

Eradication: Final report for Avian Influenza 2018

For each approved annual or multi-annual programme Member States shall submit to the Commission by the 30 April each year an annual detailed technical and financial report covering the previous year. That report shall include the results achieved and a detailed account of eligible costs incurred (Art 14 of Regulation (EU) No 652/2014).

This form is for information only, no submission possible.

ID: 20190401-PEFGISRO

Country code: NL

Reporting period

From: 2018

To: 2018

Year of implementation: 2018

1. Technical implementation of the programme

1.1 Description and evaluation of the evolution of the epidemiological situation, the technical implementation of the activities foreseen under the programme and the cost-effectiveness of the programme.

In 2018 the Netherlands notified five high pathogenic avian influenza infection (HPAI) cases in wild birds and three in kept birds, two at commercial farms and one at a non-commercial holding. These outbreaks took place in the winter season at the beginning of 2018. In december 2018 the Netherlands notified one low pathogenic avian influenza H5 infection at a commercial bird trading location. The 2018 outbreaks did not lead to amendments of the intensive avian influenza monitoring program.

1.2 Details on the level of achievement of the targets set in the approved programme and technical difficulties.

The total number of ELISA-samples tested is 195.840 is slightly higher than last year (about 4000 more). In 2018 the number of sampled dead wild birds (559) is on the same level as in 2016 again. The sampling of dead wild birds is important and contributes to the risk analysis which is used to take preventive measures to prevent the introduction from avian influenza virus from wild birds to commercial holdings. The monitoring programme for avian influenza has not been modified.

1.3 Epidemiological maps for infection and other relevant data on the disease/activities (information on serotypes involved,...) (Please attach files of data using the PDF attachment feature) Use the textbox below to provide clarifications for the maps you attach, if needed.

In case any specific information is needed, we can provide it on request.

2. TECHNICAL IMPLEMENTATION OF THE PROGRAMME ON AVIAN INFLUENZA

VERY IMPORTANT: Please fill out the following tables with figures corresponding to measures performed during the implementing period (1/1 to 31/12).

In the column "Total number of samples taken", please put 0 if the same samples have already been counted for another laboratory analysis (example : for HI-H5 and HI-H7 test, only 1 sample should be counted).

Table A - POULTRY HOLDINGS SAMPLED : SEROLOGICAL INVESTIGATION ACCORDING TO ANNEX I TO COMMISSION DECISION 2010/367/EU

| Poultry category | NUTS2 Code | Total number of holdings | Total number of holdings sampled | Number of samples per holding | Total number of samples taken | Methods of laboratory analysis | Total number of tests performed per method |
|----------------------------------|---------------------|--------------------------|----------------------------------|-------------------------------|-------------------------------|--------------------------------|--|
| Broilers | NL 11 Groningen | 86 | 99 | 34 | 3,354 | ELISA test | 3,354 |
| Broilers | NL 12 Friesland | 85 | 93 | 31 | 2,858 | ELISA test | 2,858 |
| Broilers | NL 13 Drenthe | 86 | 60 | 35 | 2,106 | ELISA test | 2,106 |
| Broilers | NL 21 Overijssel | 91 | 89 | 35 | 3,128 | ELISA test | 3,128 |
| Broilers | NL 22 Gelderland | 102 | 94 | 67 | 6,340 | ELISA test | 6,340 |
| Broilers | NL 23 Flevoland | 31 | 27 | 34 | 931 | ELISA test | 931 |
| Broilers | NL 31 Utrecht | 8 | 10 | 39 | 390 | ELISA test | 390 |
| Broilers | NL 32 Noord-Holland | 27 | 22 | 41 | 901 | ELISA test | 901 |
| Broilers | NL 33 Zuid Holland | 14 | 15 | 30 | 449 | ELISA test | 449 |
| Broilers | NL 34 Zeeland | 19 | 17 | 32 | 549 | ELISA test | 549 |
| Broilers | NL 41 Noord-Brabant | 225 | 220 | 33 | 7,365 | ELISA test | 7,365 |
| Broilers | NL 42 Limburg | 68 | 66 | 34 | 2,253 | ELISA test | 2,253 |
| Fattening Turkeys | NL 11 Groningen | 2 | 2 | 75 | 150 | ELISA test | 150 |
| Fattening Turkeys | NL 13 Drenthe | 2 | 2 | 105 | 210 | ELISA test | 210 |
| Fattening Turkeys | NL 21 Overijssel | 1 | 1 | 90 | 90 | ELISA test | 90 |
| Fattening Turkeys | NL 22 Gelderland | 3 | 3 | 132 | 395 | ELISA test | 395 |
| Fattening Turkeys | NL 23 Flevoland | 3 | 2 | 105 | 210 | ELISA test | 210 |
| Fattening Turkeys | NL 41 Noord-Brabant | 7 | 7 | 85 | 598 | ELISA test | 598 |
| Fattening Turkeys | NL 42 Limburg | 25 | 25 | 135 | 3,387 | ELISA test | 3,387 |
| Fattening ducks | NL 11 Groningen | 1 | 1 | 40 | 40 | ELISA test | 40 |
| Fattening ducks | NL 13 Drenthe | 3 | 2 | 40 | 80 | ELISA test | 80 |
| Fattening ducks | NL 21 Overijssel | 6 | 5 | 40 | 200 | ELISA test | 200 |
| Fattening ducks | NL 22 Gelderland | 21 | 19 | 40 | 766 | ELISA test | 766 |
| Fattening ducks | NL 23 Flevoland | 13 | 13 | 39 | 511 | ELISA test | 511 |
| Fattening ducks | NL 31 Utrecht | 2 | 2 | 40 | 80 | ELISA test | 80 |
| Fattening ducks | NL 41 Noord-Brabant | 2 | 1 | 49 | 49 | ELISA test | 49 |
| Fattening ducks | NL 42 Limburg | 2 | 2 | 40 | 80 | ELISA test | 80 |
| Farmed game birds (gallinaceous) | NL 41 Noord-Brabant | 1 | 1 | 60 | 60 | ELISA test | 60 |
| Farmed game birds (gallinaceous) | NL 42 Limburg | 2 | 2 | 30 | 60 | ELISA test | 60 |
| Free Range Laying Hens | NL 11 Groningen | 21 | 24 | 124 | 2,978 | ELISA test | 2,978 |
| Free Range Laying Hens | NL 12 Friesland | 17 | 18 | 107 | 1,921 | ELISA test | 1,921 |
| Free Range Laying Hens | NL 13 Drenthe | 37 | 33 | 117 | 3,847 | ELISA test | 3,847 |
| Free Range Laying Hens | NL 21 Overijssel | 51 | 50 | 118 | 5,903 | ELISA test | 5,903 |
| Free Range Laying Hens | NL 22 Gelderland | 198 | 186 | 114 | 21,262 | ELISA test | 21,262 |
| Free Range Laying Hens | NL 23 Flevoland | 17 | 17 | 103 | 1,745 | ELISA test | 1,745 |
| Free Range Laying Hens | NL 31 Utrecht | 42 | 52 | 114 | 5,903 | ELISA test | 5,903 |
| Free Range Laying Hens | NL 32 Noord-Holland | 1 | 1 | 90 | 90 | ELISA test | 90 |

| | | | | | | | |
|------------------------|---------------------|-------|-------|-------|---------|---------------------------------------|------------------------------|
| Free Range Laying Hens | NL 33 Zuid Holland | 3 | 3 | 112 | 335 | ELISA test | 335 |
| Free Range Laying Hens | NL 34 Zeeland | 11 | 11 | 115 | 1,270 | ELISA test | 1,270 |
| Free Range Laying Hens | NL 41 Noord-Brabant | 45 | 46 | 104 | 4,796 | ELISA test | 4,796 |
| Free Range Laying Hens | NL 42 Limburg | 32 | 32 | 112 | 3,584 | ELISA test | 3,584 |
| Duck breeders | NL 22 Gelderland | 14 | 11 | 155 | 1,702 | ELISA test | 1,702 |
| Laying Hens | NL 11 Groningen | 21 | 19 | 84 | 1,602 | ELISA test | 1,602 |
| Laying Hens | NL 12 Friesland | 16 | 18 | 49 | 876 | ELISA test | 876 |
| Laying Hens | NL 13 Drenthe | 29 | 18 | 88 | 1,591 | ELISA test | 1,591 |
| Laying Hens | NL 21 Overijssel | 66 | 54 | 77 | 4,158 | ELISA test | 4,158 |
| Laying Hens | NL 22 Gelderland | 231 | 210 | 76 | 15,921 | ELISA test | 15,921 |
| Laying Hens | NL 23 Flevoland | 22 | 18 | 106 | 1,908 | ELISA test | 1,908 |
| Laying Hens | NL 31 Utrecht | 35 | 40 | 66 | 2,620 | ELISA test | 2,620 |
| Laying Hens | NL 32 Noord-Holland | 6 | 7 | 47 | 330 | ELISA test | 330 |
| Laying Hens | NL 33 Zuid Holland | 3 | 2 | 58 | 115 | ELISA test | 115 |
| Laying Hens | NL 34 Zeeland | 15 | 12 | 135 | 1,619 | ELISA test | 1,619 |
| Laying Hens | NL 41 Noord-Brabant | 134 | 120 | 79 | 9,499 | ELISA test | 9,499 |
| Laying Hens | NL 42 Limburg | 160 | 135 | 92 | 12,477 | ELISA test | 12,477 |
| Chicken Breeders | NL 11 Groningen | 13 | 9 | 96 | 866 | ELISA test | 866 |
| Chicken Breeders | NL 12 Friesland | 26 | 26 | 105 | 2,725 | ELISA test | 2,725 |
| Chicken Breeders | NL 13 Drenthe | 12 | 10 | 157 | 1,571 | ELISA test | 1,571 |
| Chicken Breeders | NL 21 Overijssel | 91 | 92 | 129 | 11,825 | ELISA test | 11,825 |
| Chicken Breeders | NL 22 Gelderland | 86 | 77 | 184 | 14,140 | ELISA test | 14,140 |
| Chicken Breeders | NL 23 Flevoland | 18 | 18 | 116 | 2,082 | ELISA test | 2,082 |
| Chicken Breeders | NL 31 Utrecht | 12 | 11 | 57 | 630 | ELISA test | 630 |
| Chicken Breeders | NL 32 Noord-Holland | 3 | 3 | 103 | 310 | ELISA test | 310 |
| Chicken Breeders | NL 34 Zeeland | 3 | 3 | 130 | 390 | ELISA test | 390 |
| Chicken Breeders | NL 41 Noord-Brabant | 122 | 123 | 109 | 13,456 | ELISA test | 13,456 |
| Chicken Breeders | NL 42 Limburg | 22 | 20 | 96 | 1,920 | ELISA test | 1,920 |
| Various | NL 11 Groningen | 0 | 1 | 12 | 12 | ELISA test | 12 |
| Various | NL 32 Noord-Holland | 0 | 1 | 241 | 241 | ELISA test | 241 |
| Various | NL 41 Noord-Brabant | 0 | 1 | 30 | 30 | ELISA test | 30 |
| Ducks | The Netherlands | 0 | 0 | 0 | 0 | HI test for H5 | 41 |
| Ducks | The Netherlands | 0 | 0 | 0 | 0 | HI test for H7 | 41 |
| Turkeys | The Netherlands | 0 | 0 | 0 | 0 | HI test for H5 | 38 |
| Turkeys | The Netherlands | 0 | 0 | 0 | 0 | HI test for H7 | 38 |
| Chickens | The Netherlands | 0 | 0 | 0 | 0 | HI test for H5 | 1,097 |
| Chickens | The Netherlands | 0 | 0 | 0 | 0 | HI test for H7 | 1,097 |
| Various | The Netherlands | 0 | 0 | 0 | 0 | HI test for H5 | 2 |
| Various | The Netherlands | 0 | 0 | 0 | 0 | HI test for H7 | 2 |
| Total | | 2,573 | 2,434 | 5,597 | 195,840 | Methods of laboratory analysis | Total number of tests |
| | | | | | | Total - ELISA test | 195,840 |
| | | | | | | Total - HI test for H5 | 1,178 |
| | | | | | | Total - HI test for H7 | 1,178 |

Table B - WILD BIRDS : INVESTIGATION ACCORDING TO THE SURVEILLANCE PROGRAMME FOR AVIAN INFLUENZA IN WILD BIRDS SET OUT IN ANNEX II TO DECISION 2010/367/EU

| NUTS 2 Code | Total number of wild birds sampled for passive surveillance | Number of PCR tests done for passive surveillance | Number of virus isolation tests for passive surveillance |
|--|---|---|--|
| Geographical coordinates provided per specimen | 559 | 1,115 | 16 |
| Total | 559 | 1,115 | 16 |

Table C - POULTRY AND WILD BIRDS : NUMBER OF OUTBREAKS OF AVIAN INFLUENZA DETECTED DURING THE YEAR

| | Domestic birds | Wild birds |
|----------------------|----------------|------------|
| Nr of HPAI outbreaks | 3 | 5 |
| Nr of LPAI outbreaks | 1 | 0 |

COMMENT / ADDITIONAL CLARIFICATION

ELISA-tests in 2018 (sample and test): 135.559 - ELISA-test of 2017, sampled in 2017 and tested in 2018: +783. To claim in 2019 final report: 220 ELISA-tests sampled in 2018 and tested in 2019.

H5-tests in 2018 (sample and test): 1.130 - H5-tests of 2017, sampled in 2017 and tested in 2018: +20. To claim in 2019 final report: 48 H5-tests, sampled in 2018 and tested in 2019.

H7-tests in 2018 (sample and test): 1.130 - H7-tests of 2017, sampled in 2017 and tested in 2018: +20. To claim in 2019 final report: 48 H7-tests, sampled in 2018 and tested in 2019.

PCR-tests in 2018 (sample and test): 1.141 - PCR-tests of 2017, sample of 2017 and tested in 2018: +32. To claim in 2019 final report: 6 PCR-tests, sampled of 2018 and tested in 2019.