



“Strengthening avian influenza epidemiology, biosecurity and coordination”

Project code: OSRO/EGY/101/USA

Donor: United States of America

Contribution: USD 3 577 838

Implementation: 08/02/12 – 07/02/15

Target areas: Assuit, Aswan, Beheira, Beni-Suef, Dakahlia, Damietta, Dumyat, Fayoum, Gharbia, Giza, Ismailia, Kafr el-Sheikh, Menofia, Minya, Port Said, Qalyubia, Qena, Red Sea, Sharkia, Sohag, Suez and Wadi al-Jadid



Contact

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- Objective:** To reduce the risk of H5N1 highly pathogenic avian influenza (HPAI) transmission in poultry in Egypt and safeguard human health.
- Key partners:** The General Organization for Veterinary Services (GOVS).
- Beneficiaries reached:** The Ministry of Agriculture and Land Reclamation, GOVS, national veterinary and veterinary public health services, and poultry owners, producers and traders in the targeted areas.
- Activities implemented:**
- Procured and delivered: (i) expendable and non-expendable equipment to the National Laboratory for Veterinary Quality Control on Poultry Production (NLQP), the Central Laboratory for Evaluation of Veterinary Biologics (CLEVB) and GOVS; (ii) two animal isolators to NLQP; and (iii) 18 animal isolators and two polymerase chain reaction (PCR) machines, laboratory reagents and consumables to CLEVB.
 - Procured and distributed to GOVS: (i) 11 000 boxes of disposable shoe covers, virus transport media (phosphate buffer saline); (ii) 270 gallons of detergent and 1 tonne of disinfectants; and (iii) information technology materials.
 - Purchased and delivered laboratory reagents and consumables to NLQP for real-time (RT) (RT-PCR), isolation, serology and gene sequencing.
 - Provided training to 2 855 veterinarians and 50 poultry farm owners and producers.
- Results:**
- Strengthened national HPAI surveillance and laboratory diagnostic capacity.
 - Trained targeted communities on avian influenza epidemiology, biosecurity and coordination.
 - Enabled 934 veterinarians on epidemiology surveillance to conduct outbreak investigation and data analysis.
 - Strengthened capacity in epidemiological data management and analysis of 52 veterinarians from GOVS, NLQP, CLEVB and the Veterinary Serum and Vaccine Research Institute.
 - Enhanced the performance of 459 community-based animal health outreach practitioners.
 - Improved 376 veterinary epidemiologists’ application of the TAD*info* database.
 - Trained 50 poultry farm owners and producers and 236 veterinarians on biosecurity practices.
 - Trained 798 rapid field response team members on disease outbreak management and rapid response activities.