

Financial aspects of infectious animal disease control and eradication





Presentation overview



- § Basic information on administrative division & demographics
- § Structure of the Polish Veterinary Services
- § Animal production
- § Epidemiological situation and status
- § Legal basis for control and eradication of infectious disease control and financing thereof
- § Responsibility and cost sharing



Administrative division



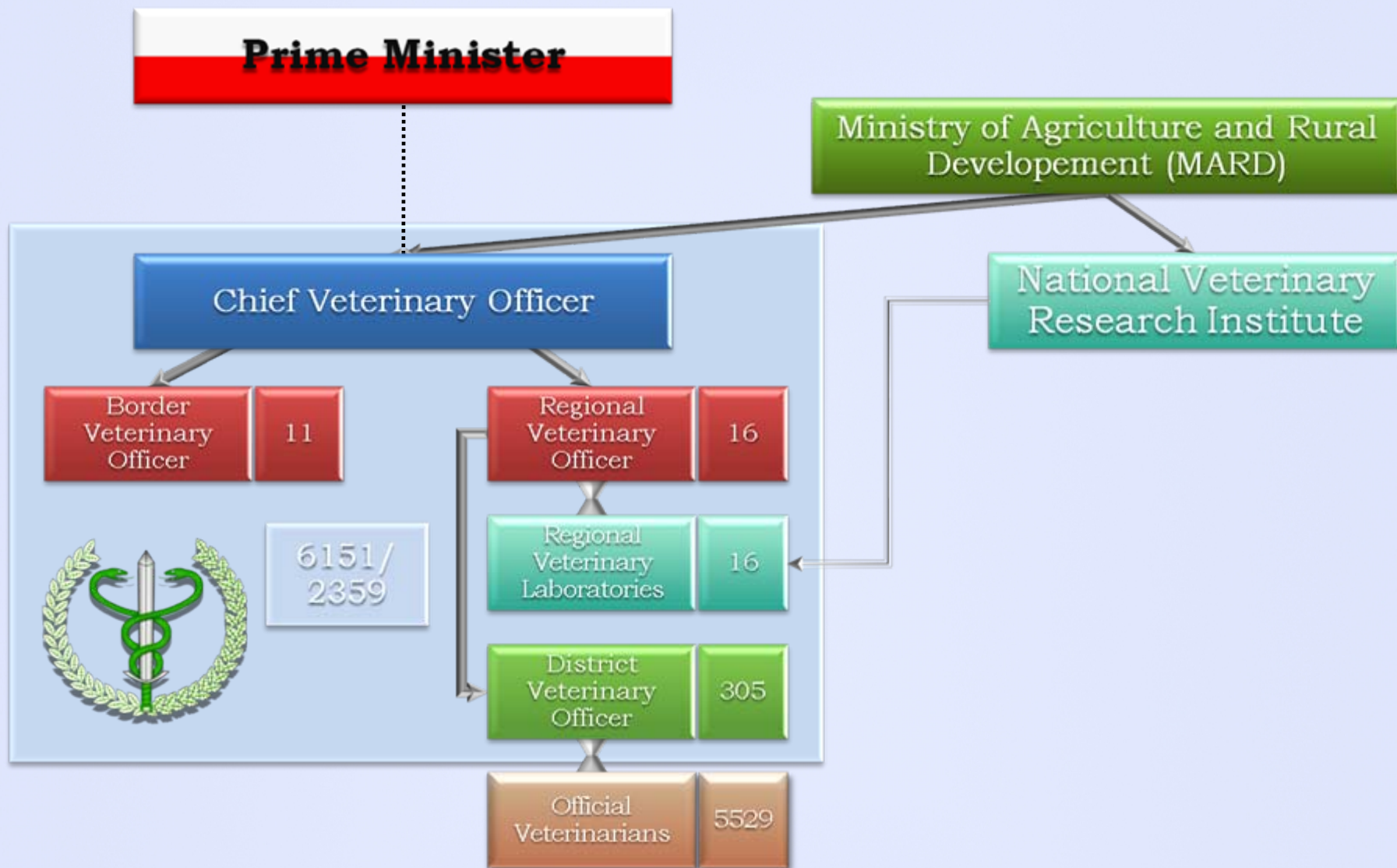
16 administrative regions/
16 Regional Veterinary
Officers (RVO)



379 administrative districts /
305 District Veterinary
Officers (DVO)



Veterinary Services Structure





Demographic data



(of 2009/2010)

Statistical data on demographics of Poland

(source: Central statistical Office)

Population	38 200 037
Rural population	14 935 654
Employed persons	13 769 000
Employed in agriculture	2 070 600 (15,04%)
Total area	312 679 m ²
Agricultural land area	189 807 m ² (60,70%)

Number of animals *



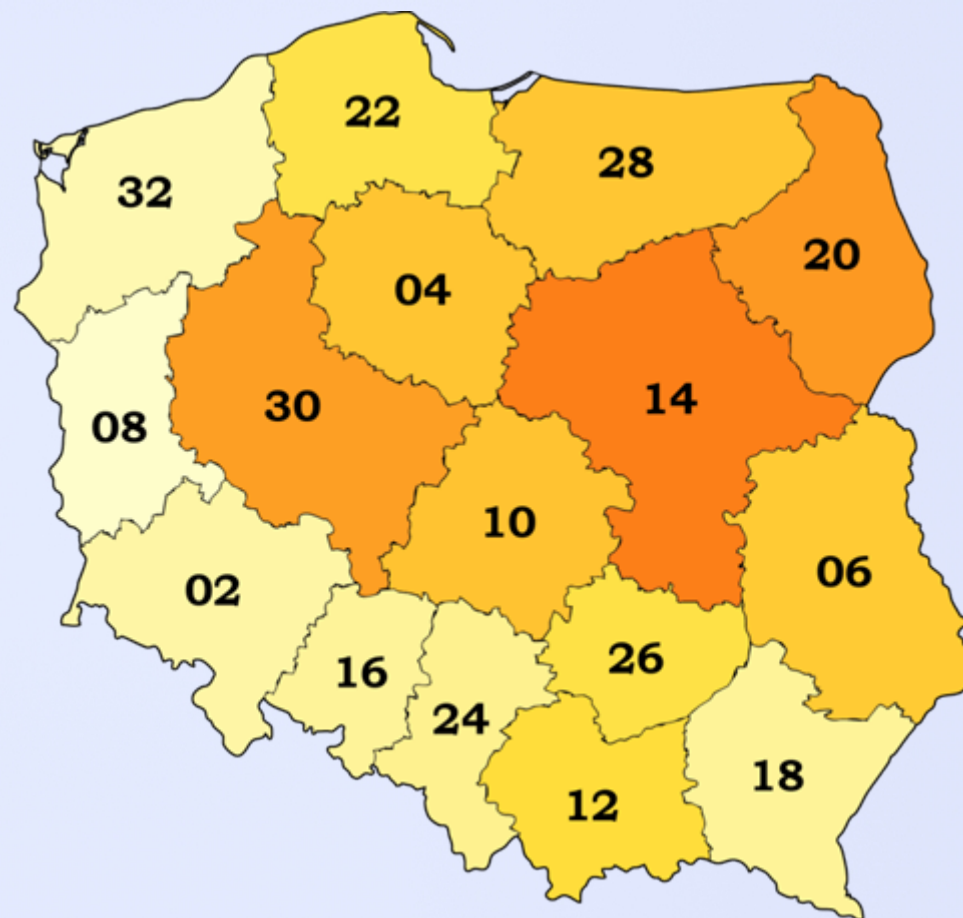
*source: Agency for Restructuring and Modernisation of Agriculture (ARMA); Central Statistical Office

Species	No of animals	No of herds/flocks
Cattle	6 067 488	643 741
Sheep	232 459	7 874
Goats	41 851	10 191
Poultry	344 790 810	7 004
Pigs	14 775 694	302 747

Number of animals I



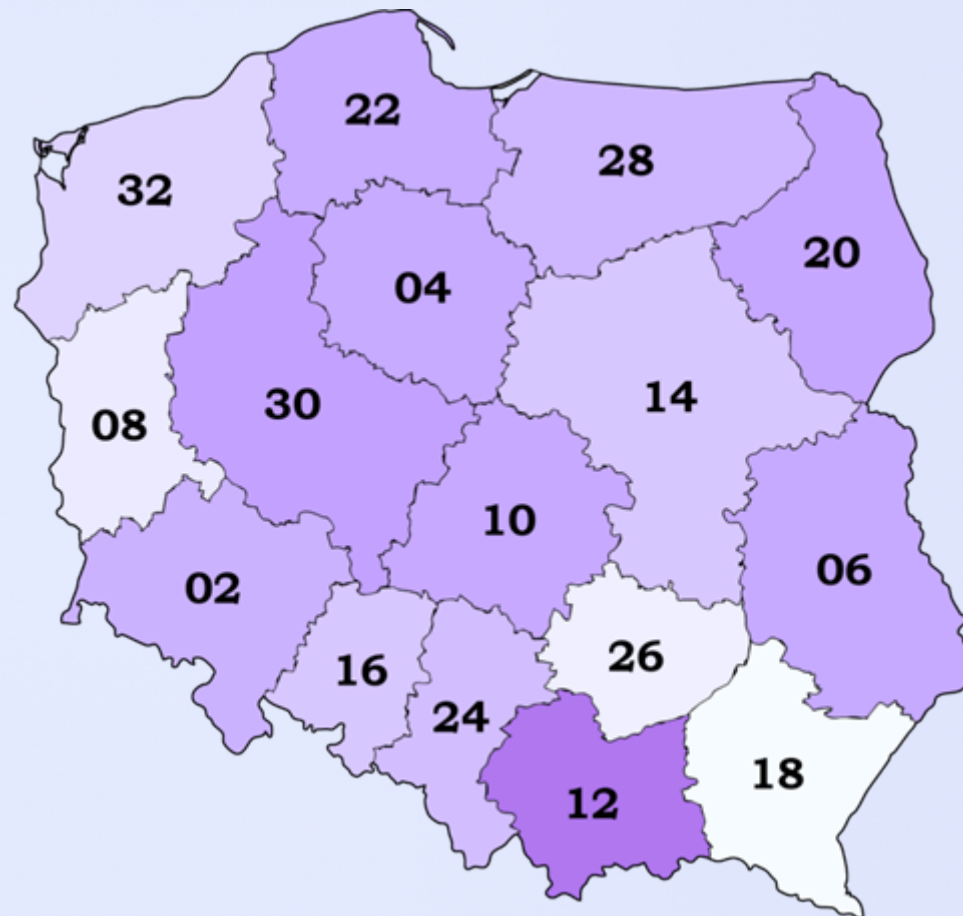
Cattle	
02	114 563
04	470 434
06	413 384
08	77 852
10	488 229
12	226 894
14	1 158 051
16	125 946
18	126 516
20	909 522
22	202 138
24	135 738
26	206 412
28	458 173
30	850 668
32	102 968
Total	6 067 488
Number of herds	643 741



Number of animals II



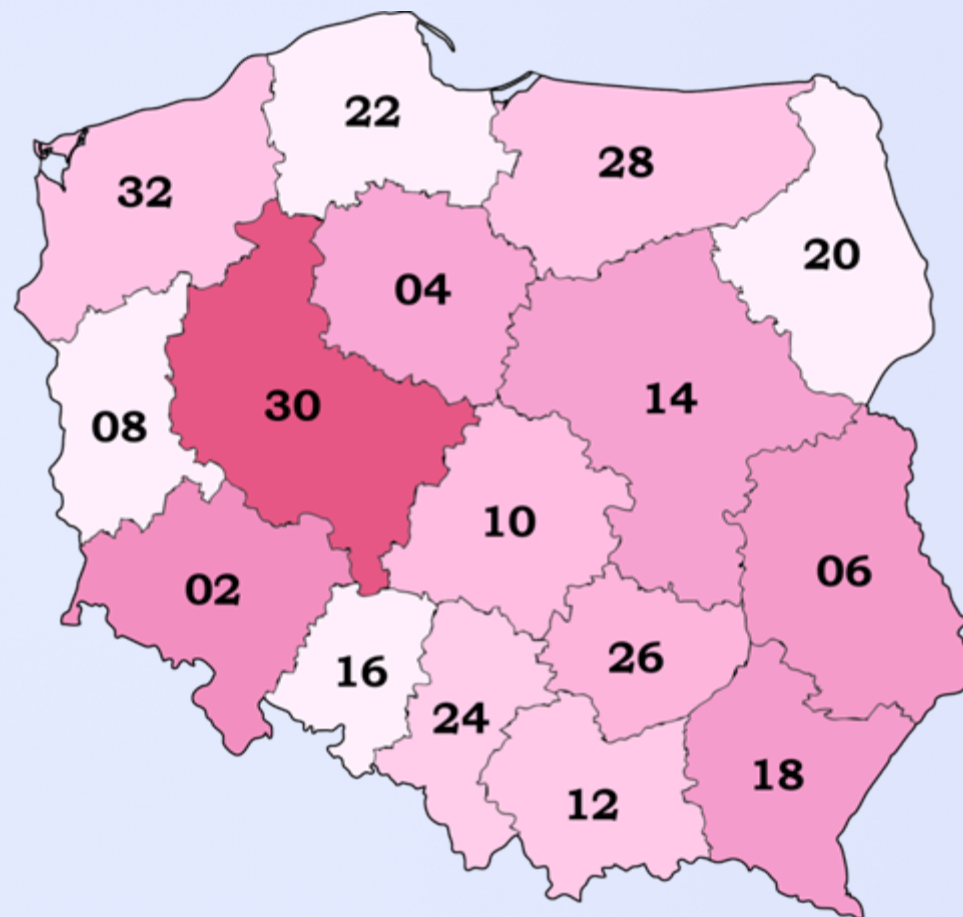
Sheep	
02	11 750
04	14 463
06	15 339
08	4 634
10	15 088
12	59 310
14	9 065
16	2 320
18	15 127
20	17 828
22	12 930
24	10 179
26	3 972
28	11 114
30	21 756
32	7 584
Total	232 459
Number of flocks	7 874



Number of animals III



Goats	
02	3 757
04	2 636
06	2 945
08	1 133
10	2 336
12	2 180
14	2 712
16	958
18	2 788
20	1 183
22	1 697
24	2 142
26	2 451
28	2 243
30	8 458
32	2 232
Total	41 851
Number of flocks	10 191

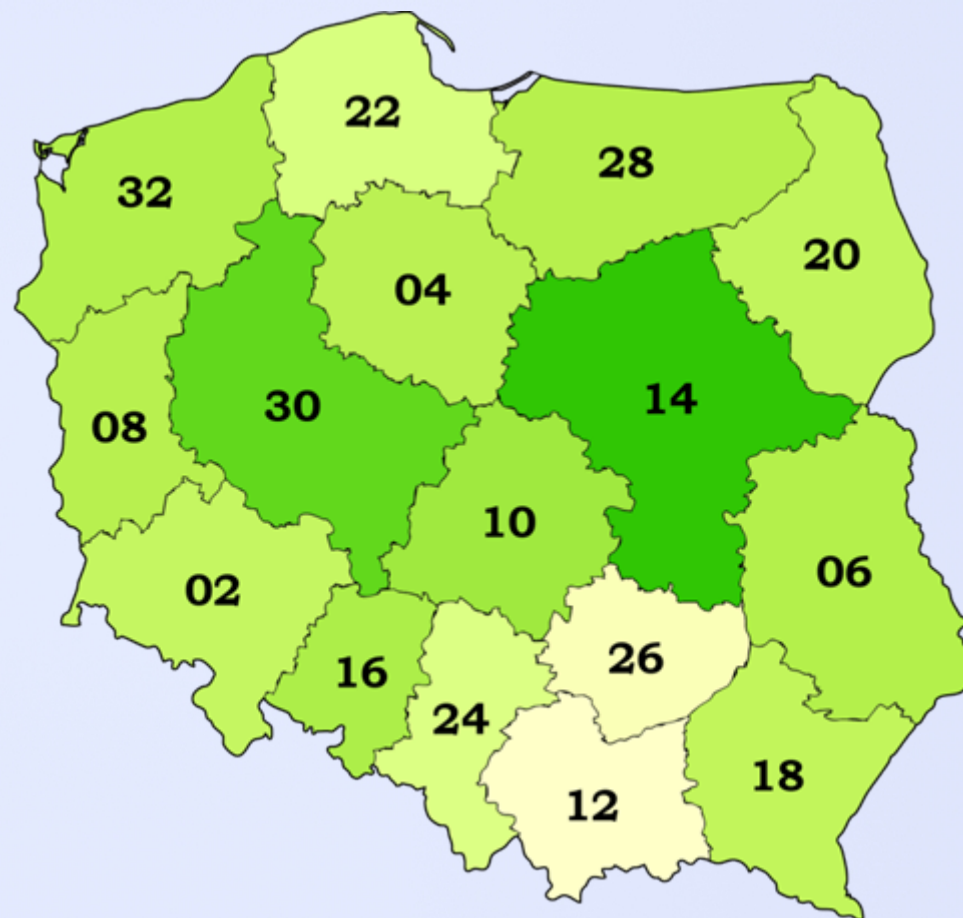




Number of animals IV



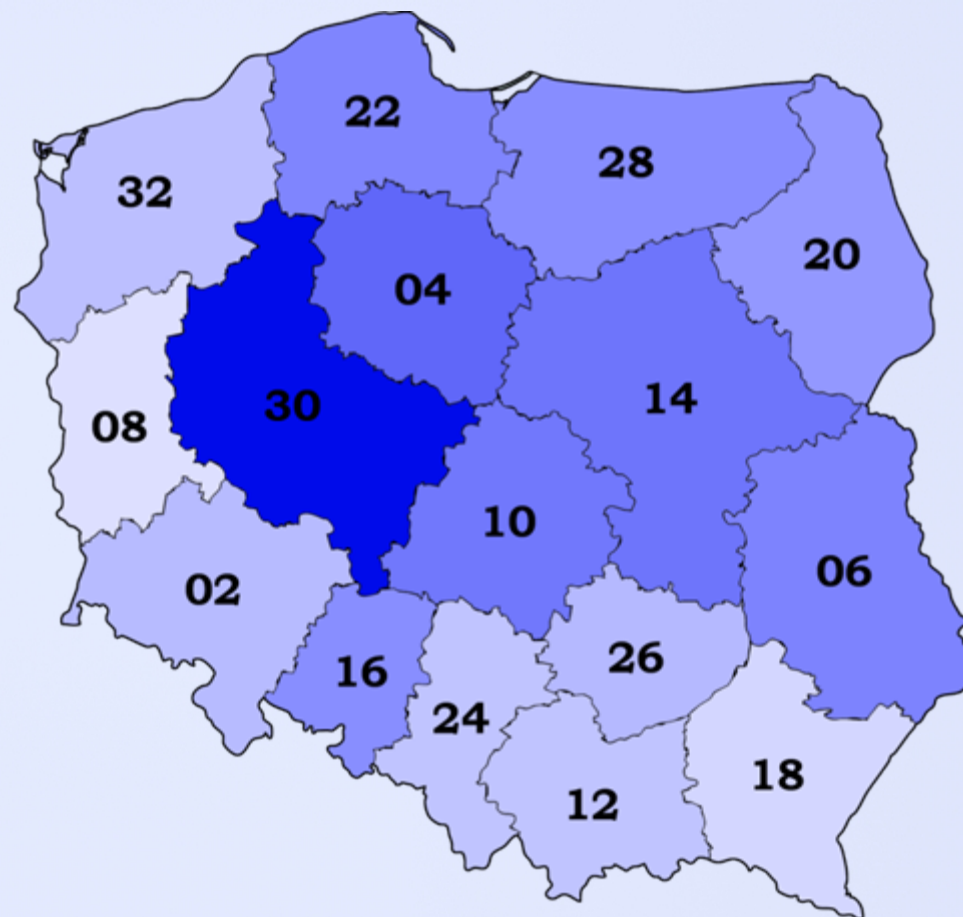
Poultry	
02	9 640 406
04	10 532 963
06	14 565 855
08	11 158 457
10	27 374 269
12	3 457 959
14	112 950 649
16	17 886 609
18	10 032 502
20	9 953 968
22	7 738 439
24	7 395 096
26	4 450 712
28	12 802 305
30	70 939 645
32	13 910 976
Total	344 790 810
Number of flocks	7 004



Number of animals V



Pigs	
02	371 538
04	1 779 671
06	966 869
08	166 751
10	1 284 922
12	321 683
14	1 377 906
16	663 221
18	220 025
20	564 387
22	913 669
24	323 008
26	383 513
28	673 592
30	4 418 079
32	346 860
Total	14 775 694
Number of herds	302 747





Number of animals VI



Pig production sector

Herd size	1-10	11-25	26-100	101-500	501-1000	1000+
Total No of herds	138 417	77 200	64 652	18 579	1 938	1 961
Total No of animals	656 530	1 287 774	3 121 599	3 686 636	1 337 369	9 130 903
% of herds	92,58%			7,42%		
% of animals	26,36%			73,64%		



Epidemiological status



Diseases that have never been reported

1. Vesicular stomatitis
2. Peste des petits ruminants
3. Lumpy skin disease
4. Rift valley fever
5. Bluetongue
6. African horse sickness
7. African swine fever
8. Epizootic haemorrhagic disease of deer



Epidemiological status



Last reported outbreak of a disease

1. Rinderpest	1921
2. Contagious bovine pleuropneumonia	1936
3. Sheep and goat pox	1950
4. Dourine	1951
5. Glanders	1957
6. Equine Infectious Anaemia	1960
7. Enterovirus encephalomyelitis	1967
8. Foot and mouth disease	1971
9. Swine Vesicular Disease	1972
10. Newcastle disease	1974
11. Classical swine fever	1994
12. Anthrax	2001
13. Highly pathogenic avian influenza in wild birds	2007
14. Highly pathogenic avian influenza in poultry	2007



Epidemiological status



Programmes for monitoring, control and eradication of certain animal diseases		Since	
€	BSE	2001*	
€	Rabies	2002**	
€	Avian influenza	2004	
€	<i>Salmonella</i> in	breeding hens	2007
		laying hens	2008
		broilers	2009
		breeding and fattening turkeys	2010
€	Bluetongue	2009	
€	Enzootic bovine leucosis	2005	
€	Aujeszky's disease	2008**	
€	<i>Bovine tuberculosis</i>	'70s-2009	
€	<i>Bovine brucellosis</i>	'70s-2007	

*regular monitoring ** whole country covered



Epidemiological status



Freedom from	Since
Enzootic bovine leucosis – 315 of 379 districts	ongoing since 2007
Brucellosis in sheep and goats (B. Melitensis)	2008
Bovine tuberculosis	2009
Bovine brucellosis	2009
Additional guarantees	Since
Aujeszky's disease	2010



Legal basis EU Law



- § Council Decision **2009/470/EC** of 25 May 2009 on expenditure in the veterinary field
- § Commission Regulation (EC) No **349/2005** of 28 February 2005 laying down rules on the Community financing of emergency measures and of the campaign to combat certain animal diseases under Council Decision 90/424/EEC
- § **Annual Commission Decisions** approving annual and multi-annual programmes and the financial contribution from the Union for the eradication, control and monitoring of certain animal diseases and zoonoses



Legal basis

National law



- § **Legislation setting up the Veterinary Services**
 - § **Veterinary Inspection Act**
- § **Legislation in the field of animal health protection**
 - § **Animal Health Protection and Infectious Animal Diseases Combating Act**
 - § **Regulations of the Minister of Agriculture and Rural Development (implementing)** – Provisions on specific rules of combating particular diseases
 - § **Regulations of the Council of Ministers** – Implementation of obligatory annual and multi-annual programmes for eradication, control and monitoring of certain diseases



Veterinary Services



- § **Veterinary Inspection Act** sets down the structure of the Polish veterinary services – the Veterinary Inspection – their tasks and rules of their implementation:
- § Eradication and control of infectious animal diseases (including zoonoses);
 - § Monitoring of zoonoses and zoonotic infectious agents, as well as their antimicrobial resistance;
 - § Examination and testing of slaughter animals and animal products;
 - § Veterinary border inspections;
 - § Veterinary inspections in trade and export of animals and products;
 - § Monitoring of health status of breeding animals, the health status of biological material and hatching eggs of poultry;
 - § Control over implementation of rules on animal identification, registration and movement



Animal health protection



- § The basic legislation in the field of animal health protection sets up:
 - § 2 categories of infectious animal diseases - combated by obligation and notifiable by obligation;
 - § The rules for control and eradication of infectious animal diseases in general, as well as specific rules for control and eradication of particular diseases;
 - § The obligations (connected with infectious animal diseases control, eradication and notification) of the Veterinary Inspection and the farmers;
 - § The rules of participation of the Veterinary Inspection and the farmers in financing of costs connected with infectious animal diseases control and eradication.



Programmes for eradication, control and monitoring of certain diseases



Regulations of the Council of Ministers on the implementation of annual and multi-annual programmes for eradication, control and monitoring of certain diseases

Pros	Cons
Directly applicable	Lengthy and burdensome procedures for creating, consulting and approving every draft regulation
Binding in its entirety	Once the regulation enters into force, the procedures for possible amendments become less flexible, e.g. in case of the necessity of updating the data on No of herds and animals, which have been gathered months in advance, and therefore may not be accurate once the programme enters into force
Easy to execute	



Responsibility and cost sharing



- § The Veterinary Inspection is the Polish competent authority for infectious animal diseases control and eradication;



- § The Veterinary Inspection executes the provisions of the legislation setting up the rules for infectious animal diseases control and eradication (programmes, monitoring, outbreaks)
- § The animal owners/farmers are obliged to:
 - § Immediately notify to the VI any suspicion of an infectious animal disease;
 - § Take proper (defined in the legislation) actions in case of a suspicion of an infectious animal disease in the farm;
 - § Comply with the orders and prohibitions issued by the VI authorities;
 - § Apply the rules that are set up in the legislation in the field of infectious animal diseases control and eradication; animal identification and registration; trade etc.



Responsibility and cost sharing



- § In general – costs connected with disease eradication (only in case of diseases combated by obligation) process are borne by the State budget:
 - § **Actions taken by the VI authorities;**
 - § Compensation (on the basis of an estimated market value) of the **direct costs** incurred by the farmer – killed animals, as well as destroyed products of animal origin, equipment, hatching eggs and feed;
 - § Costs connected with cleaning, disinfection and rendering.
- § **Indirect costs** incurred by the farmer are not compensated by the State budget.



Responsibility and cost sharing



- § The programmes for control and eradication of certain diseases set up specific, additional – in comparison to the basic legislation - rules on control and eradication of a particular disease, as well as the catalogue of costs borne by the farmer and the rules for obtaining possible compensation:
- § In case of certain programmes for control and eradication, some costs may be borne by the farmer;
 - § (*Salmonella*) – owner checks, vaccination, cleaning and disinfection, costs of actions taken by the farmer in order to improve the zoosanitary conditions in the farm;
 - § (*Aujeszky's disease*) – fees for issuing of health certificates (movement control), individual marking of the animals.



Responsibility and cost sharing



Financial aspects



Operating costs connected with outbreaks of Avian Influenza in 2007 – 9 cases

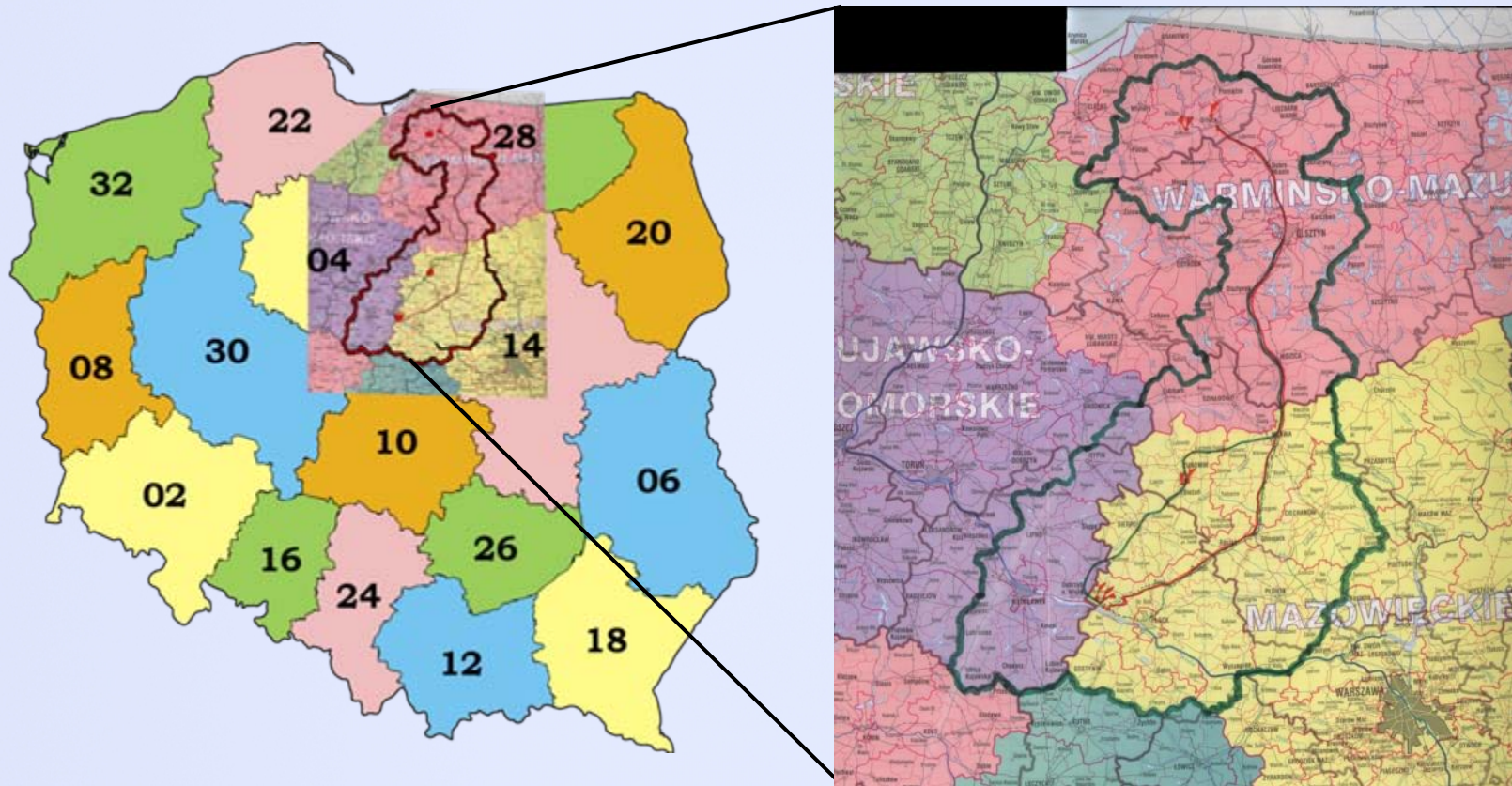
Type of action	Amount <small>*in 2007 1 EUR = 3,7829 PLN</small>
Killing of animals	1 181 786,50 PLN
Transport (carcasses, eggs)	39 597,79 PLN
Destruction (carcasses, eggs)	1 481 450,90 PLN
Destruction of feedingstuffs	267 420,92 PLN
Destruction of equipment	1 120 PLN
Cleaning	1 651 182,40 PLN
Disinfecting	119 863,31 PLN
Total:	1 253 647,123 EUR (4 742 421,70 PLN)



Responsibility and cost sharing



Financial aspects

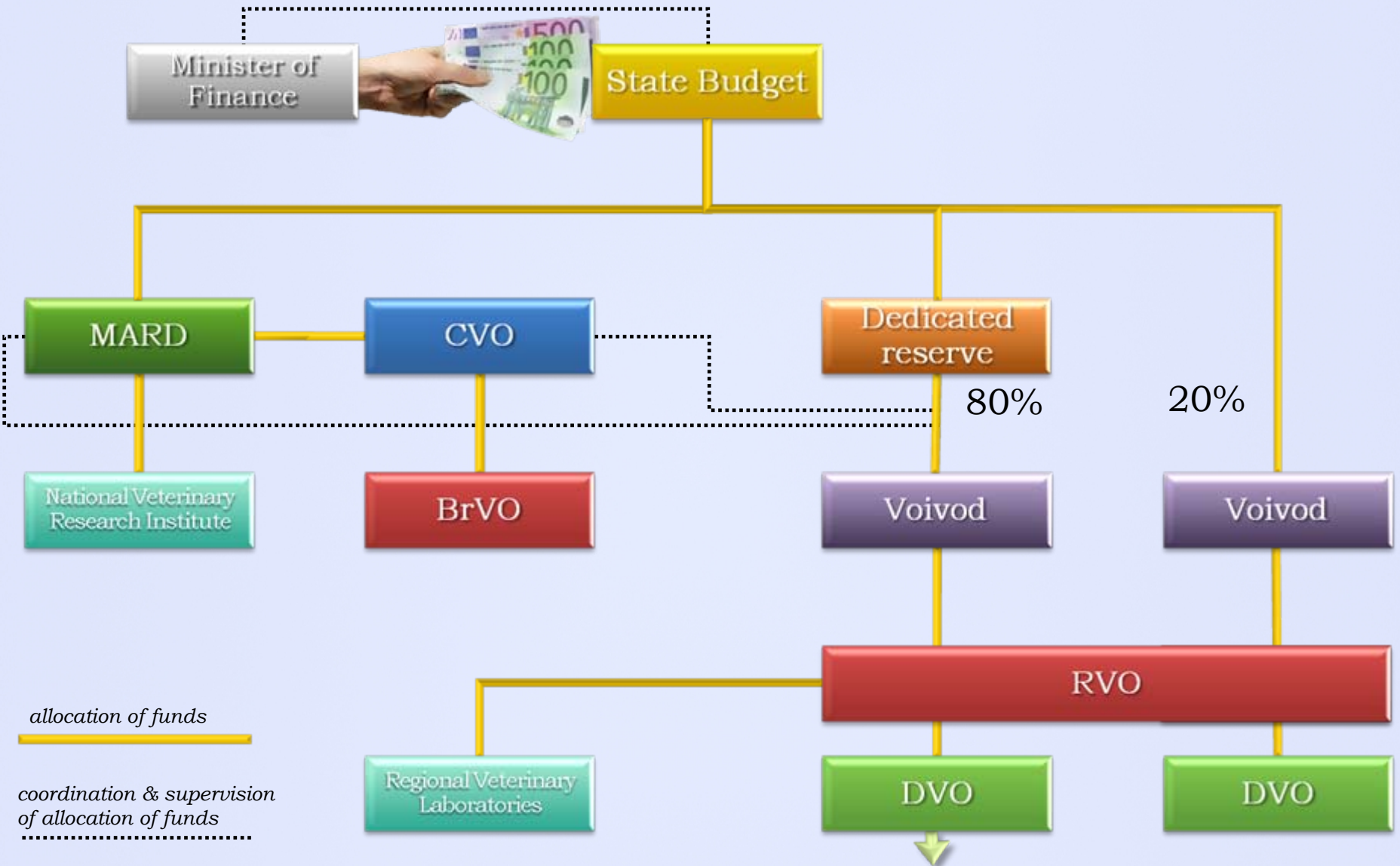


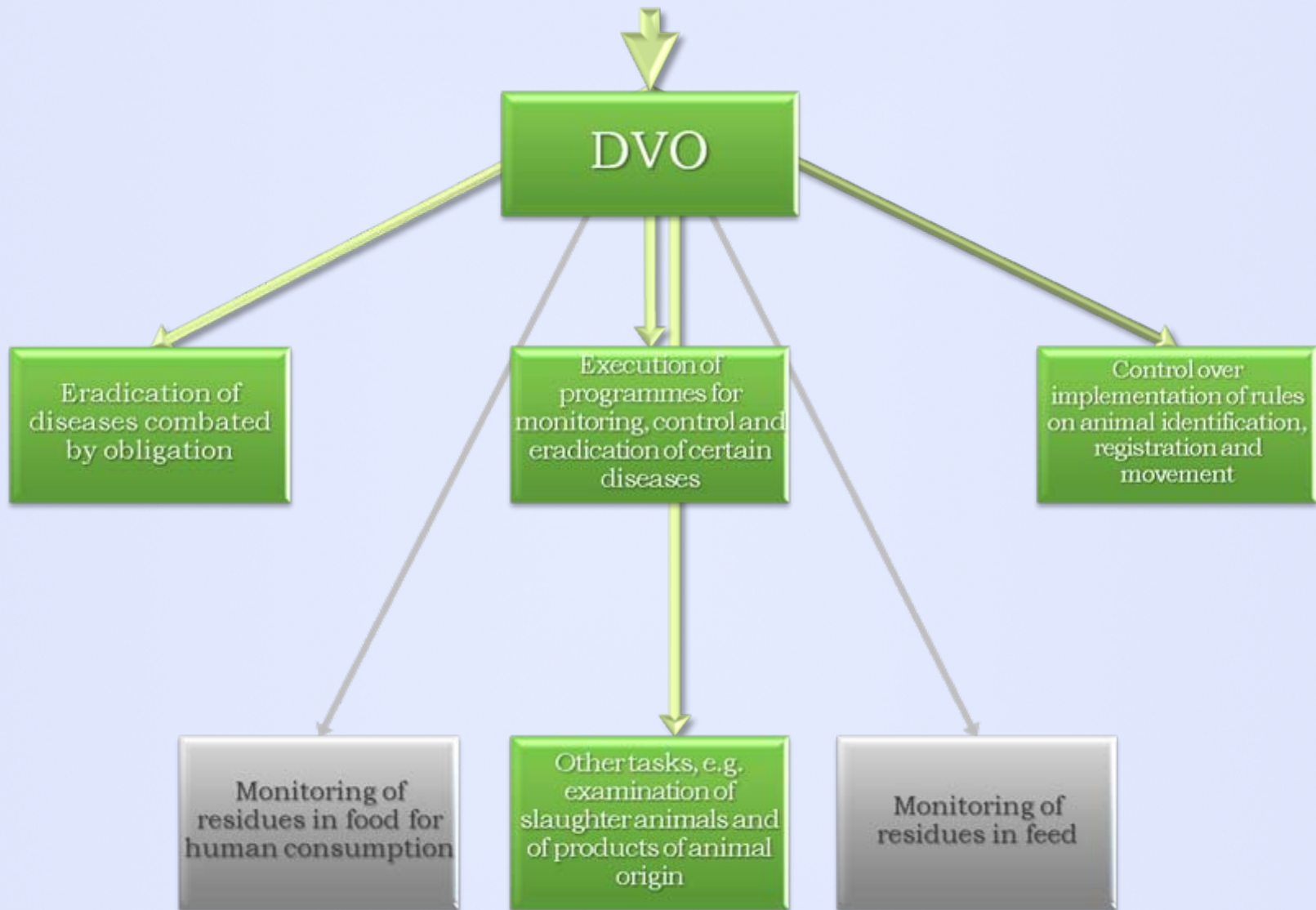


Responsibility and cost sharing



- § In the present moment the Polish farmers do not participate in the financing of infectious animal diseases control and eradication;
- § Due to the specific characteristics of the Polish agriculture, obligatory implementation (in the nearest future) of the Cost and Responsibility Sharing Schemes harmonized on the UE level does not seem feasible;
- § Economical differences between the EU Member States, as well as the differences in the animal rearing and breeding systems need to be taken into account;
- § It needs to be noted that in the present moment certain Member States have systems of participation of farmers in sharing of the costs borne in connection with control and eradication of animal diseases;
- § Taking into account the above mentioned issues, the preferred option would be to establish the possibility for individual Member States to introduce harmonized CRSS while allowing other MS to maintain the current rules.





Thank you for your attention

