

EMPRES Global Animal Disease Information System (EMPRES-i) is a web-based application that has been designed to support veterinary services and organizations by facilitating the collation, analysis of and access to animal disease information. Timely and reliable disease information enhances early warning and response to transboundary animal diseases (TADs), including emergent zoonoses, and supports their control and eradication.

EMPRES-i aims to clarify disease events worldwide which we receive from different sources: country or regional project reports, field mission reports, partner Non-Governmental Organizations (NGOs), cooperating institutions, government Ministries of Agriculture and Health, FAO in-country representations or other United Nations parties, public domains, the media and web-based health surveillance systems. For verification purposes, EMPRES uses not just official, but also unofficial sources of information (such as in-country assistance projects and personal contacts with NGOs and other institutions). This wide breadth of information gathering provides a constant high level of awareness of the presence and emergence of TADs and zoonoses globally. This information is used to generate and disseminate early warning messages and is also fed into the EMPRES-i database and presented, when confirmed or denied, in a structured and digested format to the public.

EMPRES-i provides updated information on global animal disease distribution and current threats at the national, regional and global level for priority animal diseases. It also provides access to publications, manuals and other resources, such as contact details of chief veterinary officers (CVOs) and FAO/OIE (World Organisation for Animal Health) reference laboratories.

The EMPRES-i platform is an EMPRES initiative, conceived in response to the growing demand from users for global animal health information systems, using a system approach to disease information gathering and sharing. Depending on the user's assigned privileges, different access levels, in terms of the confidentiality and details of the accessed information, are provided. The system is under continuous development and new features may be added in the future like the Epidemiological Surveillance and Genetic Modules. At present, public users can access the following features:

- **DISEASE EVENT DATABASE:** Under the "Disease Event" tab, EMPRES-i enables users to easily access and retrieve information on wild or domestic animal disease outbreaks/cases throughout the world according to criteria defined by the user (disease, date, species, location, etc). The data retrieved can be exported into PDF, CSV or Excel formats and may be used for further analysis.
- **ADVANCED SEARCH/MAPPING/GRAPHING TOOLS:** EMPRES-i enables users to select outbreaks/cases from the database and represent them graphically as charts (by time or by location) or on a map that can be tailored by adding optional layers, such as livestock population, biophysical layers, socioeconomics, animal health, trade, etc. These layers are created and maintained by the [Global Livestock Production and Health Atlas \(GLiPHA\)](#), which is FAO's user-friendly, highly interactive electronic atlas using the [Key Indicator Data System \(KIDS\)](#). Maps, graphs and data can be exported into different formats.
- **MY EMPRES-I:** The 'My EMPRES-i' section enables users to log in and access a personalized page. A setting button permits setting up personal data, displaying disease events of interest (disease filter, period filter and geographical preferences) and selecting from the Directory (region, country) or Laboratory (region, country) sections.
- **LIBRARY:** FAO technical material such as books, bulletins, reports, newsletters, manuals, guidelines, etc can be searched in the Library section according to different criteria. Users may search information related to the current situation, epidemiology, diagnosis and control of TADs by a number of criteria (document type, topic, language, date or free text).
- **DIRECTORY:** The Directory section provides contact information of Chief Veterinary Officers (CVOs) in each FAO member country. EMPRES-i users may search for CVO details using different criteria (location, disease, category or free text).
- **LABORATORY:** The laboratory section provides contact information of FAO/OIE reference laboratories and Regional laboratory networks. EMPRES-i users may search of the information using different criteria (location, disease, laboratory name and free text).

DISCLAIMER

FAO compiles information from numerous sources (FAO representatives or country missions, FAO reports, OIE, official government sources, European Commission, FAO reference centres, laboratories and FAO collaborators) and produces these composite maps in a representative effort to provide full and accurate information. The designations employed and the presentation of material in the maps do not imply the expression of any opinion whatsoever on the part of FAO concerning the legal or constitutional status of any country, territory or sea area, or concerning the delimitation of frontiers. If you have any questions or suggestions on how to improve the EMPRES-i platform and the information provided or would like to share information with us please send your message to empres-i@fao.org