). Those who use sanitary latrines have a 1.3 percent lower probability of illness compared to those who use the open field or drain for defecation. Proximity to choked neighborhood drains increases the probability of illness by 1 percent compared to those who live away from it. While the magnitude of the two variables (i.e., sanitary latrines and choked drains) explain their contribution to illness, these variables, however, are not significant. Gender or caste did not seem to influence morbidity among slum dwellers.

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6In a probit model, the dependent variable $y_i$ can be only one or zero, and the continuous independent variable $x_i$ are estimated in: $Pr(y_i = 1) = F(x_i'b)$, where $b$ is the parameter to be estimated and $F$ is the normal cumulative density function.
Table 3. Probability of illness: probit regression results.

(Dependent variable: illness, number of observations: 10,805)

<table>
<thead>
<tr>
<th>Variable</th>
<th>Df/dX</th>
<th>z-ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poor</td>
<td>0.028</td>
<td>3.58***</td>
</tr>
<tr>
<td>Caste (SC/ST/OBC)</td>
<td>−0.004</td>
<td>−0.52</td>
</tr>
<tr>
<td>Female</td>
<td>0.006</td>
<td>0.90</td>
</tr>
<tr>
<td>Child</td>
<td>0.017</td>
<td>2.42**</td>
</tr>
<tr>
<td>Elderly</td>
<td>0.075</td>
<td>4.91***</td>
</tr>
<tr>
<td>Electricity connection</td>
<td>0.004</td>
<td>0.33</td>
</tr>
<tr>
<td>Foul smell in water</td>
<td>0.040</td>
<td>4.92***</td>
</tr>
<tr>
<td>Sanitary latrine</td>
<td>−0.013</td>
<td>−1.56</td>
</tr>
<tr>
<td>Choked open drains</td>
<td>0.001</td>
<td>0.06</td>
</tr>
</tbody>
</table>

Notes: Df/dX represents the change in probability. *** $p < 0.01$, ** $p < 0.05$, * $p < 0.10$. Source: primary survey conducted for the study.

4. Discussion

The results are consistent with past findings that urban slums are under-served by government facilities, with private providers and facilities scoring high on perceptions about quality [25]-[32]. Clearly, the cost differences between government and private facilities were not large enough to overcome other access and availability constraints of government facilities [33]-[36]. The presence of poor reproductive and child health services is an important finding that questions the efficiency of the existing mother and child health programme of the government.

The Commission on Macroeconomics and Health states that “access to medical care continues to be problematic due to locational reasons, bad roads, unreliable functioning of health facilities, transport costs and indirect expenses due to wage loss etc., making it easier to seek treatment from local quacks” [37]. While the Commission report did not focus particularly on urban health and the urban poor, the evidence from the current research seems to indicate that these findings are very relevant to urban areas as well. The Commission’s facility survey indicate the overwhelming participation of private providers in provision, duplication of private and public facilities in many locations, non-standardization of treatment and payment protocols, an acute shortage of human resources, poor availability of obstetric care among many more findings [37]. This study corroborates these findings and also indicates that private providers are most likely to be present in the market for curative primary care, but for hospitalization and deliveries, their presence is relatively less. From the demand side, for bigger expenses, individuals still seem to be looking for low cost care, and if there are cheaper alternatives like government facilities, they were likely to visit those. These findings are consistent with earlier findings that for higher treatment cost, the government sector or other cheaper alternatives may still be preferred, but for OPD, an overwhelming majority goes to private providers.

The impacts of lack of basic amenities like sanitation, garbage disposal, and potable water on health on the one hand, and accessibility and quality issues of health facilities on the other, make the urban poor vulnerable to health shocks. The onus of slum development has been mostly on the government, and it does not seem as though it has succeeded to provide a clean environment and adequate basic facilities; in fact the situation has remained almost static for the past several years [38] [39].

Provision (as also financing) of health services has continued to be problematic in India and it has been difficult to change the efficiency of the system in any significant way over the years. The issues around urban health are complex and compounded by the presence of slums, which require additional and detailed planning on provision of basic amenities like water and sanitation. The lack of regulation on the private sector adds to the problem of supply gaps and quality concerns, and adds significance to the finding that private health care is the dominant mode of provision in urban slums [40] [41]. Thus, the consumer-satisfaction reported by the respondents in the study needs to be interpreted with caution in face of evidence of lack of quality, which may only point to
lack of awareness and knowledge about affordable quality services.

Another key concern in this context is the presence of significant corruption in the delivery of public services, including health services. There are findings that document that health care is among the most corrupt services in India [42]. Recent reports of massive corruption in health funds received—both external and internal—confirm that the health sector is dealing with serious issues of fraud and misuse of funds meant for the underprivileged [43] [44]. Delhi—which has a large slum population—has also been in news for massive corruption and fraud in its municipal body (Municipal Corporation of Delhi), which is responsible for basic amenities as well as a significant number of health facilities [45].

Health policy in India continues to lack evidence-based planning on the one hand, and a need for serious action to improve accountability on the other hand. There is not much evidence to indicate that serious attempts at coordination and alignment among the various line ministries that impact on urbanization have been made; health, water and sanitation, land, infrastructure all are much more tightly integrated in the urban areas compared to the rural areas.

Some non-government organizations have, however, taken the lead together with government bodies to improve basic amenities in urban poor areas as well as making sure that accessibility to health services improve in such areas [46]. The use of public-private partnerships (PPP) as a method is also visible for example, from the partnership between the Urban Health Resource Centre and government bodies in urban areas like Agra [31]. A recent example of such public-private partnership (PPP) is the Government of National Capita Territory of Delhi’s (GNCTD) Mission Convergence Programme, locally called Samajik Suvidha Sangam. This USAID funded programme is an innovative PPP with participation from the local community organizations to improve the health and well-being of the urban poor of Delhi [47].

The Report of the Steering Committee on Urban Development and Management for the 12th Five Year Plan set up by the Planning Commission gives a comprehensive analysis of reforms needed to set right the urban problems India is facing (Ministry of Housing and Urban Poverty Alleviation [48]. Needless to say that the recommendations in the report—while sound—require a serious overhauling of the system and may take much longer than anticipated. The very low availability of urban health services for the urban poor and the non-functioning of those that are available indicate a serious lapse on the part of the government in urban health planning. Suffice to say that despite some serious attention being paid by the central as well as state governments to improve the health situation in the urban slums, very little progress has been made so far. The abandoning of the earlier-proposed National Urban Health Mission and the new unified National Health Mission seem to suggest that the focus has shifted from urban health. Given the concerns around the National Rural Health Mission, a different and innovative approach is needed to tackle the urban health issues, to prevent further deterioration in health outcomes and inequities in the country.

Acknowledgements

This research is based on data collected under the survey carried out for the IEG-UNDP-GOI (Institute of Economic Growth-United Nations Development Programme-Government of India) for the project entitled “National Strategy for the Urban Poor”.

We thank the participants of the Health Systems in Asia 2013 conference for their valuable comments. We acknowledge the expert research help provided by Devmani Upadhyaya.

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