

DRŽAVNI ZAVOD ZA STATISTIKU
CROATIAN BUREAU OF STATISTICS

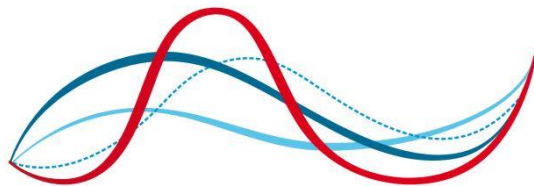
**Improvement of energy statistics system and data quality
through establishment of appropriate institutional organization
for energy statistics**

CROATIAN OFFICIAL ENERGY STATISTICS

Mr. Marko Krištof, Director General

INOATE International Conference on the Achievement of Energy Statistics
Action Plans (2012-2014) and Importance of Improving Data Quality for
Energy Statistics, Balances and Planning

Zagreb, 26-27 November 2014

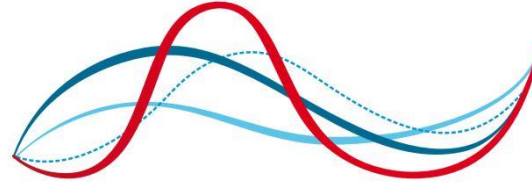


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CROATIAN OFFICIAL ENERGY STATISTICS

Croatian Bureau of Statistics (CBS) is main producer and disseminator of official statistics in the Republic of Croatia

- The Official Statistics Act, Official Gazette (OG) No 103/03, 75/09 and 59/12, Consolidated version – OG No 12/13

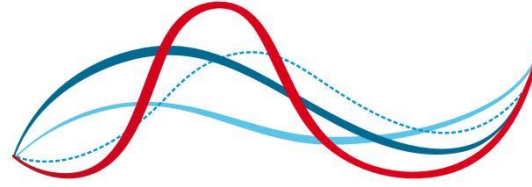


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Data collection for Energy Balance

Energy supply data sources:

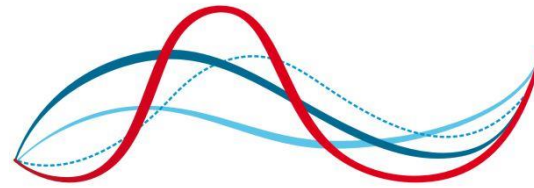
- **Production, transformation, stocks**
 - Annual PRODCOM survey on industrial production
 - Annual REPRO survey on repro-materials and final energy consumption in industry
 - Annual survey on the production of biogas and biomass and the production of electricity and heat from biogas and biomass
 - Annual survey on the production of pellets and briquettes from biomass, wood chips and charcoal
 - Annual survey on the biofuels production and market



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Data collection for Energy Balance

- **Export/Import**
 - Foreign trade data
- **Consumption, stocks**
 - Annual REPRO survey on repro-materials and final energy consumption in industry
 - surveys in transport and construction statistics (11 surveys)
 - administrative sources
 - EIHP own surveys



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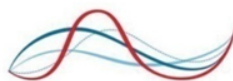
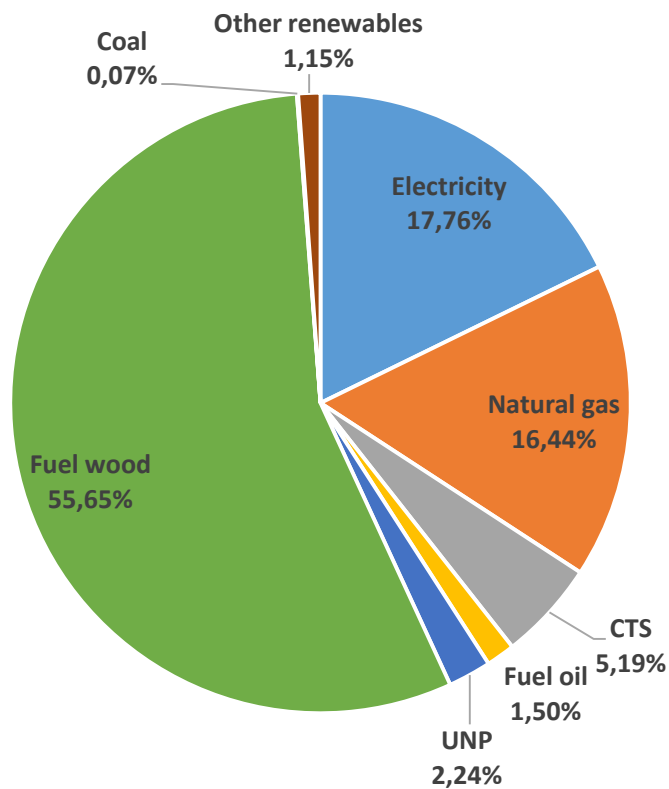
Survey on final energy consumption in households

- Carried out for the first time in RH (during 2013/2014)

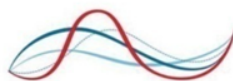
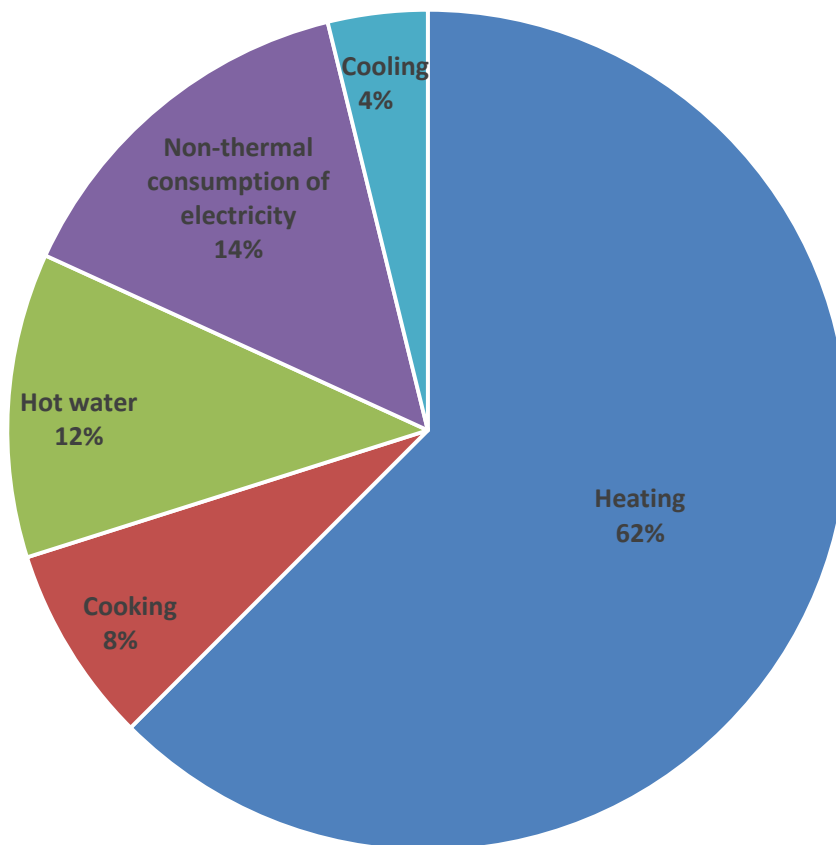
Purpose:

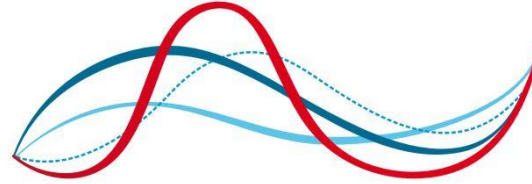
- improvement of energy balance sources – data on structure of final energy consumption in households by type of fuels
- Energy efficiency indicators – data on structure of final energy consumption in households by purpose for Energy efficiency indicators

Structure of final energy consumption in households by type of fuels



Structure of final energy consumption in households by purpose





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Consumption of energy in enterprises

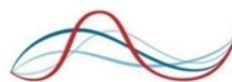
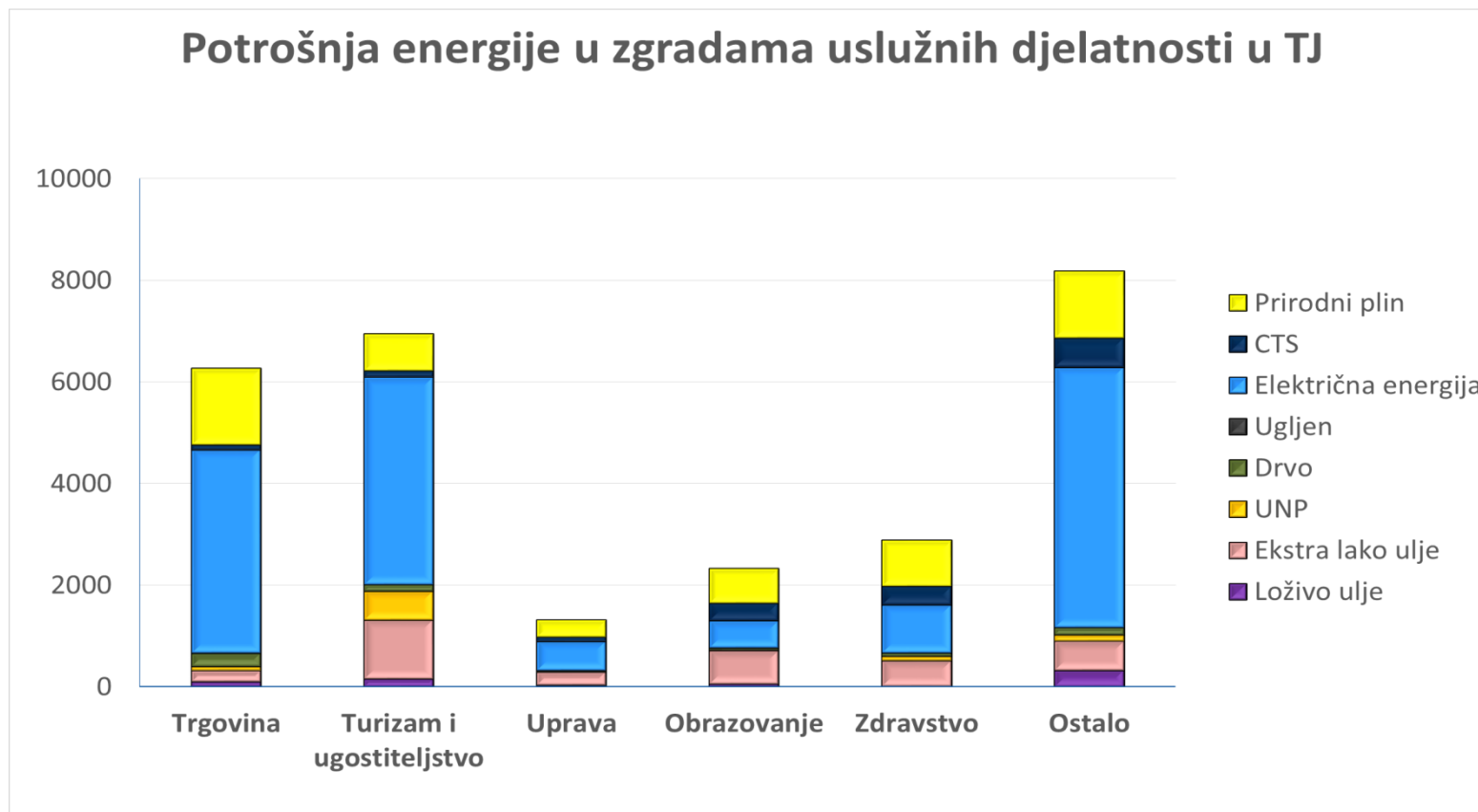
- **Statistical surveys**

- Annual REPRO survey on repro-materials and final energy consumption in industry
- Survey on final energy consumption in services for 2012 (carried out within IPA 2009)
- surveys in transport and construction statistics (11 surveys)

- **Administrative sources**

- agreements signed between CBS and electricity, heat and gas distributors)

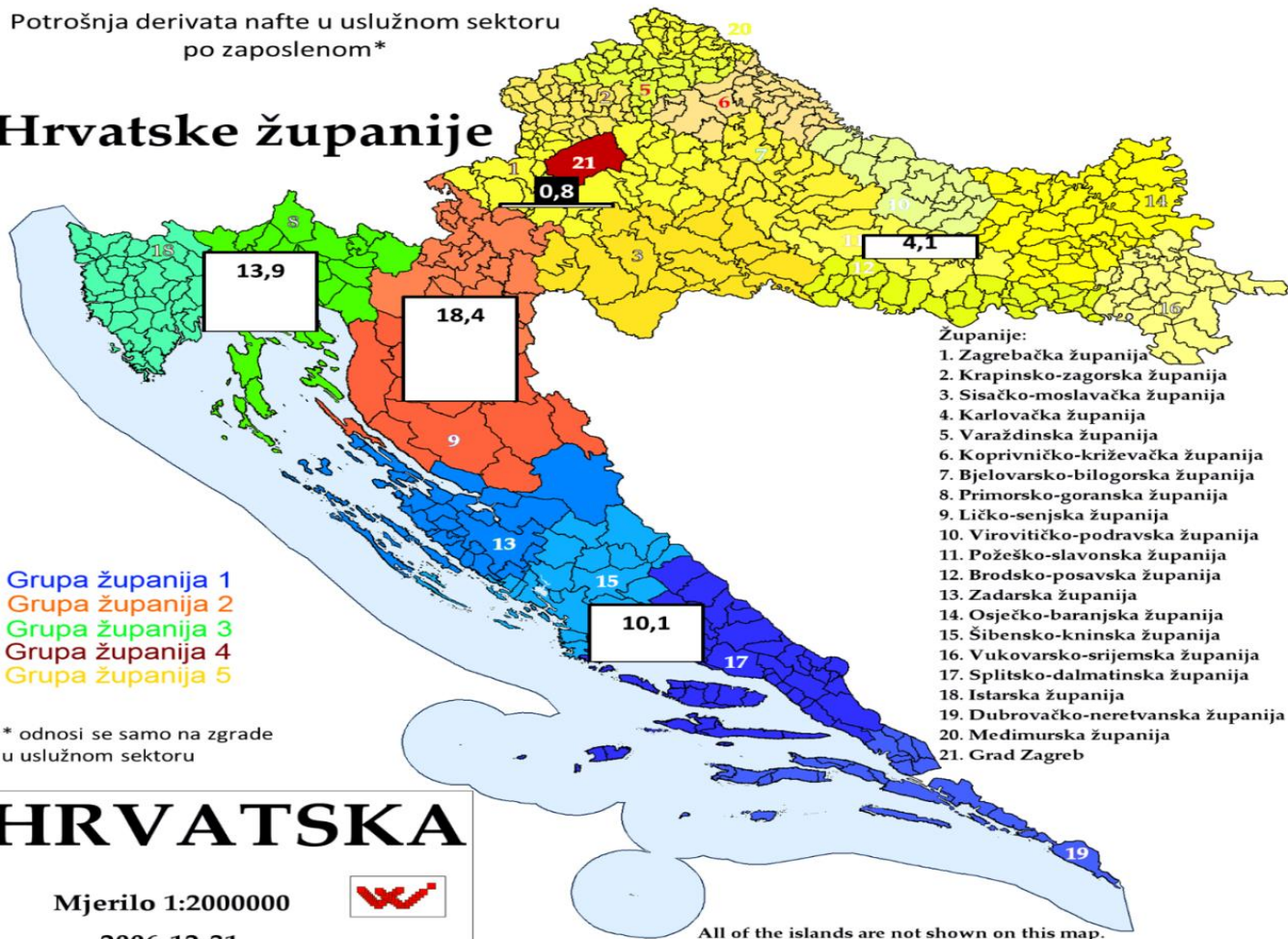
Energy consumption in office buildings, in TJ



Consumption of oil derivatives in the service sector per person employed

Potrošnja derivata nafte u uslužnom sektoru po zaposlenom*

Hrvatske županije



- Grupa županija 1
- Grupa županija 2
- Grupa županija 3
- Grupa županija 4
- Grupa županija 5

* odnosi se samo na zgrade u uslužnom sektoru

HRVATSKA

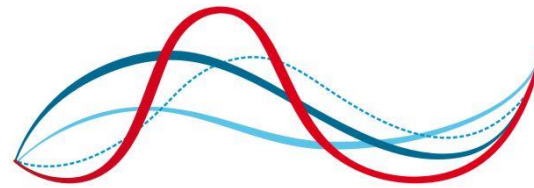
Mjerilo 1:2000000



2006-12-31

All of the islands are not shown on this map.
Use the legend for easy finding of a county.





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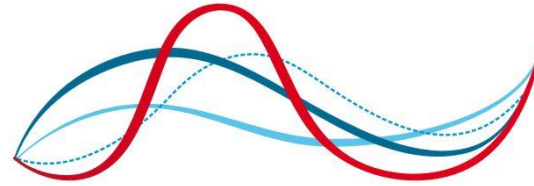
Renewables

Statistical surveys:

- Annual survey on the production of biogas and biomass and the production of electricity and heat from biogas and biomass (Erg-1OB)
- Annual survey on the production of pellets and briquettes from biomass, wood chips and charcoal (Erg-2OB)
- Annual survey on the biofuels production and market (Erg-3OB)

Administrative source

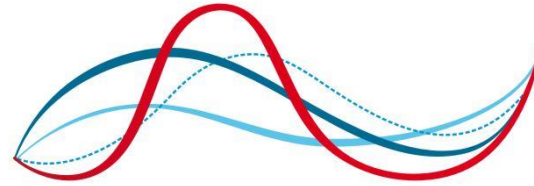
- Croatian energy market operator (HROTE)



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FUTURE PLANS

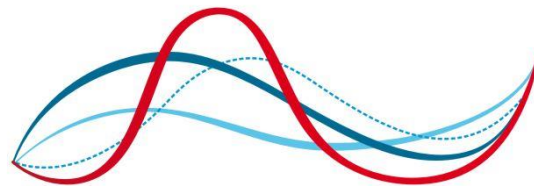
- Carrying out the Survey on final energy consumption in agriculture (foreseen within new IPA)
- Carrying out multiannual surveys on regular basis (at least each 5 years) for energy final consumption in household and by sectors: services, transport, agriculture
- More usage of administrative data e.g. HEP database on electricity production of public power plant



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CONCLUSION

- CBS producing and disseminating Energy statistics of good quality and according to all EU requirements
- Fruitful collaboration with EIHP is very important for compilation and quality of energy statistics in Croatia



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Thank you for your attention

