

Updated HPAI Spain situation

PAFF

14th September 2022





From 7thth July – 14th September

4 outbreaks in domestic and 20 cases in wild birds

| | HPAI in wild birs | HPAI in domestic (BY COMARCAS) |
|--------------------|---|--|
| Cantabria | 1 case in Gama (Bárcena de Cicero) - 2 northern gannets | |
| Galicia | 10 cases: 3 cases in Pontevedra (1 in Cangas, 1 in Moaña and 1 in O Grove) and 7 in Coruña (1 in Ferrol, 1 in Mañon, 1 in A Coruña, 1 in Ares, 1 in Valdoviño, 1 in Carballo, 1 in Muros). One northern gannet affected each. | |
| P. Vasco | 2 cases: 1 case in Guipuzcoa and 1 case in Bizcaya. Both of northern gannet. | |
| Andalucía | 2 cases: 1 in Sevilla (Sanlucar la Mayor) - 1 marbled duck and 1 in Cádiz (Campiña) - 1 greylag goose | 2 outbreaks in Huelva: 1 in Cortegana (fattening turkey) and 1 in Aracena (broiler) |
| Madrid | 2 cases: 1 in Alcalá de Henares - 1 mallard and 1 in Madrid - 3 greylag goose, 1 swan and 1 little grebe | |
| Cataluña | 1 case in Barcelona (santa Coloma de Gramenet) - 1 mallard. | |
| Castilla La Mancha | | 1 outbreak in Fontanar (laying hens) |
| Extremadura | 2 cases: 1 in Cáceres (Trujillo) - 6 greylag goose and 1 in Badajoz (Mérida) - 1 greylag goose | 1 outbreak in Azuaga (fattering turkey) |

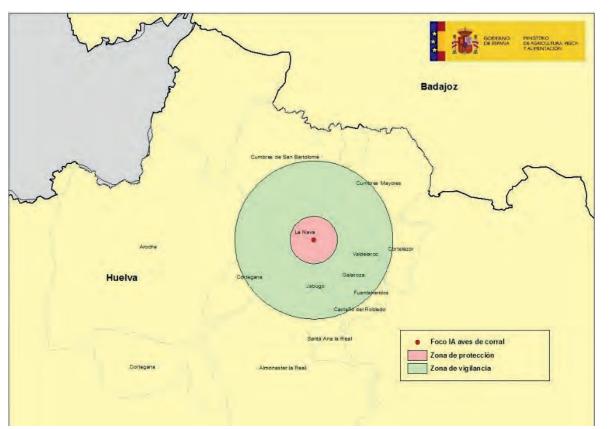
From 7thth July – 14th September



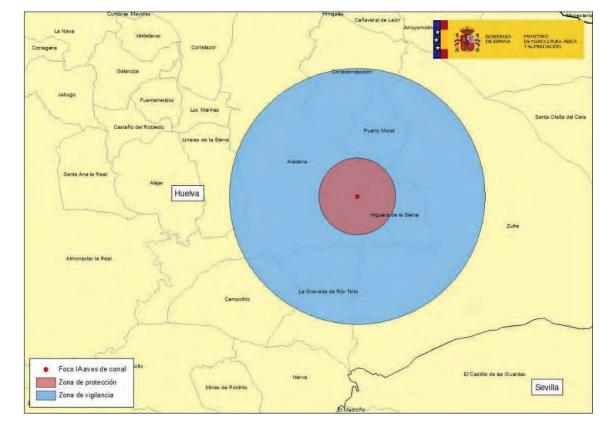
From 7thth July – 14th September 4 outbreaks in domestic

9th August





15.000 fattening turkeys in La Nava- Huelva



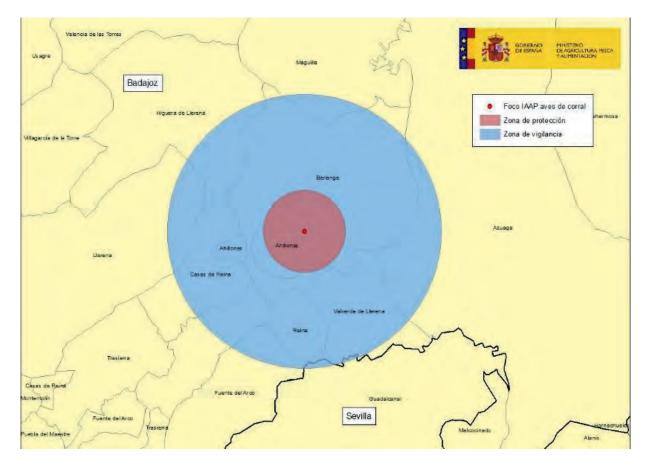
34.000 broilers in Aracena- Huelva

GOBIERNO DE ESPAÑA MINISTERIO DE AGRICULTURA, PESCA Y ALIMENTACIÓN

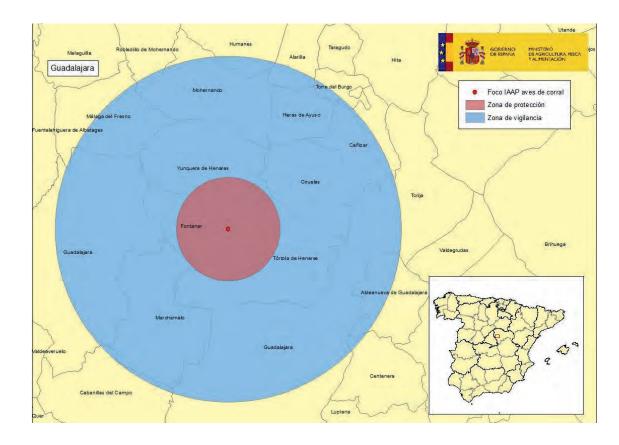
From 7thth July – 14th September 4 outbreaks in domestic

1st September





5.000 fattening turkeys in Ahillones- Badajoz



610.000 laying hens in Fontanar-Guadalajara



4 outbreaks in domestic- Measures adopted

OVS of the Junta de Andalucía, Extremadura and Castilla la Mancha, implemented immediately the measures of Regulation 2020/687:

- Immobilization of the farms since moment of suspicion.
- Epi investigation: movements out/in. Likely source, wild birds, presence of lagoons with water wild birds close by,..
- Census of animals and risk products located in the farm.
- Stamping out:
 - ✓ Culling with CO2 containers and disposed of in Rendering plant Category I
 - $\checkmark~$ Disposal of litter and bedding straw
- > Zoning: surveillance 10km and protection 3km zones and movement restrictions.
- Preliminary C&D
- Expected RZ lifting: on the 16th September (32), 22nd September(33), 2nd October (34) and 26th October (35).



Situation HPAI Spain in 2022



| | HPAI in wild birs | HPAI in domestic (BY COMARCAS) |
|-------------|--|---|
| Girona | 1 case Aiguamolls de l'Empordà (1 stork) | |
| Barcelona | 1 case in Santa Coloma de Gramanet (1 mallard) | |
| Lérida | 3 cases : Ribera del río Segre (4 swans and 1 stork), Lérida (stork) and Seu d'Urgell (1 Peregrine falcon) | |
| Teruel | 1 case in Alcañiz (1 stork) | |
| Zaragoza | 1 case ribera Ebro (1 stork) | |
| Ávila | 7 cases: Lagunas del Oso (3 geese and 1 heron), El Bohodón (9 geese) , Don Jimeno (1 goose), Palacios Rubio (1 goose) and urban area of Hoyo de Pinares (1 pigeon), urban area of Ávila (1 goose) and urban area of Sanchidrián (1 stork). 2 cases: in Laguna de Nava de Fuentes (1 stork) and in the same area | |
| Palencia | (1 hawk) | |
| Segovia | 1 case: 1 stork in Santa Maria la Real de Nieva | 1 outbreak (Cantalejo: 1 turkey farm) |
| Valladolid | 2 cases: in Medina del Campo (1 heron) and Valladolid (6 geese) | 2 outbreaks (Olmedo: 2 laying hen farms) |
| Burgos | 1 case in Merindad de Sotocueva (1 griffon vulture) | |
| Salamanca | 1 case in Aldeatejada (1 stork) | |
| Huelva | 4 cases: Villarrasa (4 storks), Almonte (1 stork), Bollullos Par del Condado (1 buzzard) and Almonte (2 storks) | 8 outbreaks (La Palma del Condado: 1 broilers and 4 fattening turkeys; Cartaya: 1 fattening turkey; Cortegana: 1 fattening turkey; Aracena: 1 broilers) |
| Sevilla | 4 cases: in Marchena (28 storks, 29 herons and 1 stork), Aguadulce (1 falcon), Marchena (1 stork) and La Puebla del Rio (1 marbled duck) | 22 outbreaks (Carmona: 2 fattening turkeys, 1 breeding hens, 1 free-range hens and 1 laying hens; Ecija: 2 fattening turkeys and 1 heavy breeding hens; Marchena: 2 laying hens and 1 fattering turkey Osuna: 7 fattening turkey, 3 breeding hens and 1 broiler hen). |
| Cádiz | 4 cases: in Arcos de la Frontera (1 grey heron), Trebujena (1 gull), Verjer de la Frontera (1 hermit ibis) and Arcos de la Frontera (6 geese) | |
| Córdoba | 3 cases: in Belalcázar (1 crane), Posadas (Bonelli's eagle) and Córdoba (3 nandus, 2 swans, 1 bearded vulture) | |
| Jaén | 1 case in Peal de Becerro (1 bearded vulture) | |
| Granada | 1 case in Castril (1 bearded vulture) | |
| Madrid | 10 cases: in Guadalix (1 duck), Tres Cantos (1 swan and 1 goose), Mostoles (122 gueese, 1 mallard, 9 nile geese), Gargantilla de Lozoya (1 mallard), Alcorcón (1 mallard), Leganés (5 gooses and 1 nile goose), Madrid (2 falcons), San Martín de la Vega (5 gooses and 3 ducks), Torrejón de Ardoz (1 mallard) and Madrid (3 greylag goose, 1 swan and 1 little grebe) | |
| Badajoz | 3 cases: in Santa Amalia (1 crane), Berlanga (2 geese and 1 heron) and Mérida (1 goose) | 1 outbreak in Azuaga: 1 fattening turkey |
| Cáceres | 3 cases: 2 in Trujillo and Torrequemada (11 geese) | |
| Toledo | 1 case in Toledo (2 Harris´s hawk, 1 puna hawk and 1 crested caracara) | |
| Guadalajara | | 1 outbreak in Fontanar (1 laying hens farm) |
| Navarra | 4 cases: in Corella (1 stork), Oroz-Betelu (1 bearded vulture), Araitz (1 bearded vulture), Lónguida (1 bearded vulture) | |
| Guipuzkoa | 4 cases: In Ezkio-Itsaso (1 griffon vulture), in Irún (1 griffon), In Urnieta (1 griffon) and San Sebastian (1 northern gannet) | |
| Bizkaia | 1 case in Muskiz (1 northern gannet) | |
| Cantabria | 1 case in Castro Urdiales (2 northern gannet) | |
| Pontevedra | 3 cases: 1 in Moaña, 1 in Cangas and 1 in El Grove (1 northern gannet each) | |
| A Coruña | 7 cases: 1 in Ferrol, 1 in Mañon, 1 in A Coruña, 1 in Ares, 1 in Valdoviño, 1 in Carballo, 1 in Muros (1 northern gannet each). | |

72 outbreaks in wild birds and 3 in captive birds 35 outbreaks in domestic birds (27 in Annex II or III zones)



H5N1 - Netherlands, Luxemburg - 2022 A Ciconia ciconia 14W Sanchidrian Avila Spain 2022 H5N cinerea 28W Berlanga Badajoz Spain 2022 H5N1 2009 30W Tompouemada Caperes Spain 2022 H5N1 presus Januaria 44C Zoo Cordoba Spain 2022 H5N1 Rhea 44C Zoo Cordoba Spain 2022 H5N1 2022-03-28 Galus galus Belgium 4160 0002 2022 H5N1 2022-03-28 Jiloo Peregrinus 46W Madrid Spain 2022 H5N1 nser_anser 46W S. Martin de la Vega Madrid Spain 2022 anser 7W Laguna de DonJimeno Avila Spain 2022 H5N1 headed gull Netherlands 2 2022 H5N1 2022-04-06 nacle Goose Netherlands 9 gallus_Belgium_3194_0001_2022_H5N1 nser 13W Puente Adaja Avila Spain 20 2D Villamasa Huelva Spain 2022 H5N1 ea_cinerea_2W_EI_oso_Avila_Spain_2022_H5N1 Anser_anser_538-6 W Avia Span 2022 HSN1 erylag poses Netherfands 2200686-001 2022 H5N1_2022-04-11 Caspian Guil Netherlands 3 2022 H5N1 2022-04-14 duck Poland H2007 2118 5290-15 2027 H5N1 2022-04-17 bamade_goose_Netherlands 2 2022 H5N1 2022-04-17 Bamade_goose_Netherlands 1 2022 H5N1 2022-04-11 Bamade_Goose_Netherlands 1 2022 H5N1 2022-04-11 Bamade_Goose_Netherlands 1 2022 H5N1 2022-04-11 A Anser anser 4W Laguna El Bohodon Avia Spain 2022 H6NT A Anser anser 2W El oso Avia Spain 2022 H6N1 A Great black-backed Gull Netherlands 3 2022 H6N1 2022-03-15 ciconia_29W_Hoyuelos_Se eviag goose Netherlands 22006190-002 2022 goose Netherlands 2 raylag goose Netherlands 2 lag_goose_Netherlands_22005844-002_2022_H5N1 6W Nava de H5N1 - Luxemburg - 2022 AuEuropean_Herring_Gull_Netherlands SA European Herring Gull Netherlands 7 2022 H5N1 Hos European Herring Gull Netherlands 6 2022 H5N1 A gull France 229015877 2022 H5N1 2022-05-11 ser anser 33W Valladolid Spain 2022 H5N1 15W Guadalix de la Sierra Madrid Spain 2022 strepera 15W Guadalix de la Sierra Madrid Spain 2022 H5N1 cinerea 16W Medina del Campo Valladolid Spain 2022 H5N1 anser 2W El oso Avila Spain 2022 H5N1 2 hrush Netherlands hicken 30 Iscar Valladolid Spain 2022 H5N Chicken 12D Iscar Valladolid Spain 2022 H5 Barnacle_Goose_Netherlands_18_2022_H5N1 Gull Netherlands 1 2021 H5N1 goose Netherlands 1 2022 H5N Jackdaw, Netherlands, 21039297-002 loonia, 19W Aldeatejada, Salamanca Joland, H128, 22VIR25154, 2022, H5I Hodiok, Poland, H120, 2201825134, 2022, H5N1 A goose Poland, H124, 2201825155, 2022, H5N1 hicken_Saratov, 29-07, 2021, H5N1, 2021-09-30 hicken_Saratov, 29-07V, 2021, H5N1, 2021-09-30 Turkey 17D Aguaduloe Sevila Spain 2022 H Chicken 8D Glena_Sevilla_Spain 2022_H5N1 50 El Rubio Sevilla Spain 2022 H5N 230 H5N1 Gilena Sevilla Spain 2022 Turkey 15D Niebla Huelva Spain 2022 H5N Turkey 4D Niebla Huelva Spain 2022 H5N1 Turkey 4D Niebla Huelva Spain 2022 H5N1 2 Chicken 2D Villarrasa Huelva Spain 2022 H5N1 A Ciconia ciconia 11W Vilarasa Huelva Spain 2022 H5N A Turkev 16D Niebla Huelva Spain 2022 H5N1

Turkey 7D Niebla Ruelva Spain 2022

armona Sevila

Turkey 5D

Sequencing of Al virus

- Fluid collaboration between our NRL and the EURL
- Isolates from all cases are sent
- Important information to share
- Different clusters identified in Spanish cases:
 - ✓ Northeastern Spain cases in wild birds (Catalonia) related with Italian isolates;
 - ✓ Rest of outbreaks and cases related with northern and center of Europe isolates (Netherlands, Germany, Denmark, Belgium,..)



Vaccination national plan in zoos and other captive birds

- > Designed a national plan to vaccinate in advance if interested
- H5N2 inactivated vaccine
- Protected and endangered species
- ➢ High risk -contact with wild animals
- > Under regional and national authorisation
- > Will communicate COM all authorisations.
- Supervised by official vets.





Conclusions

- Virus presence in wild birds has persisted during the summer in spite of the high temperatures registered in the whole EU, particularly in Spain.
- > The virus has been able to enter high biosecurity farms.
- The level of awareness of the sector and private vets is very high. Important effort has been put to rise awareness among stakeholders, particularly farmers and their operators and associations, in relation to situation and the importance of the immediate communication of suspicions and of the application of high biosecurity standards at all levels.
- This high level of awareness in relation to passive surveillance and biosecurity is surly behind the fact that no virus circulation has been detected among poultry farms during last months.
- We have to be prepared and work hard for the Autumn/Winter coming, which, given the evolution of the disease during the summer, will be expectedly very complicated.





Thank you!