

Health System Challenges in Global Cities

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Inequalities among population health across socio-economic groups and neighborhoods

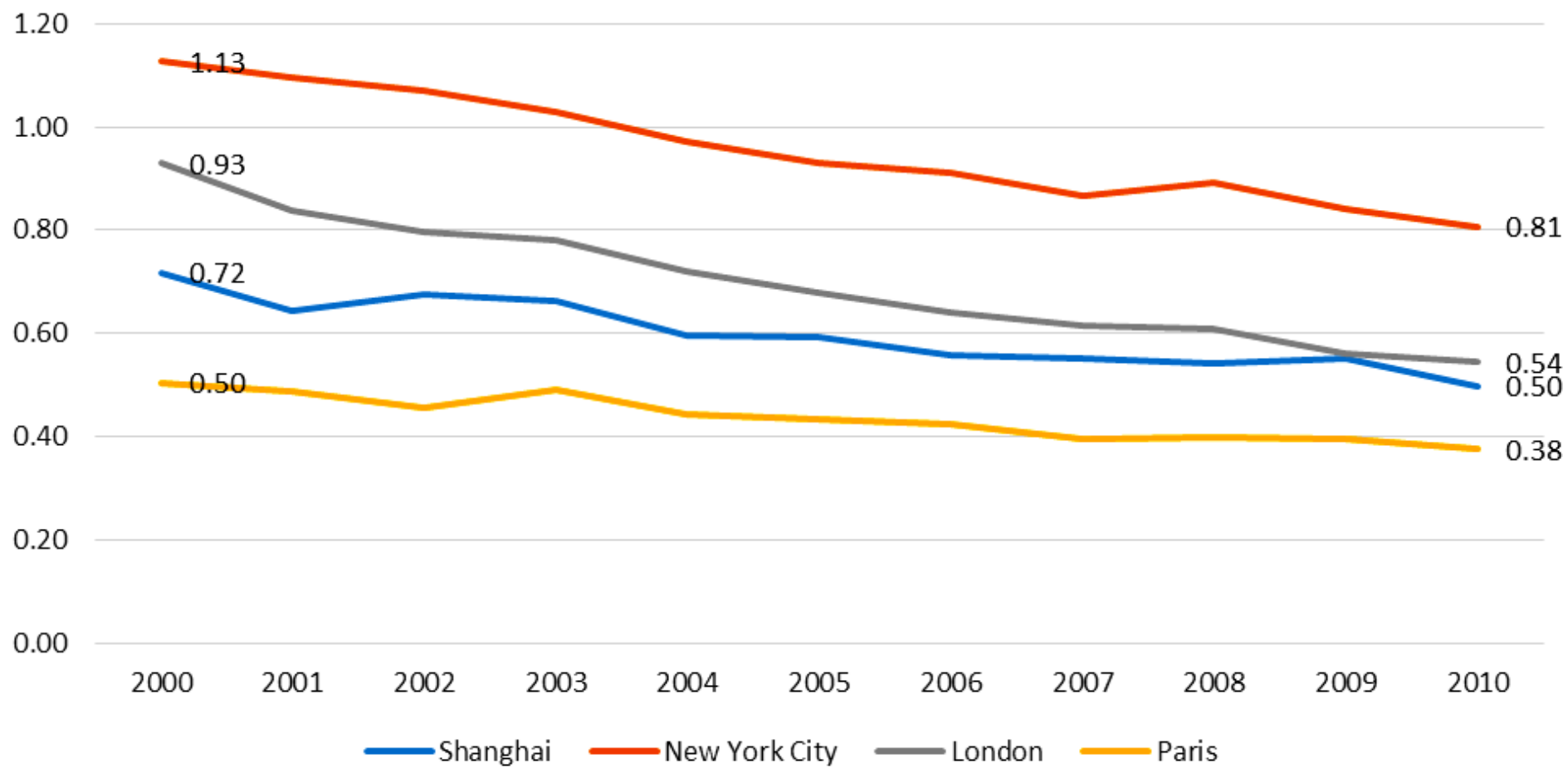




Defining “Avoidable/Amenable Mortality”

- “Avoidable/Amenable Mortality” premature death (prior to 75 years) from diseases amenable to screening and medical intervention
- Examples include:
 - ischemic heart disease
 - several malignancies: breast, colon, cervix, skin
 - tuberculosis
 - maternal deaths

Figure 1: Avoidable Mortality in London, New York, Paris and Shanghai, Ages 0-74, 2000-2010



Age Adjusted Rates per 1000 Population

Dangerous breeding grounds for contagious diseases



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Ageing and the Rise of Chronic Disease



Air Quality within Urban Environments

Without air we would not be able to survive



Photo: New York (from Ecofiscal, 2010)

<http://www.ecofiscal.com/en/2010/06/01/air-quality-standards-for-urban-environments>

Health System Challenges

Will megacity regions evolve into socially infected breeding grounds for the rapid transmission of disease?

Or can they become critical spatial entities for the protection and promotion of population health?