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# Veterinary practices, control, animal health and food security - the weak points and perspectives



YOUNG TRAIN SESSION

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# CONTENT

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- One health & Veterinary Public Health concept
- Vet perception of the future
- Croatian case
- Conclusion



# CAP

## STRESSED AS VERY IMPORTANT

- food security
  - animal welfare
  - environmental protection
  - ...
- 
- OUTBREAKS of zoonoses (bird influenza, west Nile, ...)
  - answer - concept of ONE HEALTH & VETERINARY PUBLIC HEALTH



# One world – One medicine – One health

- collaboration between:
  - physicians, osteopaths, veterinarians, dentists, nurses and other scientific-health and environmentally related disciplines
- fields:
  - education
  - communication
  - disease surveillance
  - ...



# VETERINARY PUBLIC HEALTH CONCEPT (Teramo, 1999)

- Core domains:
  - diagnosis, surveillance, epidemiology, control, prevention and elimination of zoonoses;
  - food protection;
  - management of health aspects of laboratory animal facilities and diagnostic laboratories;
  - biomedical research;
  - health education and extension;
  - production and control of biological products and medical devices.
- Other domains:
  - management of domestic and wild animal populations,
  - protection of drinking-water and the environment, and
  - management of public health emergencies

# VETERINARY PROFESSION

- regulated profession!
- but differently organized from country to country
- crisis in animal production = crisis in large animal vet sector
- growing sectors:
  - companion animals
  - food security






# VET PERCEPTION OF THE FUTURE

- EU project VET 2020
- 20 European countries, vet practitioners, vet employers, consumer organizations
  - increase in nr. of vets employed
  - growing fields: food quality & safety, public health, exotic animals, environmental protection, alternative medicine, animal welfare, pet/companion animal, epidemiology, organic farming, R&D

# According to your estimate, what will be the change in the number of employed veterinarians in 2020 in your country in the following fields?

## *Employers Survey - Question 2*

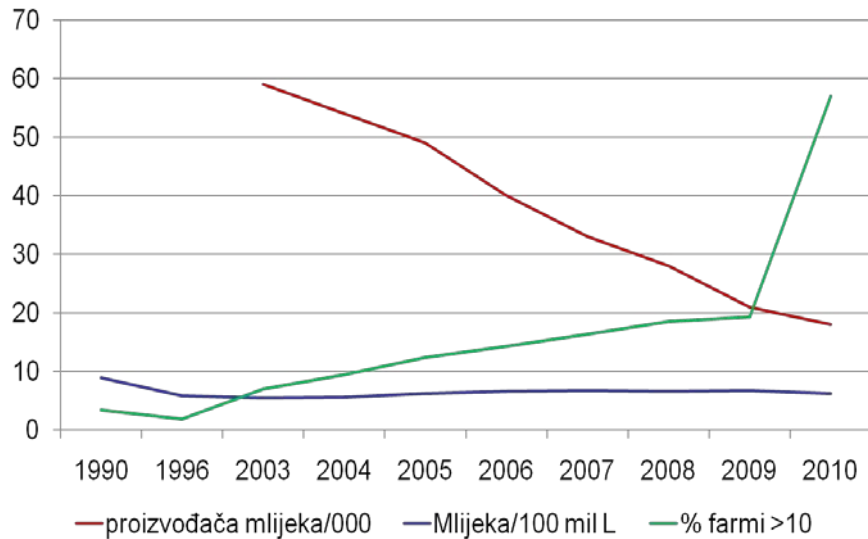
	EU Countries	Associated Countries	Total
	<p>Food quality and safety                      Pet/Companion Animals                      Alternative Medicine                      Environmental protection                      Public Health                      Animal Welfare                      Exotic Animals                      Organic Farming</p>	<p>Food quality and safety                      Environmental protection                      Animal Welfare                      Public Health                      Organic Farming                      Pet/Companion Animals                      Alternative Medicine                      Herd Health                      Epidemiology                      Research and development                      Exotic Animal                      Herd Health</p>	<p>Food quality and safety                      Environmental protection                      Pet/Companion Animals                      Public Health                      Animal Welfare                      Alternative Medicine                      Exotic Animals                      Organic Farming                      Epidemiology                      Herd Health</p>
	<p>Research &amp; Development                      Animal Breeding                      Sport Animal                      Experimentation on animal                      Aquaculture/Fish Farming</p>	<p>Acquaculture/Fish farming                      Experimentation on animals                      Animal Breeding                      Sport Animals                      Exotic Animals</p>	<p>Research and development                      Sport Animals                      Acquaculture/Fish farming                      Animal Breeding                      Experimentation on animals</p>
	<p>Herd Health</p>		

source: VET 2020

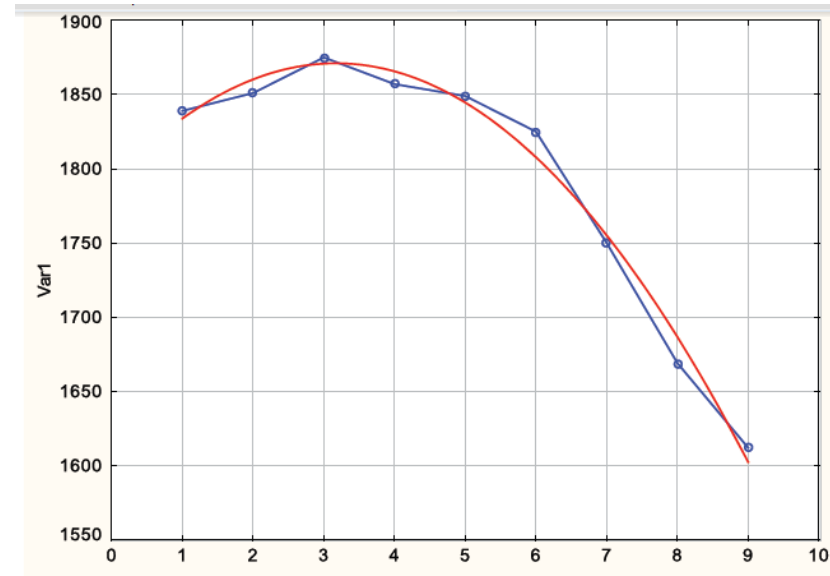


# CROATIAN CASE

- animal production crisis = vet sector crisis



nr. of milk producers —



Grafikon 1. Broj zaposlenih u veterinarskim organizacijama od 2003. do 2011. (Godina 2003=1)

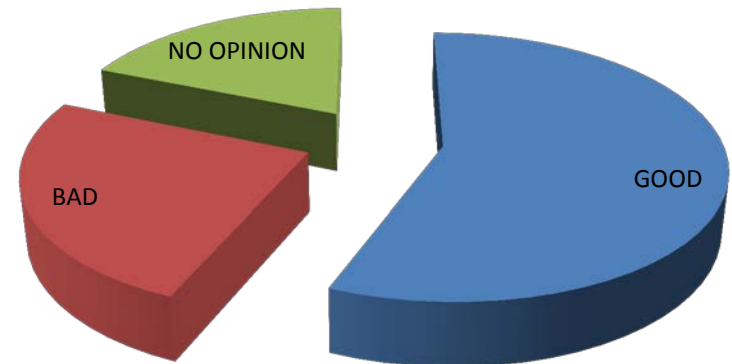
nr. of vets employed

# VETERINARY PROFESSION

- “from stable to table”
  - before: complete control of all points in vet’s hands
  - now: few professions in the chain
  - problem: no complete control
- education
  - more than 80% students want companion animal
  - more than 70% female students

# CROATIAN CASE (survey)

- growing vet fields:
  - food q&s, exotic animals, environment protection, public health, aquaculture, alternative medicine
- biggest problems:
  - administration, animal welfare
- prospects for vet's in EU



# VETERINARY PROFESSION - HR

- “from stable to table”
  - before: complete control of all critical points in vet’s hands
  - now: few professions in the chain in different points
  - problem: larger risk of no control
- education
  - more than 80% of students for companion animals
  - more than 70% female students (comp. animals)

# CONCLUSION

- regulated profession – in some countries more work to be done
- One health & Veterinary Public Health concept
- future - food quality & safety, companion animals - what about farm animals?
- where future lies?



# THANK'S

- to EAAP for YOUNG TRAIN EU project (2005-2008)
- everybody involved in the project
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- to Cattle commission for session