

AQUATIC ANIMAL DISEASE REPORT - 2022

Country/territory: INDIA

Item	Disease status/occurrence code a/b/												Level of diagnosis	Epidemiological comment numbers
	Month													
DISEASES PREVALENT IN THE REGION	January	February	March	April	May	June	July	August	September	Oct	Nov	Dec		
FINFISH DISEASES														
OIE-listed diseases														
1. Infection with <i>Aphanomyces invadans</i> (EUS)	+()	+()	+()	-	-	-	-	-	-					
2. Infection with epizootic haematopoietic necrosis virus	0000	0000	0000	0000	0000	0000	0000	0000	0000					
3. Infection with <i>Gyrodactylus salaris</i>	0000	0000	0000	0000	0000	0000	0000	0000	0000					
4. Infection with HPR-deleted or HPRO infectious salmon anaemia virus	0000	0000	0000	0000	0000	0000	0000	0000	0000					
5. Infection with infectious haematopoietic necrosis virus	0000	0000	0000	0000	0000	0000	0000	0000	0000					
6. Infection with koi herpesvirus	0000	0000	0000	0000	0000	0000	0000	0000	0000					
7. Infection with red sea bream iridovirus	+()	+()	-	+()	+()	+()	-	+()	+()				III	1
8. Infection with salmonid alphavirus	0000	0000	0000	0000	0000	0000	0000	0000	0000					
9. Infection with spring viremia of carp virus	0000	0000	0000	0000	0000	0000	0000	0000	0000					
10. Tilapia lake virus (TiLV)	-	+()	+()	-	-	+()	-	-	+()				III	2
11. Infection with viral haemorrhagic septicaemia virus	0000	0000	0000	0000	0000	0000	0000	0000	0000					
Non OIE-listed diseases of regional concern														
12. Grouper iridoviral disease	0000	0000	0000	0000	0000	0000	0000	0000	0000					
13. Viral encephalopathy and retinopathy	-	-	-	-	-	-	-	-	-					
14. Enteric septicaemia of catfish	0000	0000	0000	0000	0000	0000	0000	0000	0000					
15. Carp Edema Virus Disease	+()	+()	+()	+()	-	-	-	-	-					
MOLLUSC DISEASES														
OIE-listed diseases														
1. Infection with abalone herpesvirus	0000	0000	0000	0000	0000	0000	0000	0000	0000					
2. Infection with <i>Bonamia ostreae</i>	0000	0000	0000	0000	0000	0000	0000	0000	0000					
3. Infection with <i>Bonamia exitiosa</i>	0000	0000	0000	0000	0000	0000	0000	0000	0000					
4. Infection with <i>Marteilia refringens</i>	0000	0000	0000	0000	0000	0000	0000	0000	0000					

5. Infection with <i>Perkinsus marinus</i>	0000	0000	0000	0000	0000	0000	0000	0000	0000					
6. Infection with <i>Perkinsus olseni</i>	-	-	-	+()	+()	-	-	+()	-				III	3
7. Infection with <i>Xenohaliothis californiensis</i>	0000	0000	0000	0000	0000	0000	0000	0000	0000					
Non OIE-listed diseases of regional and national concern														
8. Infection with <i>Marteilioides chungmuensis</i>	0000	0000	0000	0000	0000	0000	0000	0000	0000					
9. Acute viral necrosis (in scallops)	0000	0000	0000	0000	0000	0000	0000	0000	0000					
CRUSTACEAN DISEASES														
OIE-listed diseases														
1. Acute hepatopancreatic necrosis disease (AHPND)	0000	0000	0000	0000	0000	0000	0000	0000	0000					
2. Infection with <i>Aphanomyces astaci</i> (Crayfish plague)	0000	0000	0000	0000	0000	0000	0000	0000	0000					
3. Decapod iridescent virus 1 (DIV-1)	0000	0000	0000	0000	0000	0000	0000	0000	0000					
4. Infection with <i>Hepatobacter penaei</i> (Necrotising hepatopancreatitis)	0000	0000	0000	0000	0000	0000	0000	0000	0000					
5. Infection with infectious hypodermal and haematopoietic necrosis virus	-	-	+?()	-	-	-	-	-	-					
6. Infection with infectious myonecrosis virus	-	-	-	-	-	-	-	-	-					
7. Infection with <i>Macrobrachium rosenbergii</i> nodavirus (White Tail disease)	-	-	-	-	-	-	-	-	-					
8. Infection with Taura syndrome virus	0000	0000	0000	0000	0000	0000	0000	0000	0000					
9. Infection with white spot syndrome virus	+()	+()	+()	+()	+()	+()	+()	+()	+()				III	4
10. Infection with yellow head virus genotype 1	0000	0000	0000	0000	0000	0000	0000	0000	0000					
Non OIE-listed diseases of regional and national concern														
11. Hepatopancreatic Microsporidiosis caused by <i>Enterocytozoon hepatopenaei</i> (HPM-EHP)	+()	+()	+()	+()	+()	+()	+()	+()	+()				III	5
12. Viral covert mortality disease (VCMD) of shrimps	0000	0000	0000	0000	0000	0000	0000	0000	0000					
13. <i>Spiroplasma eriocheiris</i> infection	0000	0000	0000	0000	0000	0000	0000	0000	0000					
14. Iridovirus in crayfish	0000	0000	0000	0000	0000	0000	0000	0000	0000					
15. <i>Monodon</i> slow growth syndrome	0000	0000	0000	0000	0000	0000	0000	0000	0000					
AMPHIBIAN DISEASES														
OIE-listed diseases														
1. Infection with <i>Batrachochytrium dendrobatidis</i>	***	***	***	***	***	***	***	***	***					
2. Infection with <i>Batrachochytrium salamandrivorans</i>	0000	0000	0000	0000	0000	0000	0000	0000	0000					
3. Infection with <i>Ranavirus</i> species	0000	0000	0000	0000	0000	0000	0000	0000	0000					

Prepared by:

Name: _____

Position: _____

Date: _____

ANY OTHER DISEASES OF IMPORTANCE														
1														
2														

DISEASES PRESUMED EXOTIC TO THE REGIC LISTED BY THE OIE

Finfish: Infection with HPR-deleted or HPR0 salmon anaemia virus; Infection with salmc

Infection with *Gyrodactylus salaris* .

Molluscs: Infection with *Marteilia refringens* ; *Perkins*

NOT LISTED BY THE OIE

Finfish: Channel catfish virus disease

a/ Please use the following occurrence code:

<u>Occurrence code</u>	<u>Definition</u>	<u>Occurrence code</u>	<u>Definition</u>
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 +()	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 +?()	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 ?()	The presence of the disease was suspected but not confirmed and limited to one or more zones/compartments (in domestic species or wildlife)		

b/ If there is suspicion or confirmation of any of these diseases, they must be reported immediately, because the region is considered free of these diseases

If the historical data been adjusted please highlighted those information.

1/ Listed by OIE as “under study”

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	Infection with Infectious Spleen and Kidney Necrosis Virus (ISKNV) was detected in <i>Mikrogeophagus ramirezi</i> and <i>Pterophyllum scalare</i> from very limited areas of Dakshin Kannada district of Karnataka. It was also reported in <i>Lates calcarifer</i> from very limited areas of Ernakulam district of Kerala.
2	Infection with Tilapia lake virus (TiLV) was reported in <i>Oreochromis niloticus</i> from very limited areas of Chengalpattu district of Tamil Nadu and Ernakulam district of Kerala.
3	Infection with <i>Perkinsus olseni</i> was detected from wild samples of <i>Mytella strigata</i> in Kollam district of Kerala.
4	Infection with White spot syndrome virus (WSSV) was reported in <i>Penaeus vannamei</i> from very limited areas of Uttara Kannada district of Karnataka, and Kakinada, Anakapalli, Konaseema and West Godavari districts of Andhra Pradesh.
5	Infection with <i>Enterocytozoon hepatopenaei</i> (EHP) was detected in <i>Penaeus vannamei</i> from very limited areas of Sirsa and Hisar districts of Haryana; Srimuksar Sahib, Fazilka and Mansa district of Punjab; Nagapattinam, Thiruvallur and Ramnathapuram districts of Tamil Nadu and Kakinada, Anakapalli, Konaseema and West Godavari districts of Andhra Pradesh.

2. New aquatic animal health regulations introduced within past six months (with effective date):