

NEIS – National Epizootiological Information System of R. of Macedonia

This Project accomplishes a complete Database Management System, which consists of 4 components:

- Component to handle all data related to Disease outbreaks
- Component to handle all data related to targets and activities covered by the Annual Decree
- Component to handle all data related to Enzootic disease occurrence
- Component to handle all data related to the proposed Serum Bank

The ***Disease Outbreak Data Management System*** manages all data related to disease outbreaks - occurrences of serious diseases that require immediate detection, investigation, reporting and control.

The ***Statutory Test, Vaccination and Treatment Data Management System*** manages all data related to the requirements of the Annual Decree and the related monthly activities reported by each Municipal Inspectorate. These DBMS reports cumulate activities of each Municipal office at the end of each month, compare these against any quantitative target (percentage achievement) and give the proportion of positive reactors amongst the animals tested.

The ***Enzootic Disease Database*** manages all enzootic disease data that includes four basic processes: Preparation and updating of a list of enzootic diseases by the Epidemiological Unit (EU), Entry of monthly enzootic disease occurrence data at the Municipal offices and electronic transmission of these reported to the EU, Generation of monthly and annual summary reports of enzootic disease occurrence, Inclusion of selected enzootic disease data in the OIE reports

The ***Serum Bank Database Management System*** is essential for cataloguing the contents of a serum bank and enabling the maximum use to be made of the facility.

Also, a network is established that enables the electronic transmission of data, reports, documents etc. between the Epidemiology Unit, the Veterinary Institute and 16 Municipal Veterinary Offices.

SW developing platform

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

End users

- Central location in Epidemiology Unit Headquarters in Skopje, the Veterinary Institute

- 16 Municipal Veterinary Offices in R. of Macedonia