

LAND USE & POPULATION ANALYSIS



Zagreb Land Use and Population Analysis

Zagreb, February 2014

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City of Zagreb

Office of Strategic Planning and Development of the City_February 2017

LAND USE & POPULATION ANALYSIS

Contents:

- Introduction
- Land use analysis
- Population analysis



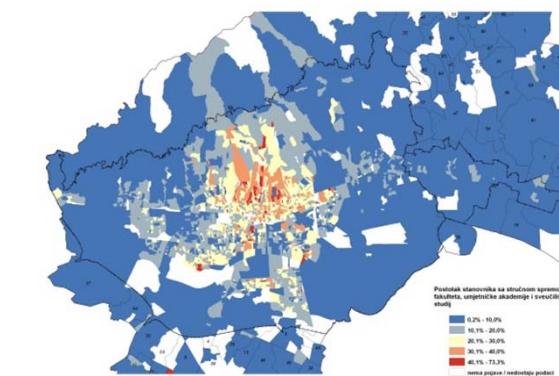
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LAND USE & POPULATION ANALYSIS

Introduction

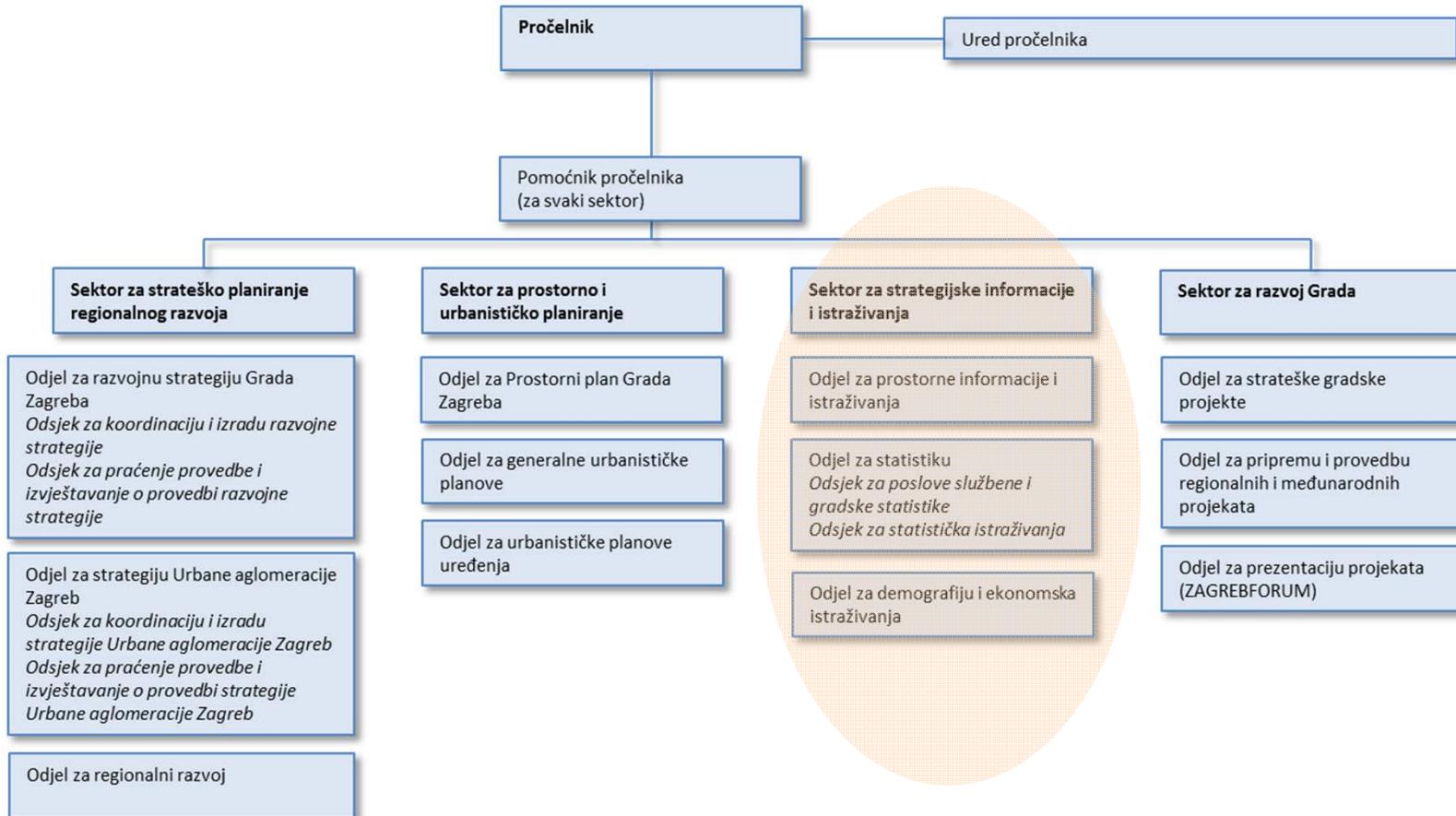
- Spatial analysis in strategic city planning – changes, trends, future scenarios
- Most important analysis – Land use and population
- Sector for strategic information and research (spatial, statistics, socio-economic)
- Data sources:
 - Land use – aerial and satellite images, laser scanning, existing data, land use plans, field surveying
 - Population – census data, spatial units



Ulica	A.I.	Površina sticanika	Broj stanovnika 2001.	Broj stanovnika 2011.	Index 2011/2001	Gospodarstveni podaci 2001.	Dal
Brodskog	10.1	10.00	1000	1000	1.00	1000	1000
Brodskog	17.21	16307	11134	109230	9.81	109230	109230
Brodskog	17.22	14200	11400	10845	9.64	10845	10845
Jasenice	16.48	14000	10700	10445	9.53	10445	10445
Jasenice	220.44	16809	15806	98.00	98.00	15806	15806
Prvomajska	145.21	4500	3500	77.78	77.78	3500	3500
Prvomajska	145.22	20484	20000	98.75	98.75	20000	20000
Prvomajska	145.23	20484	19700	96.05	96.05	19700	19700
Prvomajska	201.87	20484	19700	96.05	96.05	19700	19700
Raguzina	201.88	36100	37623	103.44	103.44	37623	37623
Sveti Ivan Zelina	188.94	16200	11809	98.10	98.10	11809	11809
Sveti Ivan Zelina	188.95	16200	11809	98.10	98.10	11809	11809
Varaždinske Toplice	37.15	6300	2223	35.00	35.00	2223	2223
Varaždinske Toplice	387.01	6300	6300	1.00	1.00	6300	6300
Cipek	168.57	21445	1975	92.17	92.17	1975	1975
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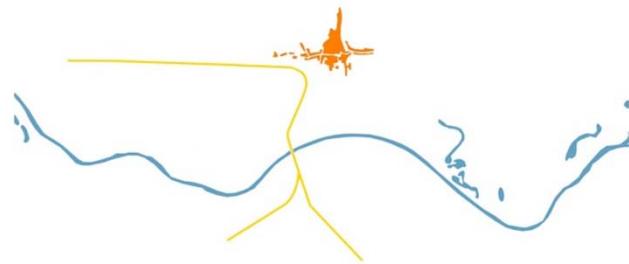
Role of information and research in Office organisation



LAND USE & POPULATION ANALYSIS

Historical Spatial development

- 1890



- 1930



- 1960



- 2011

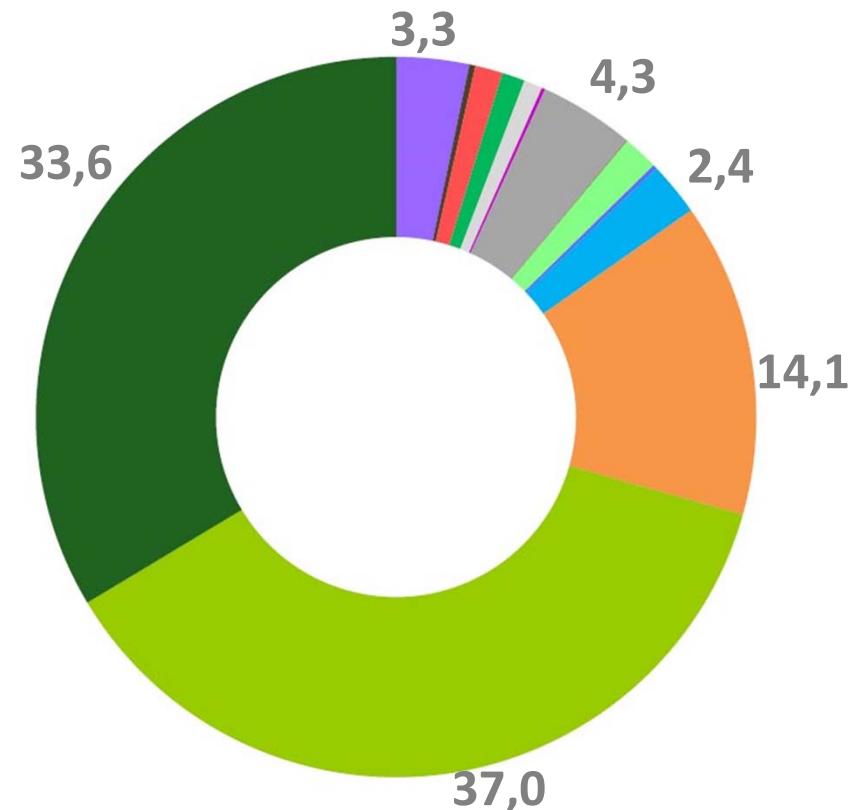
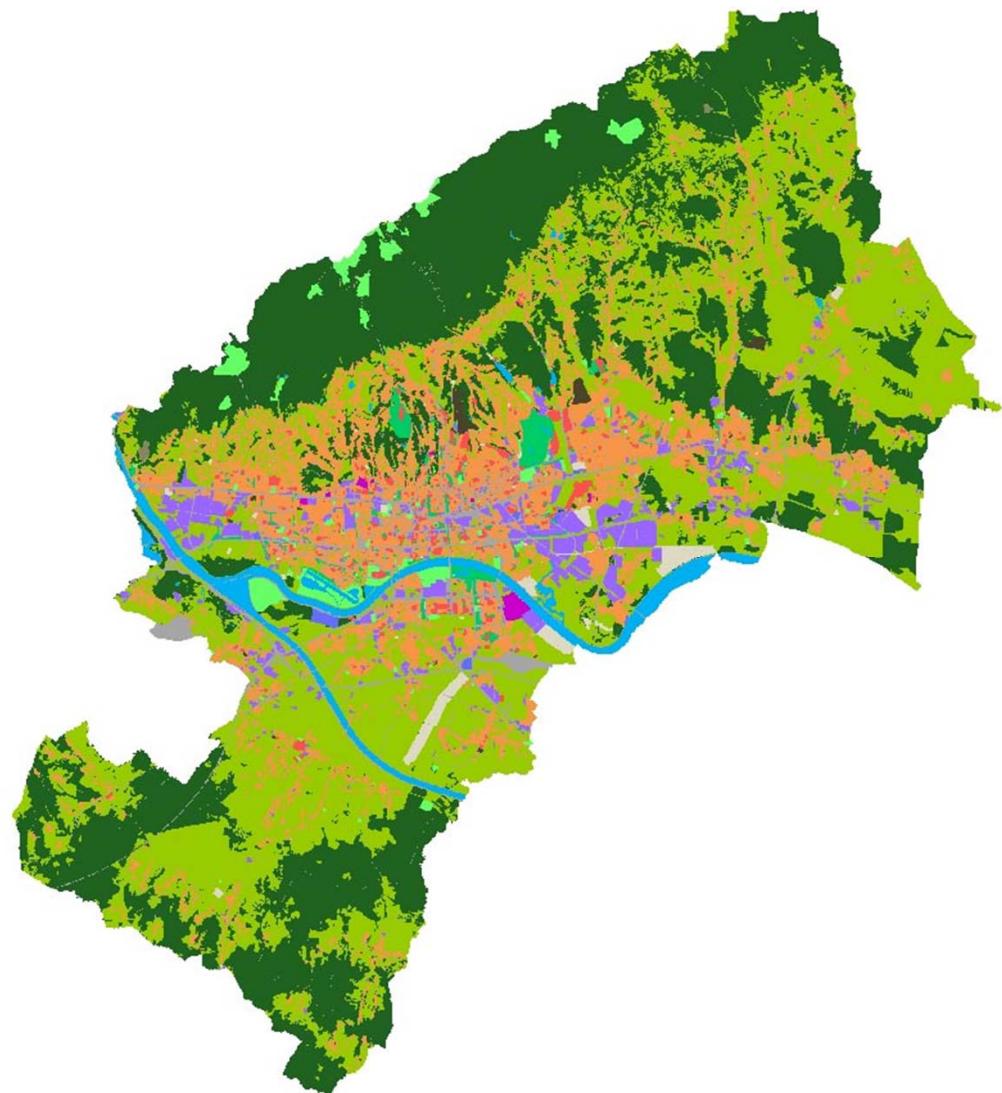


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LAND USE & POPULATION ANALYSIS

Land use 2011

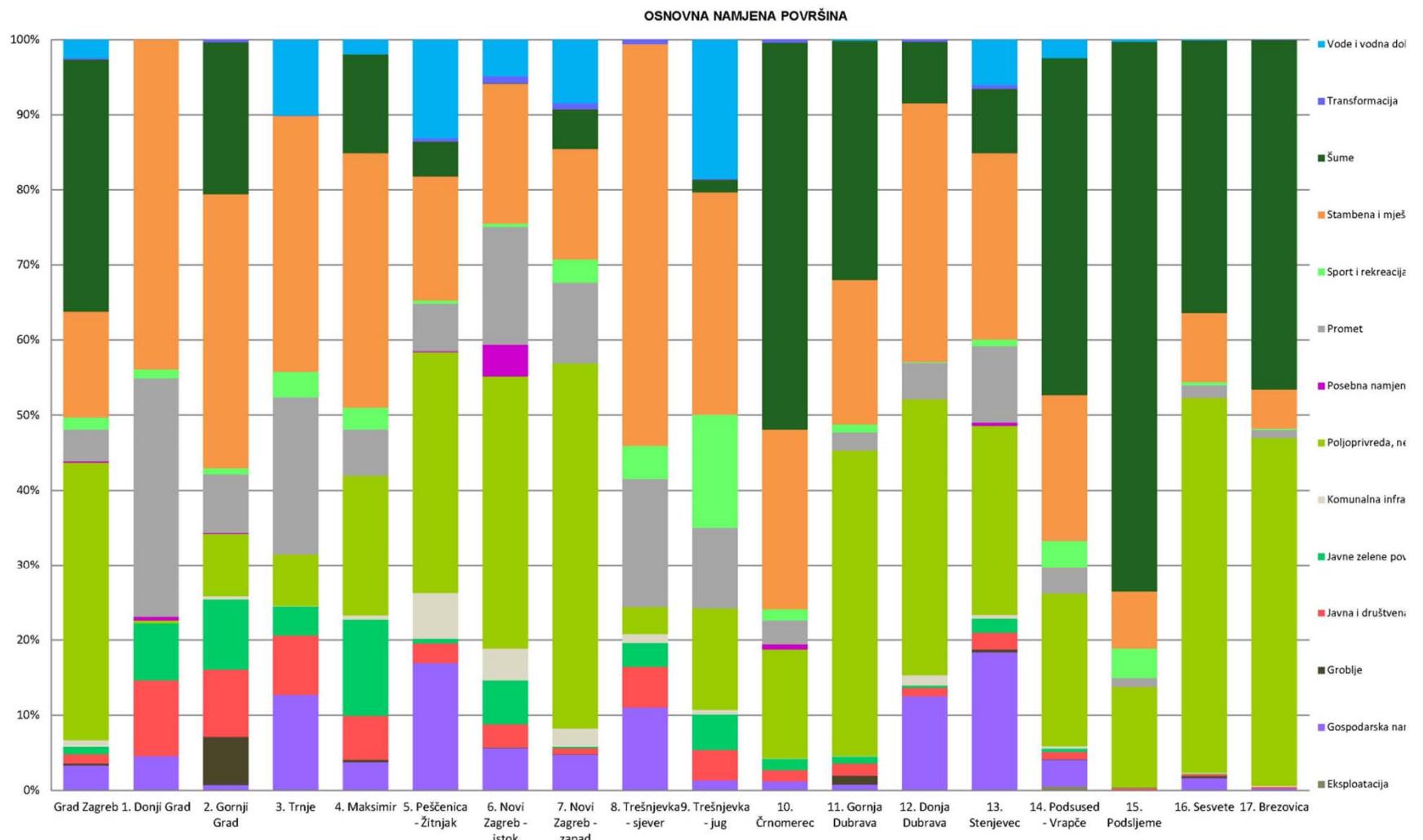


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Land use 2011. by city districts

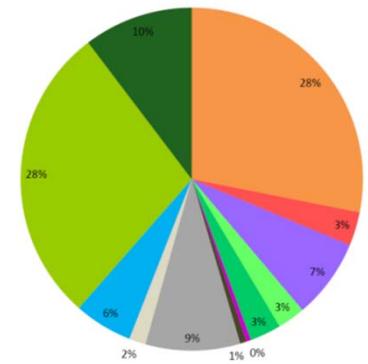
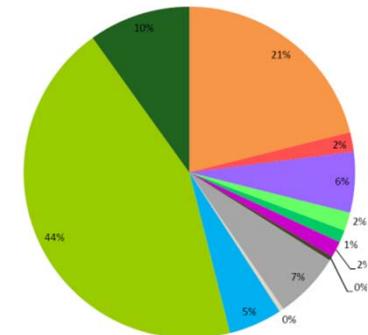


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Urban land use change 1986-2011 + 37%



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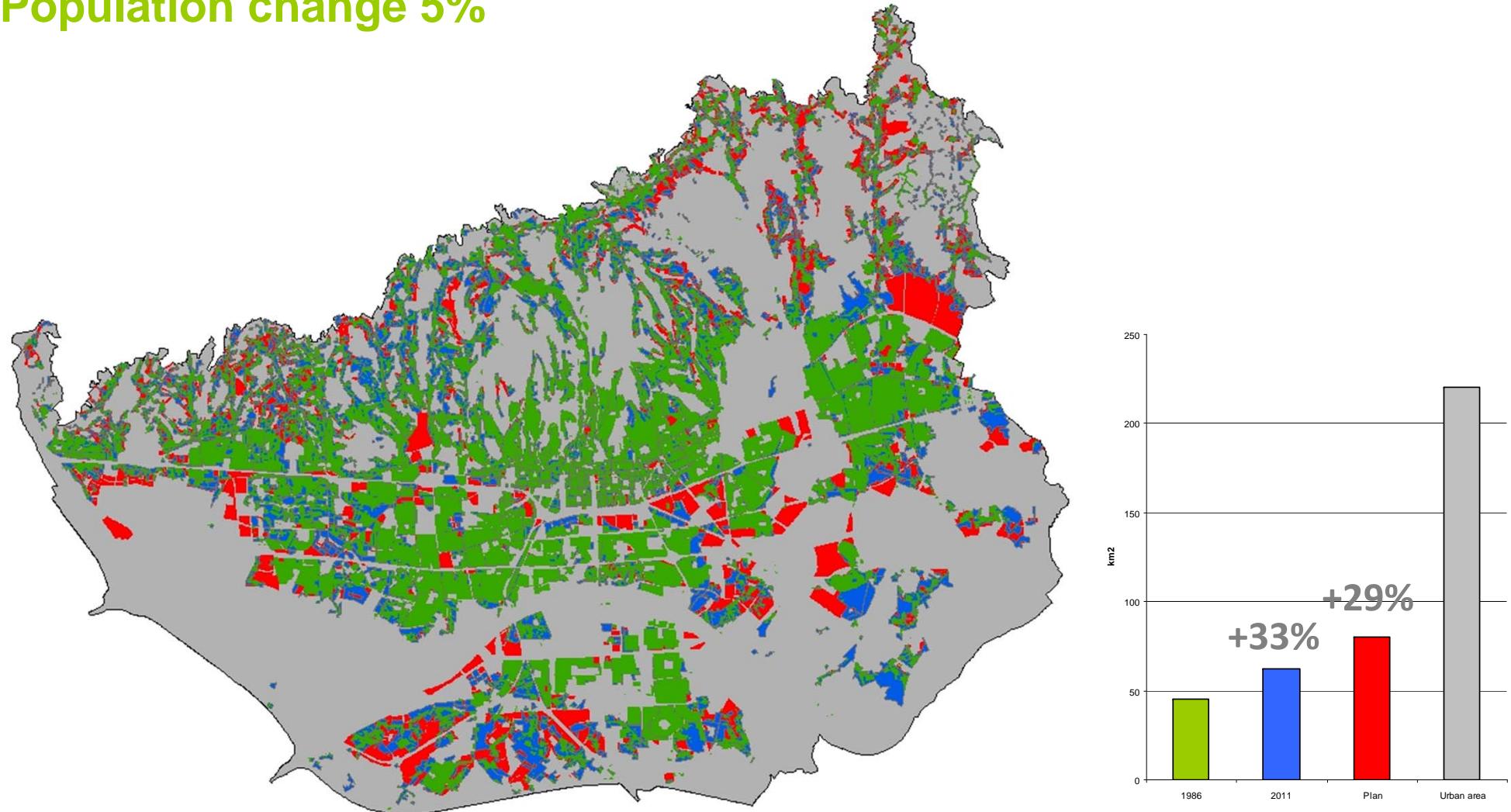
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Residential and mixed land use changes 1986 / 2011 / Plan

+ 33% / + 29%

Population change 5%

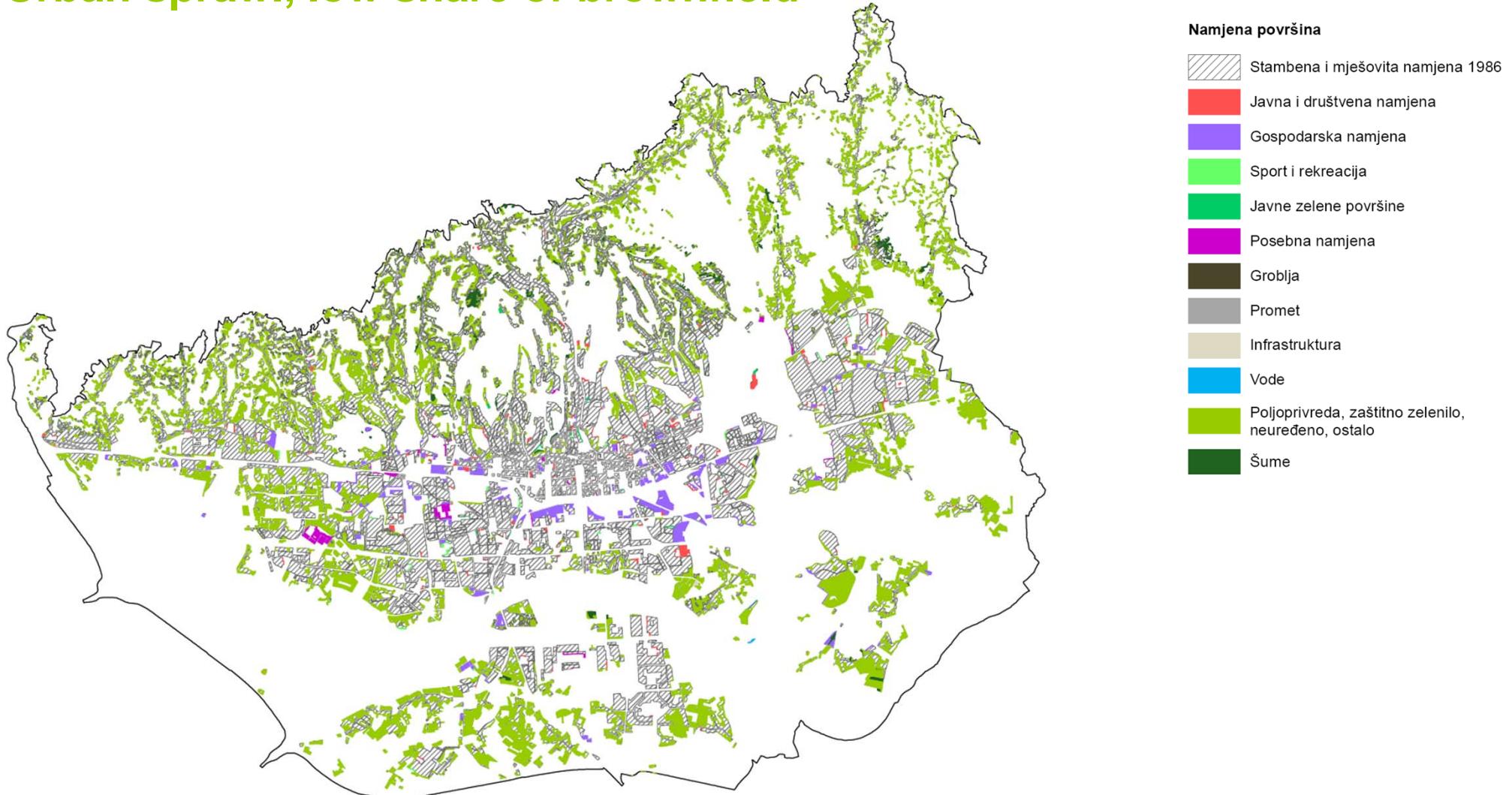


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LAND USE & POPULATION ANALYSIS

Residential and mixed land consumption 1986-2011,
Urban sprawl, low share of brownfield

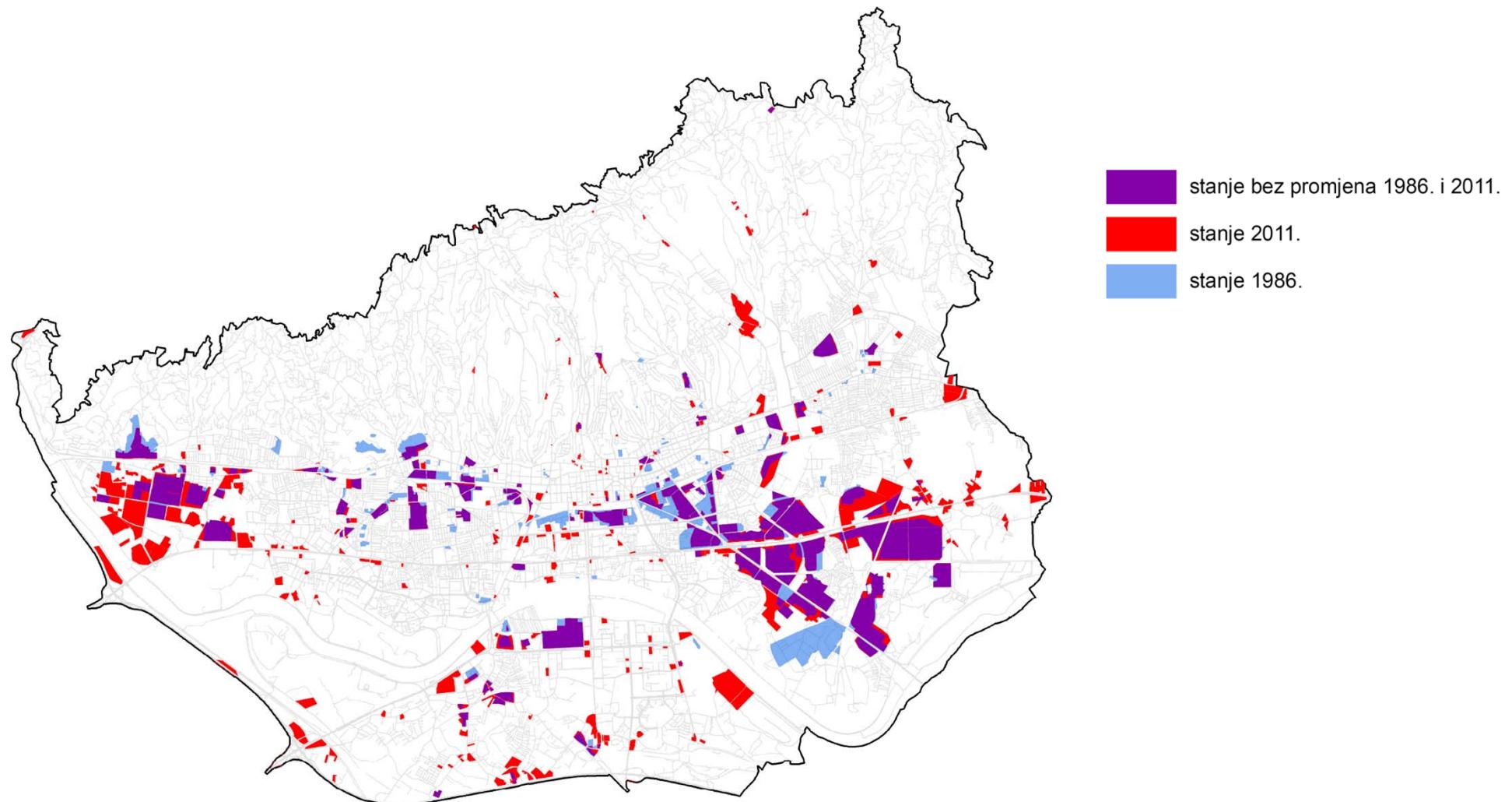


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Industry and bussines land use change 1986-2011 New sites, transformation

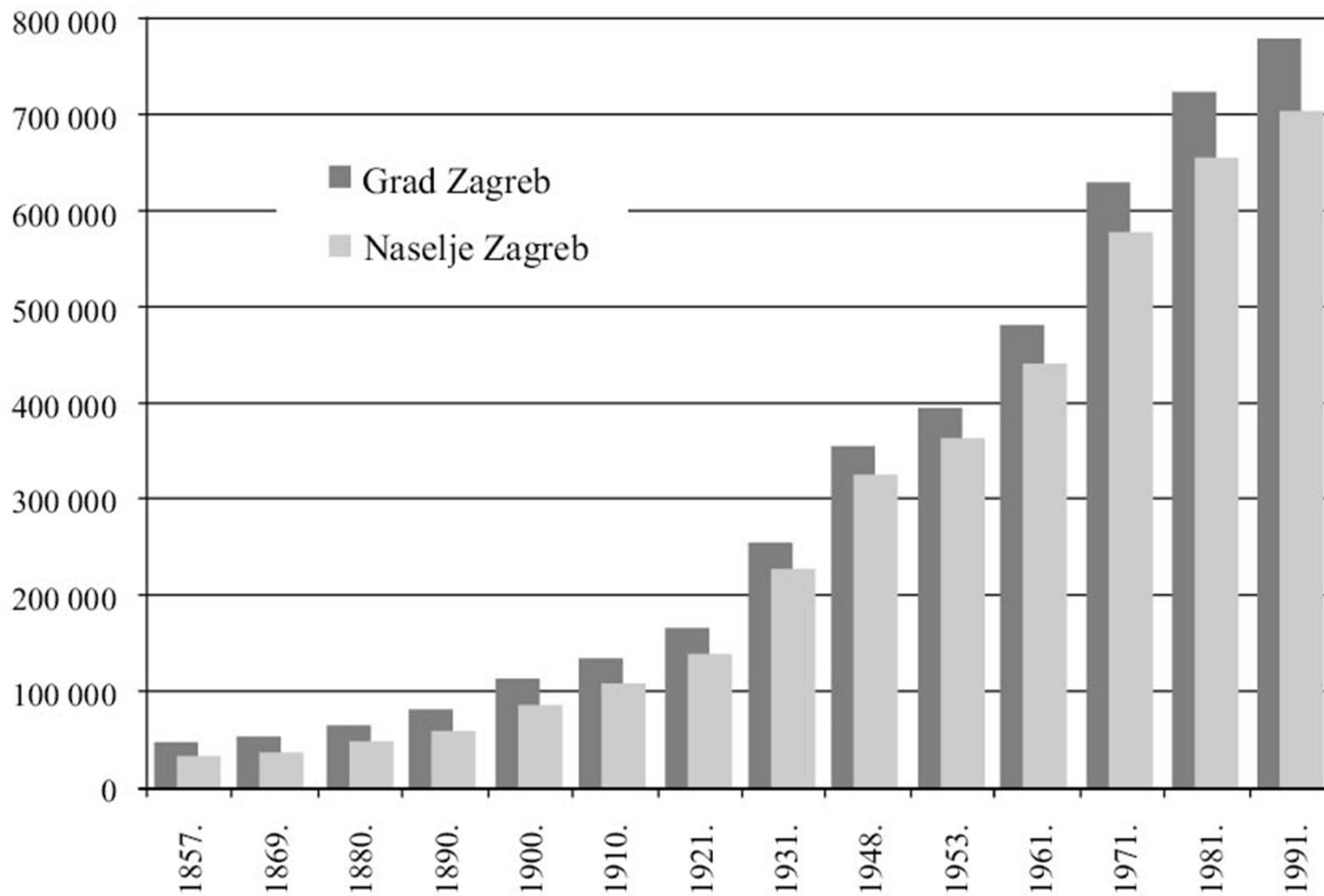


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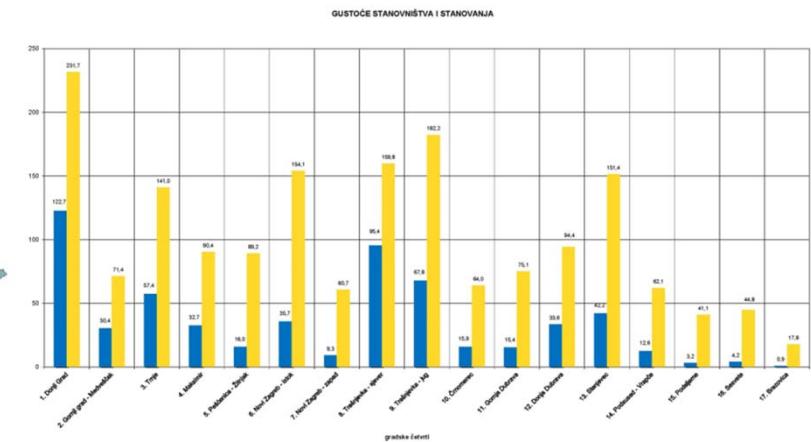
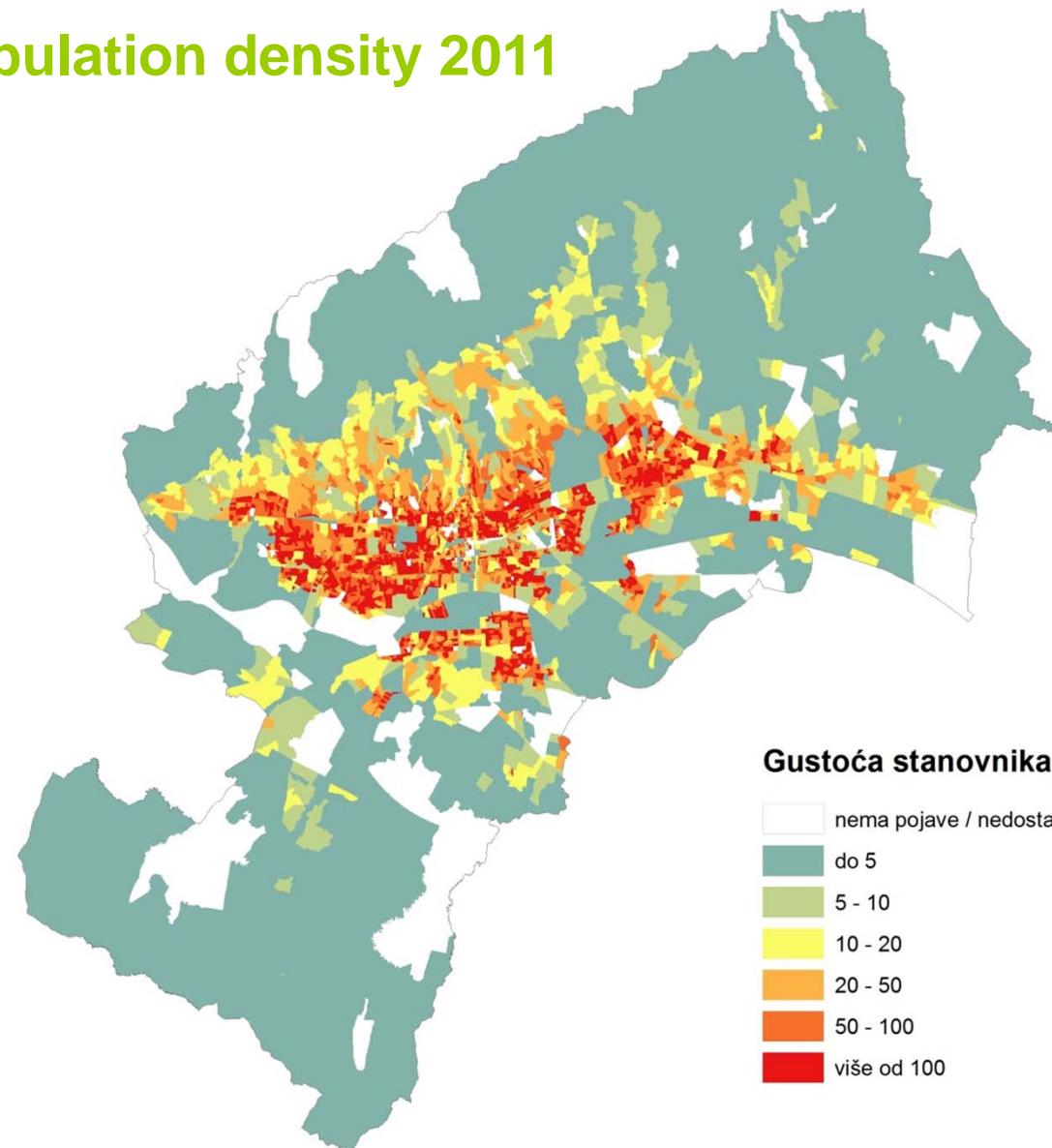
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Population growth in 20th century



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Population density 2011

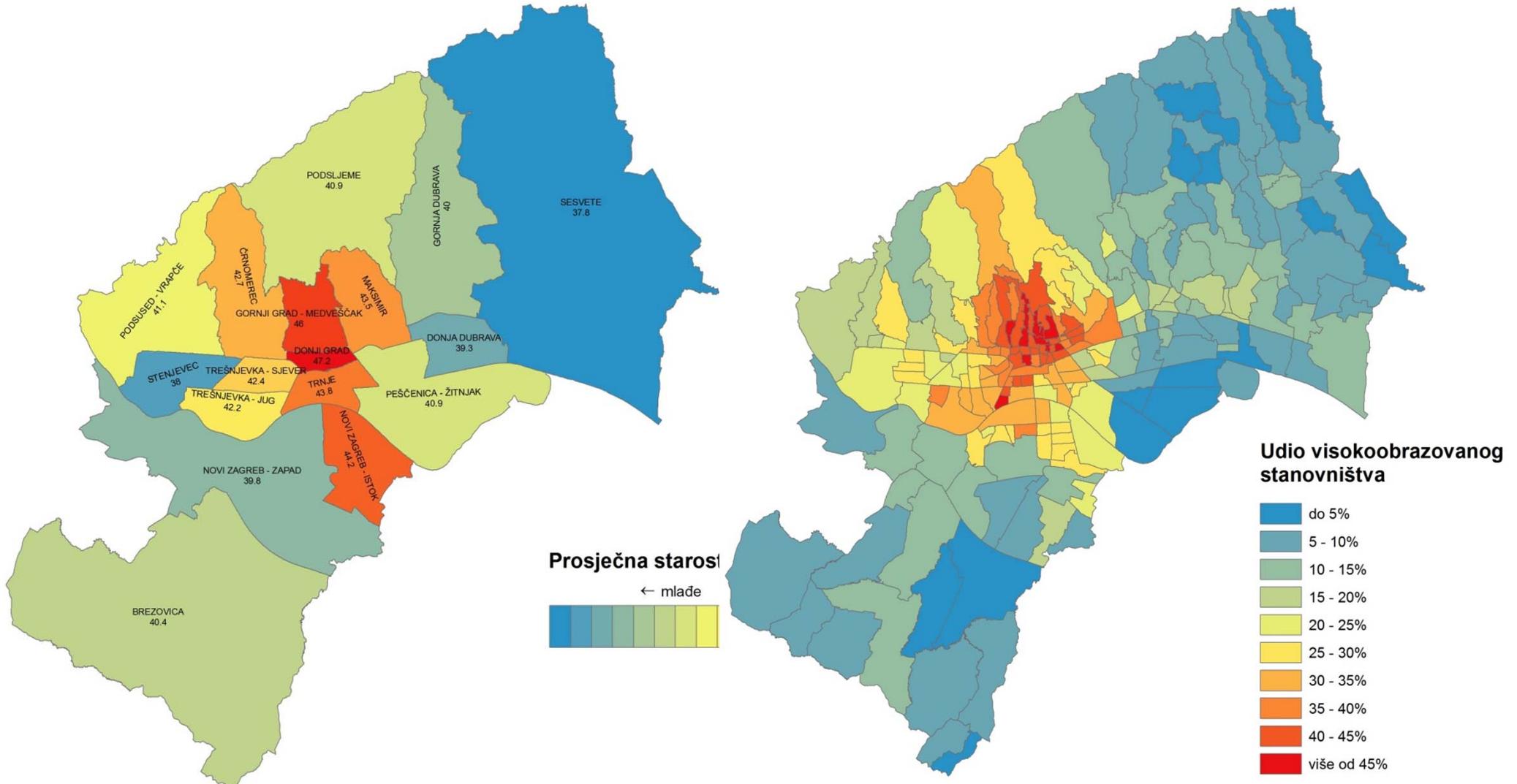


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Average age and percentage of citizens with higher education

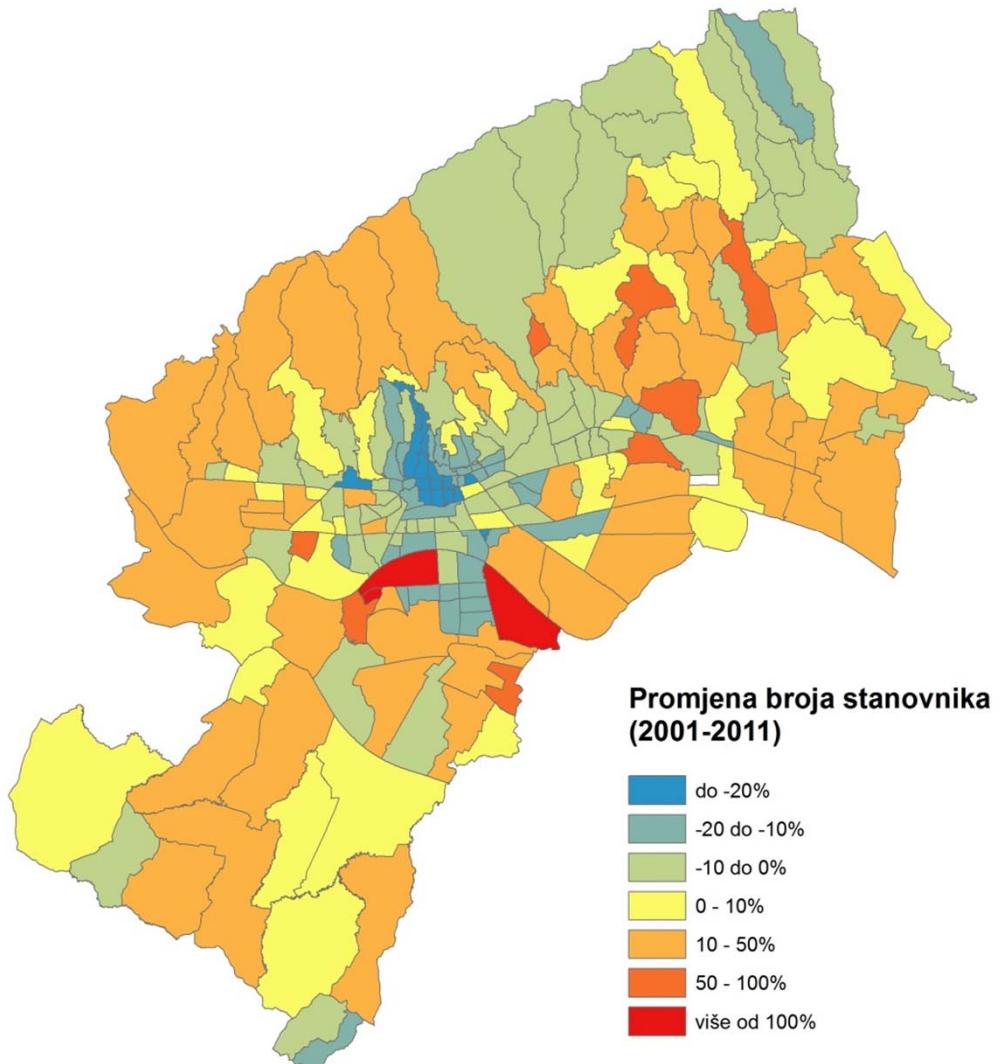
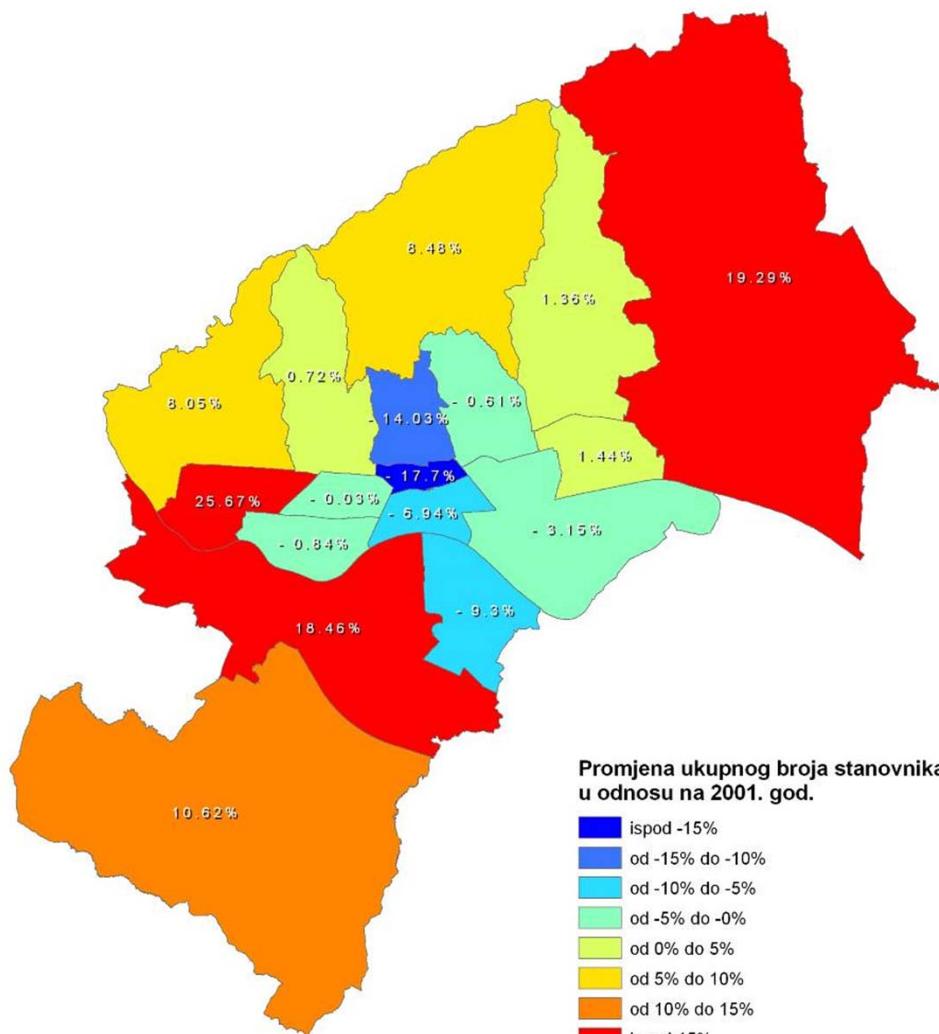


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Population change 2001-2011 by city districts and quarters

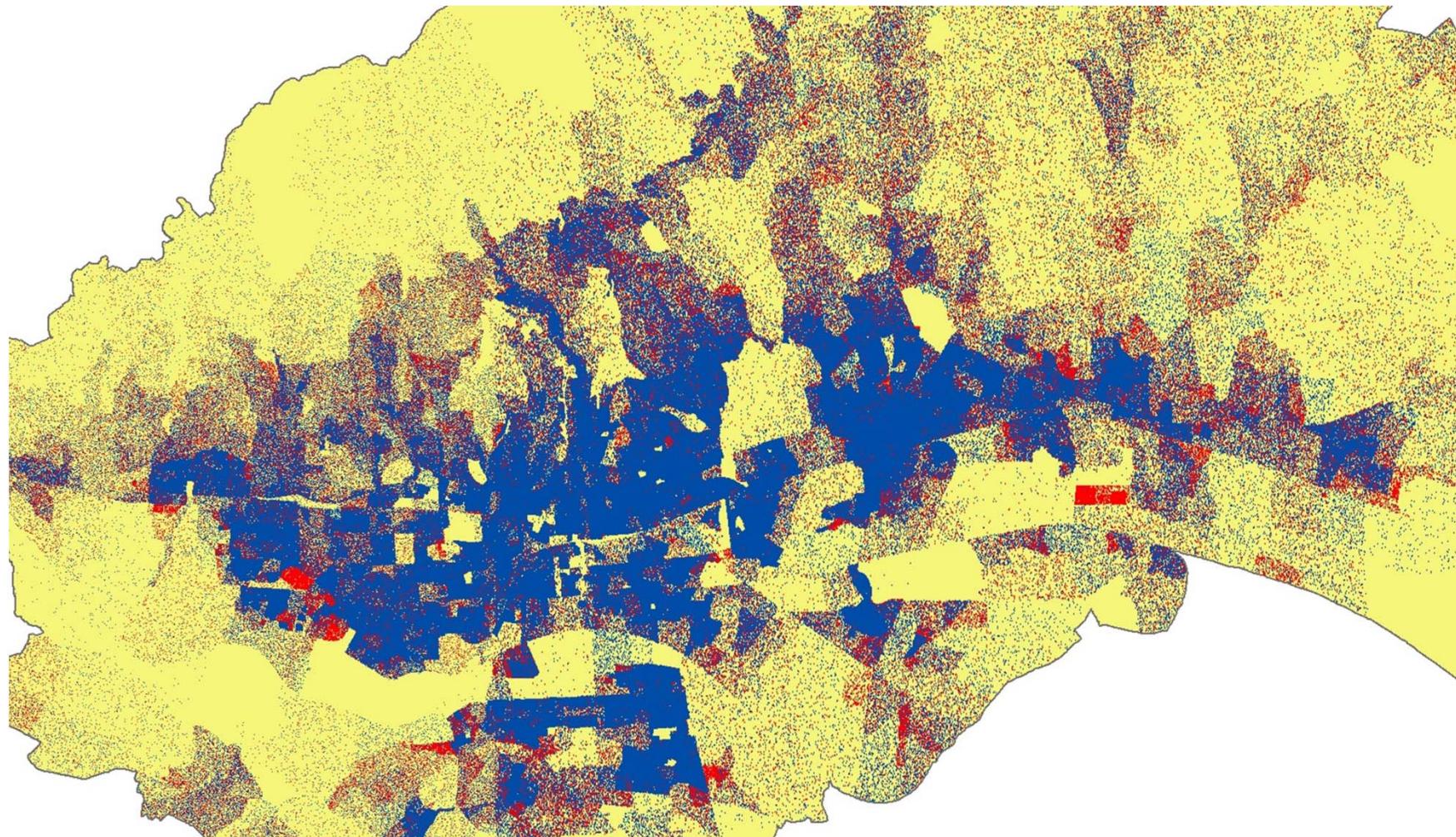


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LAND USE & POPULATION ANALYSIS

Population distribution change 2001-2011 in urban area

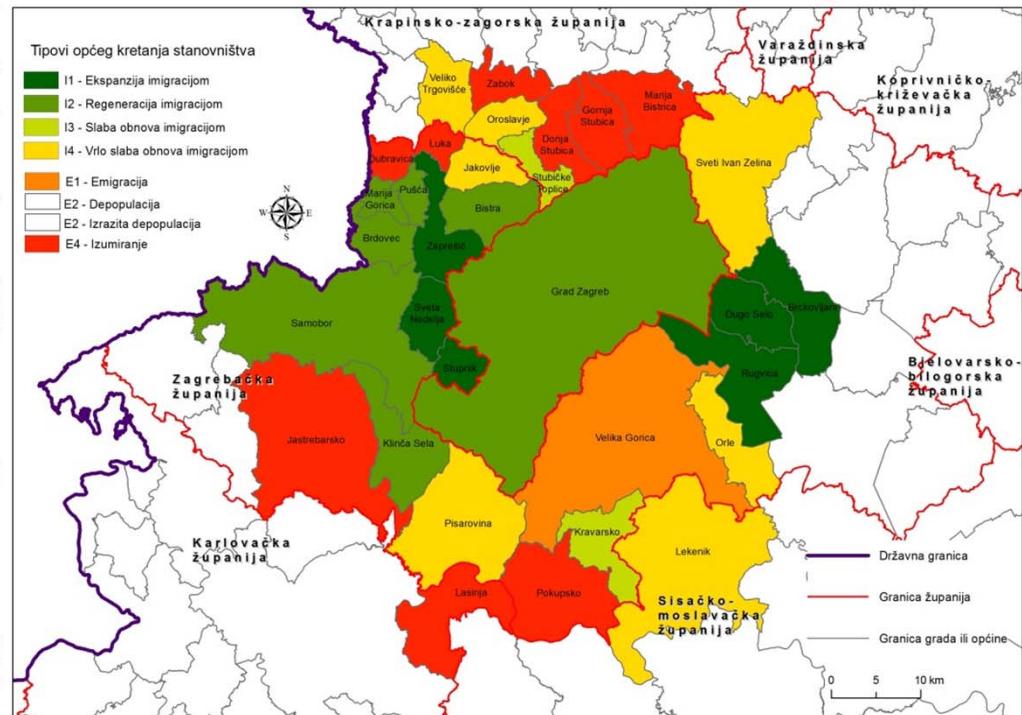
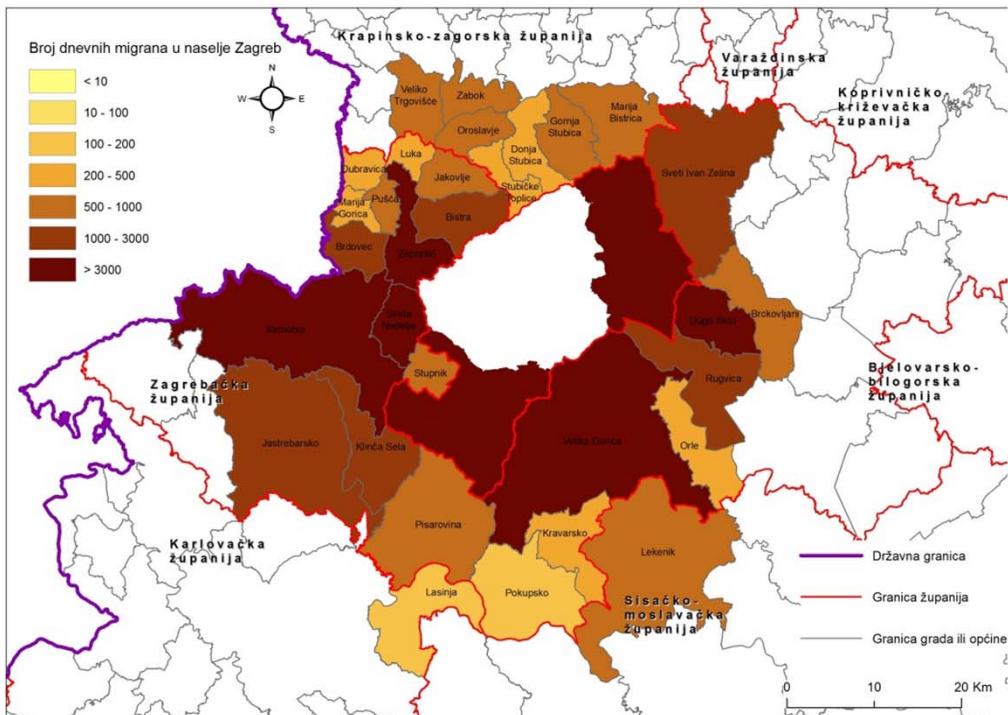


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Zagreb Urban Agglomeration



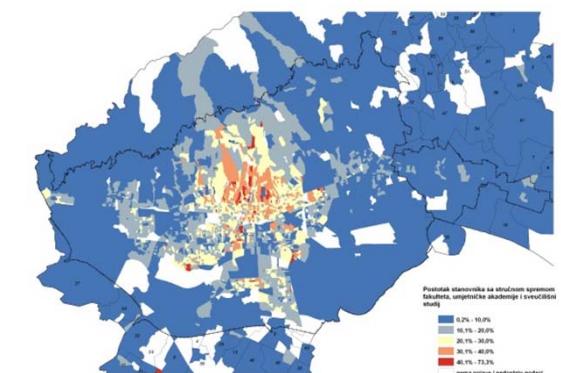
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Conclusions

- Almost zero population growth
- City centre is depopulating
- Lot of new apartments and planned building land
- Unrational consumption of land for housing
- Abandoned industrial sites
- New general urban plan – decrease of planned building land for housing
- Development of brownfield projects
- Redevelopment of city centre



Grad	Površina stotinika	Broj stanovnika 2001.	Broj stanovnika 2011.	Index 2011/2001	Gospodarstvenost 2001.	Ost.
Zagreb	17,23	16307	11134	109,21/100	100,00%	0,0%
Djep Sela	10,48	14200	11400	108,44/100	100,00%	0,0%
Jastrebarsko	22,44	16809	15806	100,00/100	100,00%	0,0%
Prelog	14,23	4500	5200	115,56/100	100,00%	0,0%
Velika Gorica	31,23	20400	20000	100,00/100	100,00%	0,0%
Brod	21,87	20000	19700	100,00/100	100,00%	0,0%
Ruzici	18,94	16200	17600	103,75/100	100,00%	0,0%
Sveti Ivan Zelina	188,94	16200	118059	98,10/100	100,00%	0,0%
Čakovec	37,15	11000	10000	100,00/100	100,00%	0,0%
Varaždin	30,97	45000	22223	100,00/100	100,00%	0,0%
Varaždinske Toplice	16,57	22000	19775	90,31/100	100,00%	0,0%
Preko	105,71	20400	20224	100,00/100	100,00%	0,0%
Šibenik	12,49	10000	10000	100,00/100	100,00%	0,0%
Slavonski Brod	52,89	85000	6632	100,00/100	100,00%	0,0%
Osijek	17,51	11000	11000	100,00/100	100,00%	0,0%
Dubrovnik	20,94	15000	1437	96,45/100	100,00%	0,0%
Drniš	10,44	10000	10000	100,00/100	100,00%	0,0%
Senj	45,2	50000	56800	105,74/100	100,00%	0,0%
Varaždinske Toplice	27,13	45000	59756	100,00/100	100,00%	0,0%
Knin	27,13	20000	18100	90,51/100	100,00%	0,0%
Zeleni Venac	26,51	20000	16000	80,00/100	100,00%	0,0%
Leskovac	80,2	90000	89000	98,83/100	100,00%	0,0%
Zajecar	80,1	77000	78000	101,27/100	100,00%	0,0%



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