

AQUATIC ANIMAL DISEASE REPORT - 2023

| Country/territory: VIETNAM | | | | | | | | | | | | | | Level of diagnosis | Epidemiological comment numbers |
|---|--|-----------------------------------|--|--------|--------|--------|--------|--------|-----------|---------|----------|----------|--------|--------------------|---------------------------------|
| Item | Disease status/occurrence code a/c/ | | | | | | | | | | | | | | |
| | Month | | | | | | | | | | | | | | |
| | January | February | March | April | May | June | July | August | September | October | November | December | | | |
| DISEASES PREVALENT IN THE REGION | | | | | | | | | | | | | | | |
| FINFISH DISEASES | | | | | | | | | | | | | | | |
| OIE-listed diseases | | | | | | | | | | | | | | | |
| 1. Infection with epizootic haematopoietic necrosis virus | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 2. Infection with infectious haematopoietic necrosis virus | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 3. Infection with spring viraemia of carp virus | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 4. Infection with viral haemorrhagic septicaemia virus | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 5. Infection with <i>Aphanomyces invadans</i> (EUS) | (2012) | (2012) | (2012) | (2012) | (2012) | (2012) | (2012) | (2012) | (2012) | (2012) | (2012) | (2012) | | | |
| 6. Infection with red sea bream iridovirus | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 7. Infection with koi herpesvirus | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 8. Infection with tilapia lake virus | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| Non OIE-listed diseases | | | | | | | | | | | | | | | |
| 9. Groupers iridoviral disease | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 10. Viral encephalopathy and retinopathy | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 11. Enteric septicemia of catfish | - | - | - | - | - | - | - | +(1) | +(1) | - | - | - | I, III | 1 | |
| 12. Carp Edema Virus Disease | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| MOLLUSC DISEASES | | | | | | | | | | | | | | | |
| OIE-listed diseases | | | | | | | | | | | | | | | |
| 1. Infection with <i>Bonamia exitiosa</i> | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 2. Infection with <i>Perkinsus olseni</i> | (2013) | (2013) | (2013) | (2013) | (2013) | (2013) | (2013) | (2013) | (2013) | (2013) | (2013) | (2013) | | | |
| 3. Infection with abalone herpesvirus | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 4. Infection with <i>Xenohalotis californiensis</i> | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 5. Infection with <i>Bonamia ostreae</i> | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| Non OIE-listed diseases | | | | | | | | | | | | | | | |
| 6. Infection with <i>Marteilioides chungmuensis</i> | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 7. Acute viral necrosis (in scallops) | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| CRUSTACEAN DISEASES | | | | | | | | | | | | | | | |
| OIE-listed diseases | | | | | | | | | | | | | | | |
| 1. Infection with Taura syndrome virus | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 2. Infection with white spot syndrome virus | - | - | - | +(1) | +(1) | - | +(1) | - | - | - | - | - | I, III | 2 | |
| 3. Infection with yellow head virus genotype 1 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 4. Infection with infectious hypodermal and haematopoietic necrosis virus | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 5. Infection with infectious myonecrosis virus | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 6. Infection with <i>Macrobrachium rosenbergii</i> nodavirus (White Tail disease) | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| 7. Infection with <i>Hepatobacter penaei</i> (Necrotising hepatopancreatitis) | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 8. Acute hepatopancreatic necrosis disease (AHPND) | - | - | - | +(1) | - | +(1) | +(1) | - | - | - | - | - | I, III | 3 | |
| 9. Infection with <i>Aphanomyces astaci</i> (Crayfish plague) | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 10. Infection with decapod iridescent virus 1 (DIV1) | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| Non OIE-listed diseases | | | | | | | | | | | | | | | |
| 11. Hepatopancreatic Microsporidiosis caused by <i>Enterocytozoon hepatopenaei</i> (HPM-EHP) | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 12. Viral covert mortality disease (VCMD) of shrimp | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 13. <i>Spiranasma eriocheiris</i> infection | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| AMPHIBIAN DISEASES | | | | | | | | | | | | | | | |
| OIE-listed diseases | | | | | | | | | | | | | | | |
| 1. Infection with <i>Ranavirus</i> species | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 2. Infection with <i>Batrachochytrium dendrobatidis</i> | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| 3. Infection with <i>Batrachochytrium salamandrivorans</i> | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| Prepared by: | | | | | | | | | | | | | | | |
| Name: Nguyen Ngoc Tien | | | | | | | | | | | | | | | |
| Position: Head of Aquatic Animal Health Division | | | | | | | | | | | | | | | |
| Date: 17 January 2024 | | | | | | | | | | | | | | | |
| ANY OTHER DISEASES OF IMPORTANCE | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| DISEASES PRESUMED EXOTIC TO THE REGION* | | | | | | | | | | | | | | | |
| LISTED BY THE OIE | | | | | | | | | | | | | | | |
| Finfish: Infection with HPR-deleted or HPR0 salmon anaemia virus; Infection with salmon pancreas disease virus; Infection with <i>Gyrodactylus salaris</i> . | | | | | | | | | | | | | | | |
| Molluscs: Infection with <i>Marteilia refringens</i> ; <i>Perkinsus marinus</i> . | | | | | | | | | | | | | | | |
| NOT LISTED BY THE OIE | | | | | | | | | | | | | | | |
| Finfish: Channel catfish virus disease | | | | | | | | | | | | | | | |
| * Please use the following occurrence code: | | | | | | | | | | | | | | | |
| Occurrence code and symbol | Definition | Occurrence code and symbol | Definition | | | | | | | | | | | | |
| Disease present + | The disease is present with clinical signs in the whole country (in domestic species or wildlife) | Disease absent - | The disease was absent in the country during the reporting period (in domestic species or wildlife). | | | | | | | | | | | | |
| Disease limited to one or more zones +(1) | The disease is present with clinical signs, and limited to one or more zones/compartments (in domestic species or wildlife) | Never reported 0000 | The disease has "never been reported" (historically absent) for the whole country in domestic species and wildlife. | | | | | | | | | | | | |
| Infection/infestation +? | Confirmed infestation or infection using diagnostic tests, but no clinical signs observed (in domestic species or wildlife) | No information *** | No information is available regarding the presence or the absence of this disease during the reporting period (in domestic species or wildlife). | | | | | | | | | | | | |
| Infection/infestation limited to one or more zones +?(1) | Confirmed infestation or infection using diagnostic tests, but no clinical signs observed and limited to one or more zones/compartments (in domestic species or wildlife) | | | | | | | | | | | | | | |
| Disease suspected ? | The presence of the disease was suspected but not confirmed (in domestic species or wildlife) | | | | | | | | | | | | | | |
| Disease suspected but not confirmed and limited to one or more zones ?(1) | The presence of the disease was suspected but not confirmed and limited to one or more zones/compartments (in domestic species or wildlife) | | | | | | | | | | | | | | |
| * If there is any changes on historical data, please highlight in RED | | | | | | | | | | | | | | | |
| 1. Epidemiological comments: | | | | | | | | | | | | | | | |
| (Comments should include: 1) Origin of the disease or pathogen (history of the disease); 2) Species affected; 3) Disease characteristics (unusual clinical signs or lesions); 4) Pathogen (isolated/sero-typed); 5) Mortality rate (high/low; decreasing/increasing); 6) Death toll (economic loss, etc.); 7) Size of infected areas or names of infected areas; 8) Preventive/control measures taken; 9) Samples sent to national or international laboratories for confirmation (indicate the names of laboratories); 10) Published paper (articles in journals/website, etc.) and 11) Unknown diseases: describe details as much as possible.) | | | | | | | | | | | | | | | |
| Comment No. | | | | | | | | | | | | | | | |
| 1 | Pathogen: <i>Edwardsiella ictaluri</i> Infection found in some small-scale farms rearing catfish (<i>Tangasius microdon</i> , <i>P. hypophthalmus</i>) in Tra On district, Vinh Long province | | | | | | | | | | | | | | |
| 2 | Pathogen: White Spot Syndrome Virus (WSSV). Affected species: White leg shrimp (<i>Litopenaeus vannamei</i>). The disease was reported and limited in 05 small-scale farms in Ky Anh district, Ha Tinh province. Shrimps were affected from 10-100 days after stocking. Total number of infected shrimp: 2.2 million Mortality: moderate to high Control measures: Stamping out, strict isolation of infected ponds, control of movement. Cleaning and disinfection of infected ponds and farming equipments and materials by calcium hypochlorite (chlorine). | | | | | | | | | | | | | | |
| 3 | Pathogen: VpAHPND The disease was reported and limited in 03 small-scale farms in Ky Anh district, Ha Tinh province. The mortality was observed at 10-45 days post stocking in <i>vannamei</i> shrimps. Disease characteristics: lethargy; soft, darken shells, and mottling of the carapaces; these symptoms were only observed in hepatopancreas organs. Total number of infected shrimp: 950,000 Mortality: moderate to high Control measures: Stamping out, strict isolation of infected ponds, control of movement. Cleaning and disinfection of infected ponds and farming equipments and materials by calcium hypochlorite (chlorine). | | | | | | | | | | | | | | |
| 2. New aquatic animal health regulations introduced within past six months (with effective date): | | | | | | | | | | | | | | | |