

LABIS – Laboratory information system

The LABIS information system is a superstructure of NEIS (National Epizootologic Information System), which establishes an information channel for the flow of the information from the laboratory analyses to the end users, veterinary office and veterinary inspectors.

LABIS is used in the process of laboratory analyses of samples brought in the laboratories for:

- Regular annual analyses
- Analysis of appeared focus of infection
- Identification of causes of certain clinical disease
- Extermination of diseased animals
- Different researches

The LABIS registers all transfers of samples for different laboratory analysis and all used methods and diseases of the analysed samples.

The LABIS enables:

- Using standard protocols for collecting and sending the samples for laboratory analyses
- Defining standard data for description of samples for laboratory analysis.
- Simple registration and operation with all results from laboratory analysis of samples.
- Exchange of needed information between laboratories, department for animals health protection and veterinary inspectors.

Besides this, the system also enables:

- Full automation of the process of making invoices for services of laboratory analysis. This enables getting complete financial statement in the laboratories at any time;
- Estimation of time needed for laboratory analysis for each sample, from the moment of reception to the moment of delivering the final results from the analysis.

SW developing platform

- Borland DELPHI
- Fast Report
- MS – Windows 2000 Server / Windows 2000 Pro.
- MS – SQL Server

End users

- Department for animals health care, Ministry of agriculture, forestry and water resource management of the R. of Macedonia.

- Veterinary Institute Skopje
- Local veterinary laboratories through R. of Macedonia
- 16 veterinary stations through R. of Macedonia