



## **Urban Shriking Process in the Central European Space**

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# CONTEXTUAL UNDESTANDING OF URBAN SHRINKING



- **Sustainability**
- **Knowledge-based information society**

# SPECIFIC CONDITIONS FOR THE PLANNING TRANSITION PROCESS IN THE CENTRAL AND EASTERN EUROPE I.



## ■ **Structural changes**

as a consequence of economic transformation of the Central and East European Countries towards the market economy.

as a consequence of economic globalisation

as a consequence of world-wide transformation from the industrial society to the information society,

as a consequence of greening of the economy – ensuring sustainable development as the background of structural changes (problem of nuclear energy development).

■ **Relatively recent dynamic “overheated” process of urbanization** connected with the rapid post-war industrialization, **tensions between urbanisation and change in the lifestyles**

■ **disparities between concentration of work places and working crafts**

■ **Combination of transformation processes in industry with the overall social transformation processes in the transition countries and the EU accession processes,**

# SPECIFIC CONDITIONS FOR THE PLANNING TRANSITION PROCESS IN THE CENTRAL AND EASTERN EUROPE II.



- Many **specific branches of industry** with highly qualified labour,
- Rapid process of the **reduction of state ownership**, partly through privatisation and partly with the input of foreign capital,
- In certain regions **high rate of specific industrial production** – e.g. **arm production**,
- Existence of **relatively compact industrial complexes** with low diversification of economic basis,
- **High dependency of the regions on a few dominant industrial works**,
- Combination of **various initial points as the causes of transformation processes with regional relevance**
- **One-way market orientated production** towards the states of the East block and the Soviet Union before 1989 and dependence on COMECON sources for raw resources

# SPECIFIC CONDITIONS FOR THE PLANNING TRANSITION PROCESS IN THE CENTRAL AND EASTERN EUROPE II.



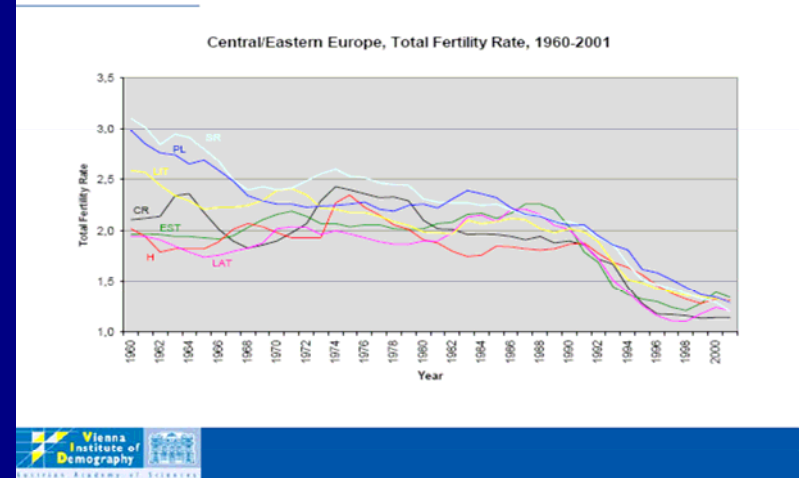
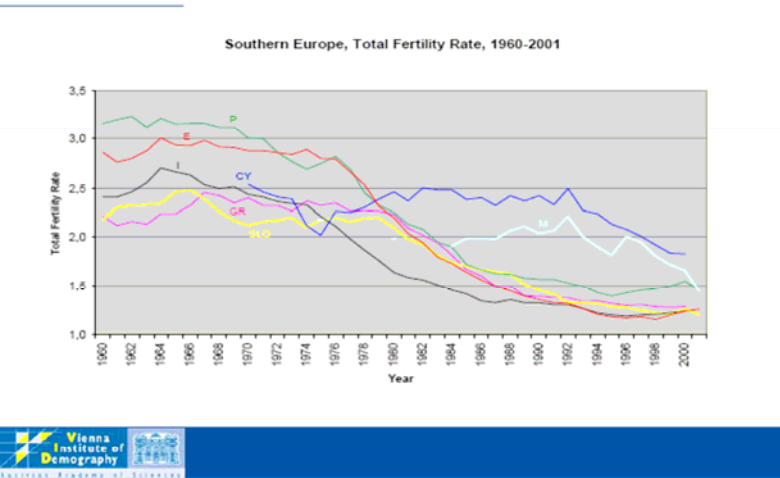
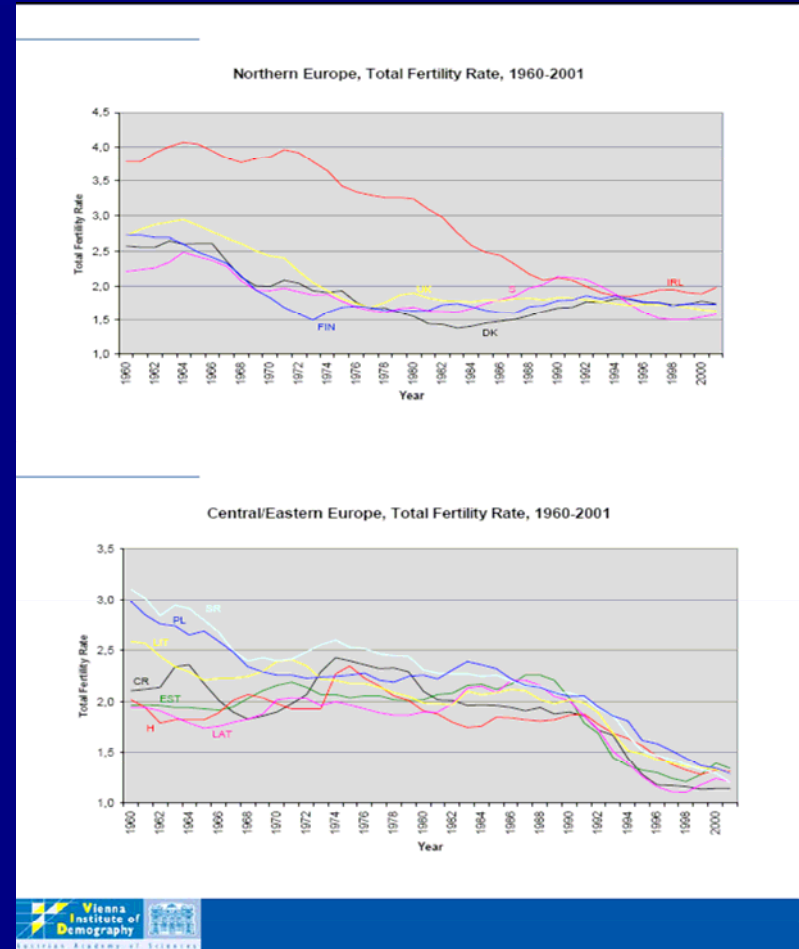
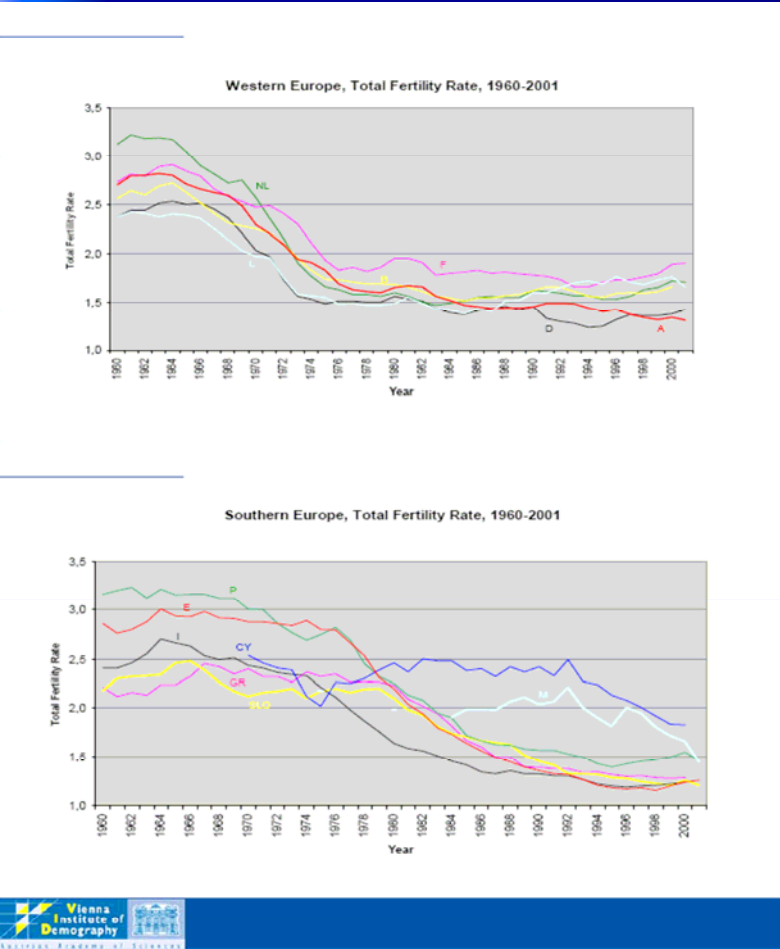
- **Low competition ability** in the world market because of isolated market in the COMECON and **break down of the former markets** of the Council of Mutual Economic Aid,
- **disparities between the need of dynamic development, limited sources and priorities of the historical and cultural heritage protection**
- **re-assessment of the polycentric structure** in the context of integration processes, appearance of new national states, organisational and territorial re-structuralisation of state- and self-governmental system
- **economic impacts on demographic development** – existential problems in the transformation, value systems changes,





# SPECIFIC PRECONDITIONS FOR URBAN DEVELOPMENT IN THE CENTRAL AND EASTERN EUROPE – DEMOGRAPHIC CONDITIOIN – FERTILITY RATES

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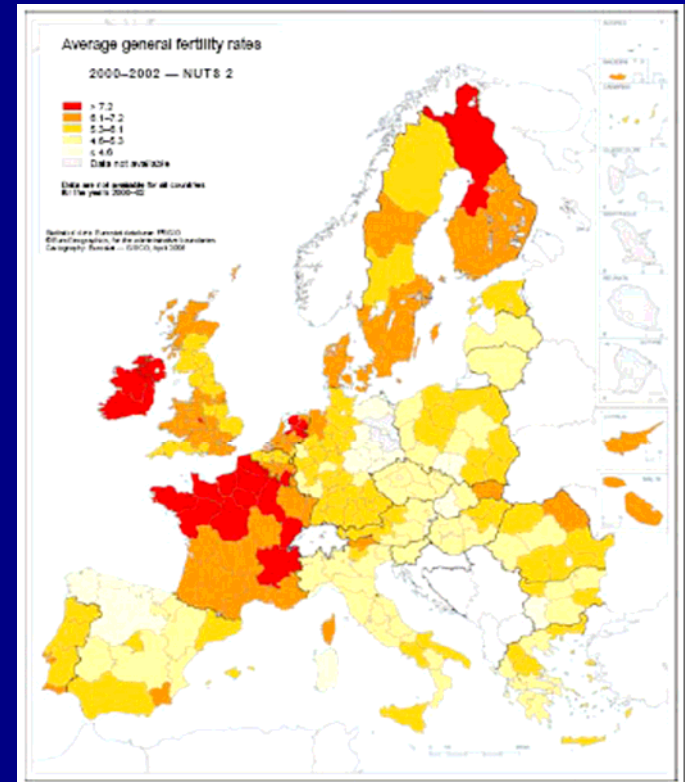
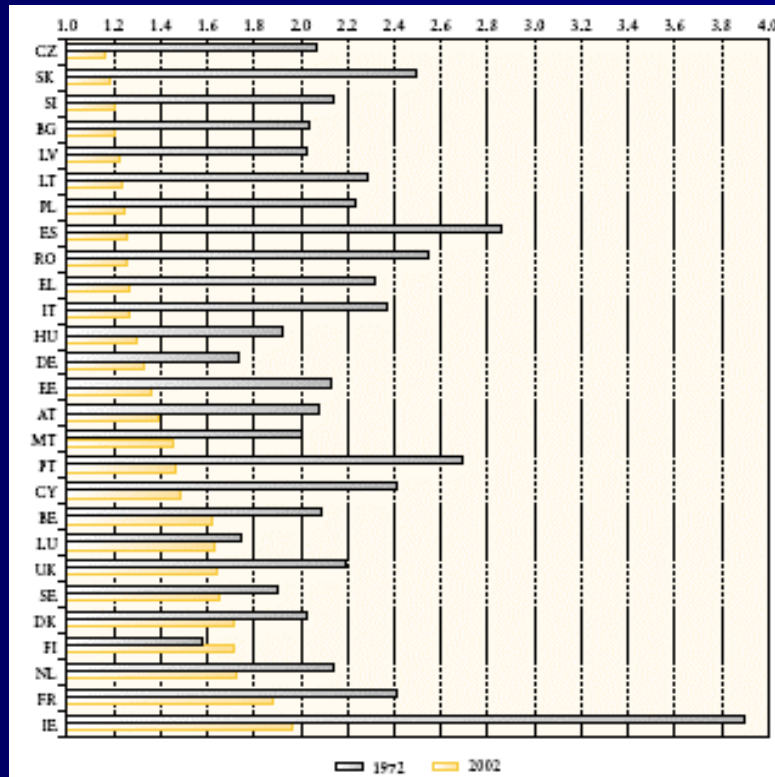
Vienna Institute of Demography

Vienna Institute of Demography

# SPECIFIC CONDITIONS FOR URBAN DEVELOPMENT IN THE CENTRAL AND EASTERN EUROPE – URBAN SYSTEM



## Total fertility rates by country: 1972 and 2002

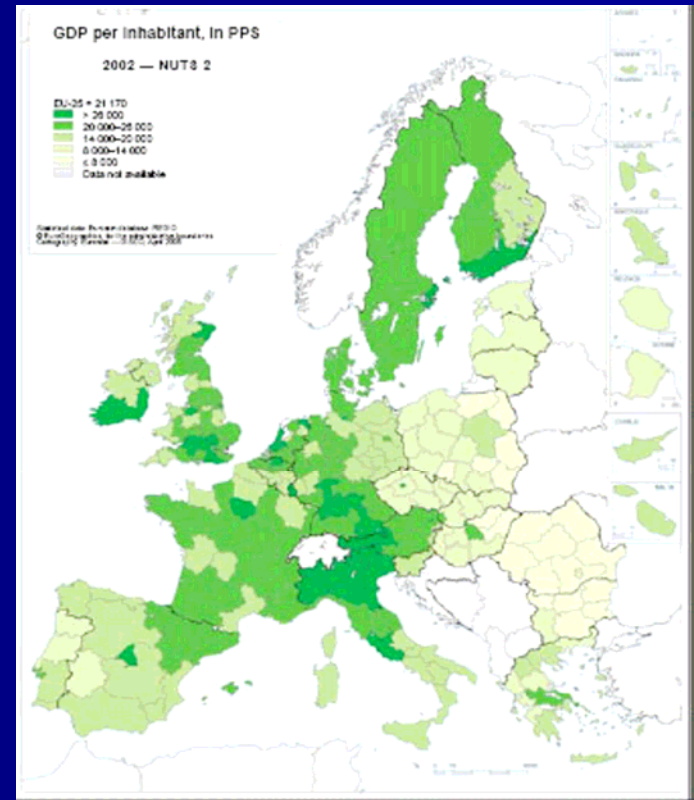
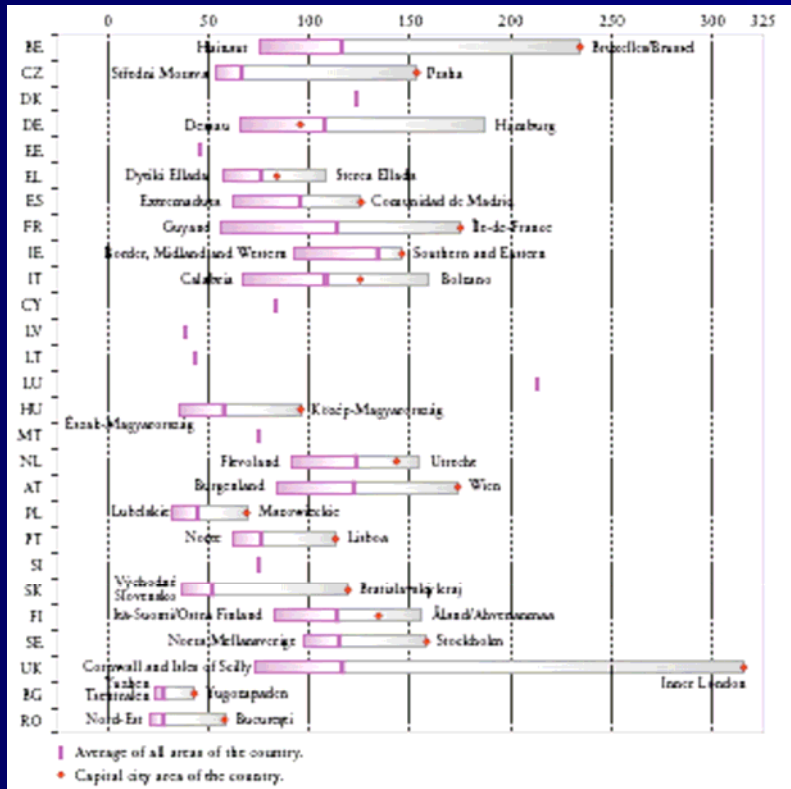


## Average general fertility rates 2000- 2002 NUTS 2

# SPECIFIC CONDITIONS FOR URBAN DEVELOPMENT IN THE CENTRAL AND EASTERN EUROPE – URBAN SYSTEM



## GDP per inhabitant in PPS NUTS2 level in % EU25 average



# SPECIFIC CONDITIONS FOR URBAN DEVELOPMENT IN THE CENTRAL AND EASTERN EUROPE – URBAN SYSTEM



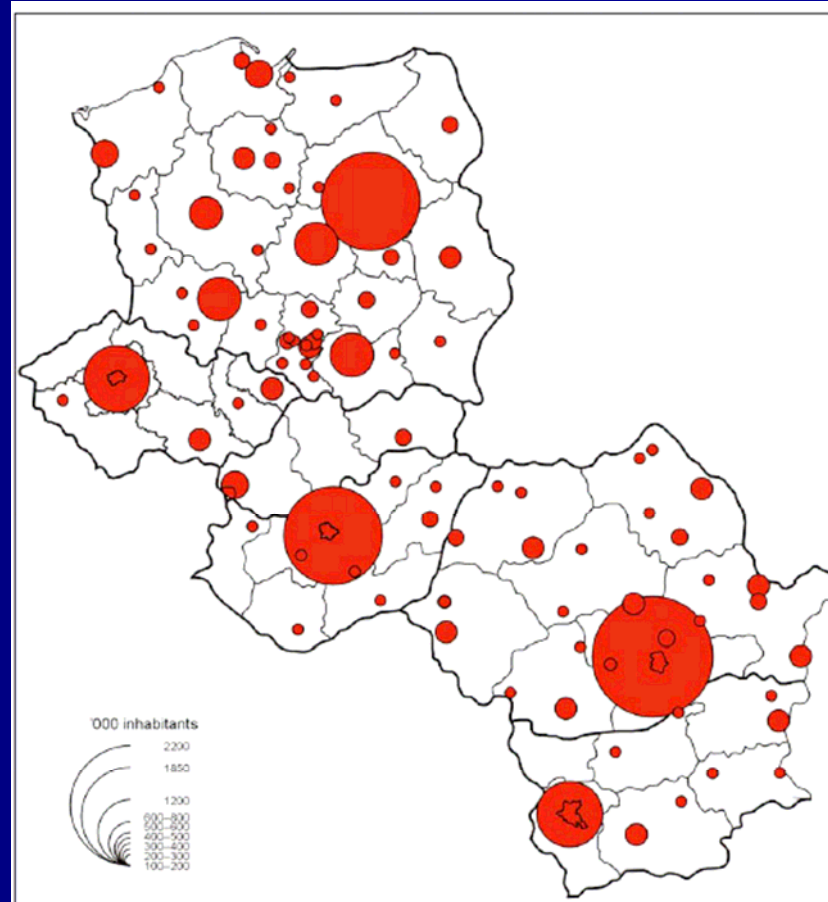
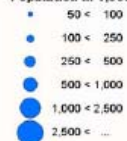
European urban system



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Geographical Base: Eurostat GISCO

Population in 1,000 (1997)



'000 inhabitants



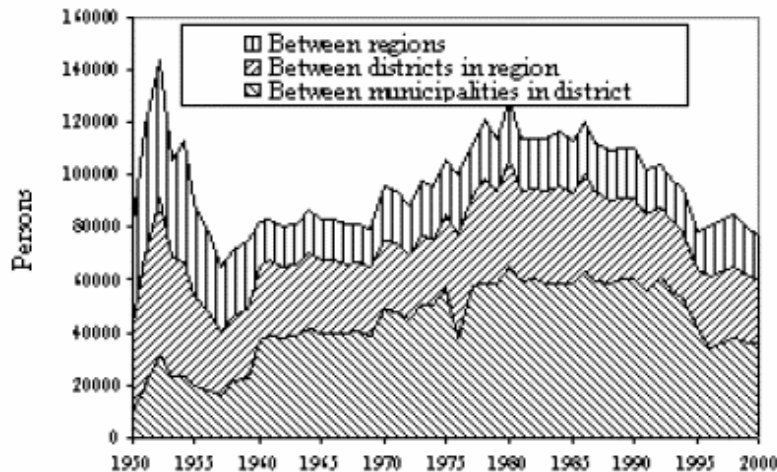
# SPECIFIC FEATURES OF URBAN DEVELOPMENT IN THE CENTRAL AND EASTERN EUROPE



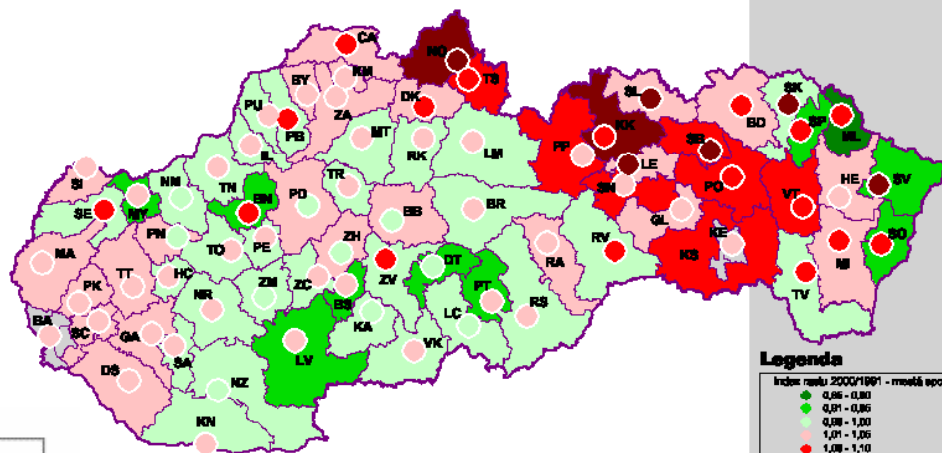
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## INTERNAL MIGRATION

Source: Slovakia 1945-2000, Institute of Informatic and Statistics 2001

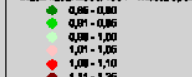


Index rastu obyvateľstva mestského a vidieckeho osídlenia 2000/1991

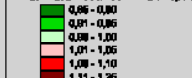


### Legenda

Index rastu 2000/1991 - mestá a obce



Index rastu 2000/1991 - vidieka a osady



KURS 2000

## GROWTH INDEX FOR URBAN AND RURAL SETTLEMENTS

Source: KURS, AUREX 2004

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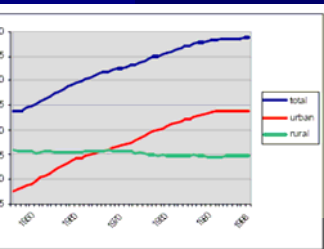
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## Population growth 1980/5, 1985/90 and 1990/95

Source: Deichmann, U., Henderson, V.: Urban and Regional Dynamics in Poland

## Urban development in major cities and agglomerations 1990/95

Source: Deichmann, U., Henderson, V.: Urban and Regional Dynamics in Poland



	Population ('000)				
	city	90-95 change	urban agglomeration	90-95 change	suburban gain
1990					
Warsaw	1656	-21	2165	54	75
Katowice	360	-8	3357	68	76
Krakov	744	1	806	26	25
Lodz	838	-15	1030	11	26

