The Avian Influenza Situation in China

Information received by the OIE on 4 February from Dr. Shen Zhenzhao, Ministry of Agriculture, P.R.China.

1. Guangxi Autonomous Region

On January 27, the National Bird Flu Reference Laboratory confirmed that the poultry death at Long’an County, Guangxi Autonomous Region, was caused by the subtype of H5N1, the highly pathogenic avian influenza (HPAI) virus.

On January 23, poultry death cases occurred in a duck farm in the town of Dingdang, Long’an County, Guangxi Autonomous Region. The local veterinary agencies made the initial diagnosis and suspected that the birds were died of highly pathogenic avian influenza (HPAI). The local government submitted the specimen immediately to the National AI Reference Lab for pathogen isolation and confirmation in accordance with the relevant regulations. In parallel, the affected area was sealed off according to the Law on Animal Epidemic Prevention. 14,000 poultry were destroyed within 3 kilometers radius zone and those within 5-kilometer radius zone were vaccinated on compulsory basis.

2. Hubei Province

a. On January 26, Hubei Province reported poultry death in a chicken farm in Wuxue City. On January 29, the National AI Laboratory confirmed that the chicken there had died of the subtype H5N1, the highly pathogenic avian influenza (HPAI) virus. After the local veterinary agencies diagnosed it as suspected highly pathogenic avian influenza (HPAI), the local government sent the specimen to the National AI Reference Lab for pathogen isolation and confirmation at once in light of relevant regulations, and sealed off the affected area, culled all poultry within 3 kilometers and vaccinated the poultry within 5 kilometers on compulsory basis according to Law on Animal Epidemic Prevention.

b. On January 31, Hubei Province reported poultry death in a chicken farm at Guaqi Village, Putuan Township, Ezhou City. Among a population of 600, 200 chickens were infected and died. The affected area was closed accordingly, and the remaining 400 chickens were culled. The local government sent the specimen to the National AI Reference Lab for pathogen isolation. Culled all poultry within 3 kilometers and vaccinated the poultry within 5 kilometers on compulsory basis according to Law on Animal Epidemic Prevention.

c. On February 1, Hubei Province reported poultry death in Wujia Township, Wujiaagang District, Yichang City. Among a population of 7078, 4628 chickens were infected and died and 75 out of 4925 ducks were infected and died. The
affected area was closed accordingly, and the remaining 2450 chickens and 4850 ducks were culled. They were disposed in a bio-safety way and the affected area thoroughly disinfected. On January 31, the sample was sent to the National AI Reference Lab. The culling operation is continuing for the 12,013 poultry within 3 kilometers.

d. On February 3, Hubei Province reported poultry death in a chicken farm in Oumiao Town, Xiangcheng Distric, Xiangfan City. Among a population of 4200, 2000 ducks were infected, 22 ducks died. The affected area was closed accordingly, and the remaining 4178 ducks were culled. Culled all 118597 poultry within 3 kilometers and vaccinated the poultry within 5 kilometers on compulsory basis.

3. Hunan

a. On January 26, Hunan Province reported poultry death at a duck farm in Wugang City, Hunan Province. After local veterinary agency diagnosed it as suspected highly pathogenic avian influenza (HPAI), the local government sent the specimen to National AI Reference Lab for pathogen isolation and identification at once according to relevant regulation, and sealed off the affected area, culled all poultry within 3 kilometers around the affected farm and vaccinated on compulsory basis all poultry within 5 kilometers according to Law on Animal Epidemic Prevention. On January 29, the National AI Reference Lab confirmed the Hunan Wugang poultry case as H5N1-caused HPAI.

b. On February 3, Hunan Province reported poultry death in a chicken farm at Wjiang Village, Wengjia Town, Pingjiang County, Yueyang City. Among a population of 2400, 2400 chickens were infected and 2380 chickens died. The affected area was closed accordingly, and the remaining 20 chickens were culled. Culled all poultry within 3 kilometers and vaccinated the poultry within 5 kilometers on compulsory basis according to Law on Animal Epidemic Prevention.

4. Anhui

a. On January 30, the veterinary department of Anhui Province reported epidemic outbreak at Liaolin Village, Yangtan Township, Guangde County, Xuancheng City and 3700 chickens were infected. On January 26, disease broke out on a chick farm in Xiangshan Town, Yushan District of Ma’anshan City and all the infected 21900 chickens died. Now all the poultry within 3 kilometers around the infected farm are being culled.

b. On January 30, Anhui Province reported poultry death in a chicken farm in Xiangshan Town, Yushan District, Maanshan City. Among a population of 21900 chickens were infected and died. The affected area was closed accordingly. Culled all poultry within 3 kilometers and vaccinated the poultry within 5 kilometers on compulsory basis according to Law on Animal Epidemic Prevention.

c. On February 3, Anhui Province reported poultry death in a poultry farm at Weizhuan Village, Yingxi District, Fuyang City. Among a population of 229 chickens, 110 ducks, 44 doves, 11 chickens were infected and died. The affected area was closed accordingly, and the remaining poultry were culled. Culled all
poultry within 3 kilometers and vaccinated the poultry within 5 kilometers on compulsory basis.

d. On February 3, Anhui Province reported poultry death in a chicken farm at Wangnanhu Village, Guji Town, Jieshou City. Among a population of 2700, 2700 chickens were infected and died. The affected area was closed accordingly, and the remaining 400 chickens were culled. The local government sent the specimen to the National AI Reference Lab for pathogen isolation. Culled all poultry within 3 kilometers and vaccinated the poultry within 5 kilometers on compulsory basis.

5. Guangdong
a. On January 30, Guangdong Province reported poultry death in a duck farm at Bi Village, Quxi Town, Jiedong County, Jieyang City. Among a population of 3750, 2500 chickens were infected and 1300 ducks died. The affected area was closed accordingly. Culled all 90670 poultry within 3 kilometers and vaccinated the poultry within 5 kilometers on compulsory basis.

b. On January 31, Guangdong Province reported poultry death in a goose farm at Shuimei Village, Guxiang Town, Chaoan County. All 147 gooses were infected and 80 gooses died. On February 3, the National Bird Flu Reference Laboratory confirmed that the poultry death at Chaoan County, Guangdong Province, was caused by the subtype of H5N1, the highly pathogenic avian influenza (HPAI) virus. The affected area was closed accordingly. Culled all 5115 poultry within 3 kilometers and vaccinated the poultry within 5 kilometers on compulsory basis. The disease is currently under control.

6. Shanghai
On January 30, Shanghai reported that on January 28, disease was found with 2000 ducks raised by Xu Shengwei from Team Four of Yiyuan Village, Kangqiao Town, Nanhui District of Shanghai, and 300 died. The lab diagnosed it as suspected H5-caused HPAI. Culling measures are implemented.

7. Zhejiang
February 1, Zhejiang reported disease outbreak on a poultry farm at Xiashan Village, Xichengjiedao District, Yongkang City of Zhejiang Province. 550 were infected and died. Local government immediately sealed off the affected area and culled the remaining 300 geese in the area, which then received bio-safety disposal. The affected area was thoroughly disinfected. The specimen was sent to the National AI Reference Lab the same day. Poultry mass culling is implemented within 3 kilometers around the affected area and emergency vaccination is adopted within 5 kilometers around the area.

8. Yunnan Province
a. According to the report submitted by the province on February 1, infected chickens were found at Luoyang Town in Cheng Gong County, Kunming City in Yunnan Province. Among the 78,000 chickens in this town, 4,000 were infected
and died. The town authorities promptly blockaded the infected areas and started killing the rest 74,000, and carried out bio-safety disposal, followed by thorough disinfection in the infected areas. On the same day, samples were sent to the National Avian Influenza Reference Laboratory by special staff. In the mean while, action was started to cull poultry within 3 km around the infected spots, and emergency vaccination was taken on poultry within 5 km around the infected area. On February 4, the National Bird Flu Reference Laboratory confirmed that the poultry death at Guandu District, Kunming City, was caused by the subtype of H5N1, the highly pathogenic avian influenza (HPAI) virus.

b. On February 4, Yunnan Province reported poultry death in a chicken farm at Changshui Village, Dabangqiao Town, Guandu District, Kunming City. Among a population of 1,598, 7 chickens were infected and died. The affected area was closed accordingly. The local government sent the specimen to the National AI Reference Lab for pathogen isolation. Culled all poultry within 3 kilometers and vaccinated all poultry within 5 kilometers on compulsory basis.

9. Henan Province

According to the report submitted by the province on February 1, infected chickens were found at a chicken farm in Donghuangmiao Town, Pingyu County in Henan Province. Among the 2,600 chickens in this farm, 1,500 were infected, and 790 died. The town authorities promptly blockaded the infected area, killed the rest 1,810 and carried out bio-safety disposal, followed by thorough disinfection in the infected area. On the same day, samples were sent to the National Avian Influenza Reference Laboratory by special staff. In the mean while, action was stated to cull poultry within 3 km around the infected spot, and emergency vaccination was taken on poultry within 5 km around the infected area.

10. Xinjiang Production and construction Corps

According to the report submitted by the Corps on February 1, infected chickens were found at Sanping Farm of the 12th Agriculture Division under the Xinjiang Production and Construction Corps. Among the 6,400 chickens in this farm, 4,058 were infected and died. The local authorities promptly blockaded the infected areas, killed the rest 2,342 and carried out bio-safety disposal, followed by thorough disinfection in the infected area. On the same day, samples were sent to the National Avian Influenza Reference Laboratory by special staff. In the mean while, action has continued to cull poultry within 3 km around the infected spot.

11. Gansu

a. On February 1, Gansu Province reported poultry death in a chicken farm at Majiazhuan Village, Liujiapu Township, Anning District, Lanzhou City. Among a population of 1,800, 22 chickens were infected and died. The affected area was closed accordingly, and the remaining 1,778 chickens were culled. The local
government sent the specimen to the National AI Reference Lab for pathogen isolation. Culled all poultry within 3 kilometers and vaccinated the poultry within 5 kilometers on compulsory basis.

b. On February 3, Gansu Province reported poultry death in a chicken farm at Caixin Village, Dongsheng Township, Jingyuan County. Among a population of 2700, 1400 chickens were infected and 294 chickens died. The affected area was closed accordingly. Culled all 43600 poultry within 3 kilometers and vaccinated all 86000 poultry within 5 kilometers on compulsory basis.

c. On February 4, Gansu Province reported poultry death in a chicken farm at Yanchi Village, Zhonghe town, Gaolan County. Among a population of 1200, 400 chickens were infected and 200 chickens died. The affected area was closed accordingly. Culled all 2390 poultry within 3 kilometers and vaccinated all 285 poultry within 5 kilometers on compulsory basis.

12. Shanxi

On February 3, Shanxi Province reported poultry death in a chicken farm at Gaowangdui Village, Changan District, Xi’an City. Among a population of 5425, 2459 chickens were infected and 1919 chickens died. The affected area was closed accordingly. The local government sent the specimen to the National AI Reference Lab for pathogen isolation. Culled all 66298 poultry within 3 kilometers and vaccinated all 244000 poultry within 5 kilometers on compulsory basis.