

## LS 2X03 - Lecture 18 – Urbanisation and Human Health

1. Trend towards Urbanization
2. Cities and Non-Infectious Diseases
3. Transmission of Infectious Diseases
4. Social Issues: Mental Health
5. Better Access?

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### Key Concepts

- Trend towards Urbanization
- Cities and Non-Infectious Diseases: cardiovascular diseases; factors leading, groups exposed
- Transmission of Infectious Diseases: factors involved, examples, patterns of spread
- Social Issues: Mental Health, Women
- Reduced access in developing countries

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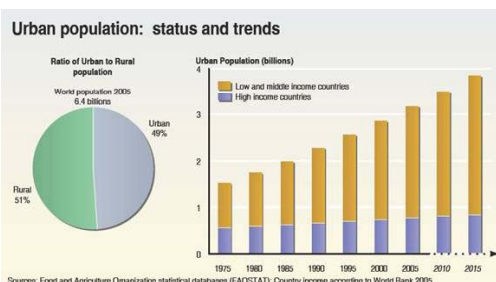
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### 1. Trend towards Urbanization




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## A World of Deprivation




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## 2. Cities and Non-Infectious Diseases

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## Risks from Smoking




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### Children and CVD



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### Cities and Sedentary Lifestyle



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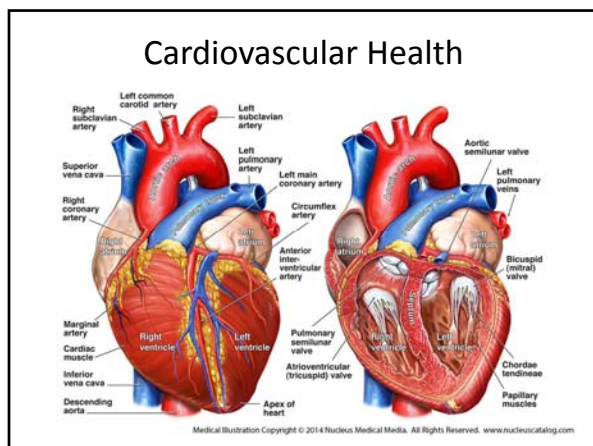
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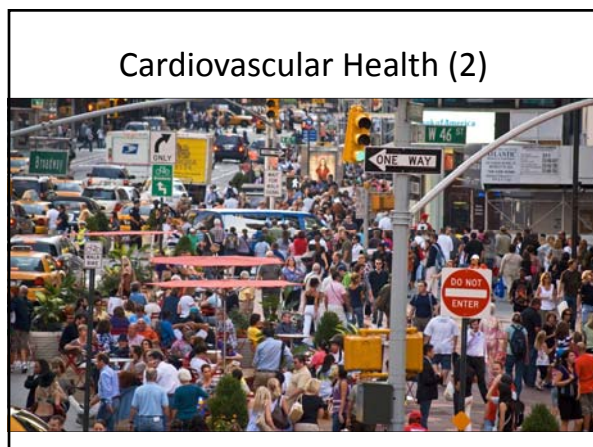
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## Vector-Borne Diseases




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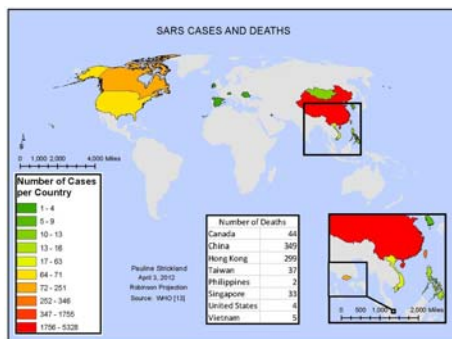
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## The Case of SARS




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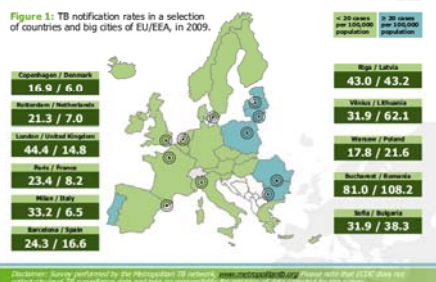
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## Endemic Disease in Cities

### Pattern of TB situation in big cities differs across the EU

Figure 1: TB notification rates in a selection of countries and big cities of EU/EEA, in 2009.





### Infectious Diseases and Cities



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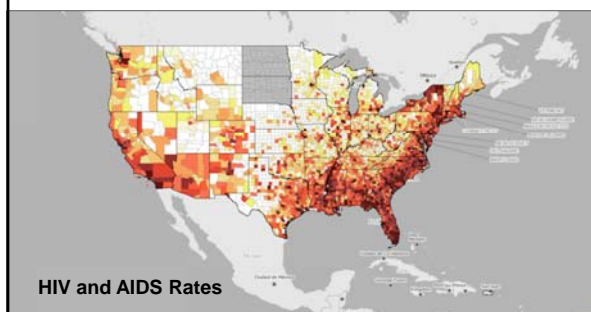
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### Spread of STD's



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### Rural Migration and Dissemination



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### Emerging Diseases



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### 4. Social Issues: Mental Health



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### The Status of Women



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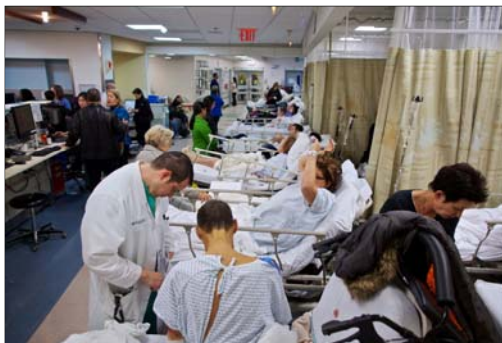
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### 5. Better Access?




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### Conclusion

- The globalization of unhealthy lifestyles is facilitated by urban life
- Air pollution a significant issue associated to cardiovascular disease, cancer and asthma
- Infectious diseases are a major threat in many cities due to population density, particularly in urban slums

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**TO DO!**

1. Tutorials this week: : Group  
Presentations – only if scheduled by TA
- (Bring enough copies of the Judging  
Forms)

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